

ILAQH Publications List

Books & Monographs

2025

Morawska, L. Doktor Honoris Causa Politechniki Lubelskiej, Politechnika Lubelska. ISBN 978-83-7947-637-4. <https://doi.org/10.35784/9788379476381>

2003

Morawska, L. and Salthammer, T. (Editors.). Indoor Environment: Airborne Particles and Settled Dust. WILEY-VCH, Weinheim, Germany 2003.

2002

Schwela, D., Morawska, L. and Kotzias, D. (Editors). Guidelines for Concentration and Exposure-Response Measurements of Fine and Ultra Fine Particulate Matter for use in Epidemiological Studies, World Health Organization, 2002.

1999

Schwela, D., Morawska, L. and Jaafar, A.B. Health Guidelines for Vegetation Fire Events: Teachers' Guide, World Health Organization, 1999.

Schwela, D., Goldammer, J.G., Morawska, L. and Simpson, O. (Editors). Health Guidelines for Vegetation Fire Events, World Health Organization, 1999.

1995

Morawska, L., Bofinger, N.D. and Maroni, M. (Editors). Indoor Air – An Integrated Approach, Elsevier Science Limited, 1995.

Chapters in Books

2025

Kennedy, A., Morawska, L. and Adotey, V. Clearing the air: Navigating regulatory frameworks for indoor air quality control. Air Pollution and the Brain. Eds. Katja Kanninen, ISBN 978-3-031-99304-6, 2025. <https://link.springer.com/book/9783031993015>

Brown, R., Rahman, S.M.A., Miljevic, B., Rathnayaka M., Charith, C., Thuy, C. and Ristovski, Z.D., Introductory university climate change education: an Australian review. In John, Michele (Ed.) *The Routledge Handbook of Global Sustainability Education and Thinking for the 21st Century* [1st ed.]. Routledge, Abingdon, Oxon, pp. 79-97, 2025.

2022

Grau, U., Fernandez-Abascal, G., with contributions from Morawska, L. "Masks: to disguise your identity, or to protect you from what is in the air?", Folk costumes, Indo-Pacific Air. Art Paper Editions, ISBN 9789493146921, 2022. **This book was selected as a winner of the XIII Ibero-American Biennale of Architecture and Urbanism (BIAU) in the "Other Coordinates" category in November 2024.**

Morawska, L. and Huang, W. Chapter X.I WHO Health Guidelines for Indoor Air Quality and National Recommendations/standards. *Handbook of Indoor Air Quality*. Eds Y Zhang, PK Hopke, and C Mandin. Springer Nature Singapore, ISBN 978-981-16-7679-6 | ISBN 978-981-16-7680-2 (eBook), 2022. <https://link.springer.com/referencework/10.1007/978-981-16-7680-2> or <https://doi.org/10.1007/978-981-16-7680-2> **The book was downloaded over 7,000 times in 138 countries and has been cited >100 times (up to 8th November 2023). The book also received a China New Development Award from Nature Springer on 21st November 2023.**

2019

Rahman, S.A., Rainey, T.J., Ristovski, Z.D., Dowell, A., Islam, M.A., Nabi, M.N. and Brown, R.J. Review on the use of essential oils in compression ignition engines. In *Methanol and the Alternate Fuel Economy*. Springer, Singapore, pp. 157-182, 2019.

2015

Faghihi, E.M. and Morawska, L. Occupational Release of Engineered Nanoparticles: A Review. M. Viana (ed.), Indoor and Outdoor Nanoparticles: Determinants of Release and Exposure Scenarios. *Handbook of Environmental Chemistry*, Springer International Publishing Switzerland, 2015. <https://doi.org/10.1007/978-93-81-661-401>

2012

Kumar, P., Morawska, L., Harrison, R.M. Nanoparticles in European cities and associated health impacts. *The Handbook of Environmental Chemistry: Air Quality in Europe*. Viana, M. (Editor), Springer-Verlag Heidelberg, 2012.

2011

Morawska, L., Jayaratne, E.R., Knibbs, L.D. and Megat Mokhtar, M. Regulations and Policy Measures Related to the Reduction of Ambient Particulate Matter. In: F. Zereini, CLS Wiseman (Eds). *Urban Airborne Particulate Matter: Origin, Chemistry, Fate and Health Impacts*. Springer Verlag Berlin Heidelberg. pp. 599-622, 2011.

2009

Keogh, D.U., Kelly, J., Mengersen, K., Jayaratne, E.R., Ferreira, L. and Morawska, L. Tailpipe particle emission factors derived for motor vehicles for application to transport modelling and health impact assessments of urban fleets. *Traffic Related Air Pollution* (S. Demidov and J. Bonnet Eds), Nova Science Publishers, New York, pp. 69-101, 2009.

2008

- Smit, R. Dia, H. and Morawska, L. Road Traffic Emission and Fuel Consumption Modelling: Trends, New Developments and Future Challenges. *Traffic Related Air Pollution* (S. Demidov and J. Bonnet Eds), Nova Science Publishers, New York, 2008.
- Brown, S., Tucker, S., Morawska, L. and Egan, S. Estimating Indoor Air Quality during Design. *Technology, Design and Process Innovation in the Built Environment* (P. Newton, K. Hampson and R. Drogemuller, Eds.), Taylor & Francis Books Ltd, London, 2008.
- Brown, S., Tucker, S., Morawska, L., Egan, S., He, C. and Boulaire, F. Estimating Indoor Air quality at design. *Technology, Design & Process Innovation in the Built Environment*. Taylor & Francis Books Ltd, 2008.

2005

- Kokot, S. and Ayoko, G.A. Multicriteria Decision Making, *Encyclopaedia of Analytical Science*, Second Edition, Elsevier, Oxford, P. Worsfold, A. Townshend and C. Poole (Editors), Vol2, pp40-45, 2005.

2004

- Morawska, L. and Jamriska, M. Environment, energy and health in housing design. *Technology, Information, and System Management Resources Challenge II: the Sustainable Built Environment, Encyclopedia of Life Support Systems (EOLSS)*. Developed under the auspices of the UNESCO, Eolss Publishers, Oxford, UK, F Haghighat (Editor), 2004.
- Ayoko, G.A. Volatile Organic Compounds in Indoor Environments. *The Handbook of Environmental Chemistry*, Springer-Verlag Heidelberg. 4F, pp. 1-35, 2004.
- Morawska, L. Indoor particles, combustion products and fibres. *The Handbook of Environmental Chemistry*, Springer-Verlag Heidelberg. 4F, pp. 117-147, 2004.

2003

- Jayarathne, E.R. Thunderstorm electrification mechanisms. *The Lightning Flash*, 34: 17, 2003.
- Jamriska, M. Modeling of indoor particle concentration. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 319-339, 2003.
- Schmidt-Ott, A. and Ristovski, Z.D. Measurements of airborne particles. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 56-81, 2003.
- Ayoko, G.A. and Uhde, E. Organic compounds absorbed on particles and settled house dust. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 297-318, 2003.
- Morawska, L. Motor vehicle emissions as a source of indoor particles. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 297-318, 2003.
- Morawska, L. and He, C. Particle concentration level and size distribution characteristics in residential and non-industrial workplace environments. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 190-224, 2003.
- Morawska, L. and Salthammer, T. Introduction to sampling and measurement techniques. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 49-55, 2003.
- Morawska, L. and Salthammer, T. Fundamentals of indoor particles and settled dust. *Indoor environment*, Wiley – VCH. L. Morawska and T. Salthammer (Editors), pp. 3-46, 2003.
- Morawska, L. and Jamriska, M. Filtering in relation to outdoor air quality. ISAIQ-CIB TG 42 *Performance criteria of buildings for health and comfort*. International Society for Indoor Air Quality and Climate, pp. 21-23, 2003.
- Bell, J., Bergman, R., Garcia Hansen, V., Mabb, J. and Morawska, L. Occupant Health and Productivity: An Australian Perspective. In: *Summary Book of The CIB 2003 International Conference on Smart and Sustainable Built Environment (SASBE 2003)*, 19-21 November 2003, Brisbane, Queensland.

2002

- Morawska, L. New Directions: Particle air pollution down under. *Air Pollution Science for the 21st Century*, Elsevier Science, New York, Austin, Brimblecombe and Sturges (Editors), 2002.

2001

- Morawska, L., Ferreira, L., Jamriska, M., Thomas, S. and McGregor, F. Estimation of motor vehicle emission factors from road measurements of pollutant concentrations. *Urban Transport VII: Urban Transport and the Environment in the 21st Century*, WIT Press: Southampton, Boston. L.J. Sucharov and C.A. Brebbia (Editors), pp. 455-465, 2001.

2000

- Morawska, L. and Moore, M.R. Health Risk Assessment and Management. *Indoor Air Quality: A Report on Healthy Impacts and Management Options*, Commonwealth of Australia, pp. 132-146, 2000.
- Morawska, L. The Impact of Fine and Ultra Fine Particles from Combustion Processes on IAQ. *Indoor Air Quality: A Report on Healthy Impacts and Management Options*, Commonwealth of Australia, pp. 99-114, 2000.
- Johnson, L., Jamriska, M., Morawska, L. and Ferreira, L. Vehicle emissions in Australia: From monitoring to modelling. *Urban Transport and the Environment VI*, WIT Press, Southampton, Boston, pp. 469-478, 2000.

1999

- Morawska, L. Knowledge and Technology Transfer in Teaching in Indoor Air Sciences. *Education and Training in Indoor Air Sciences*, Boschi, N (Editors), Kulwer Academic Publishers, pp. 175-180, 1999.

1998

- Morawska, L. Indoor Air Risk Assessment and Management. *Encyclopedia of Environmental Analyses and Remediation*, John Wiley & Sons, Inc., pp. 2292-2316, 1998.

Morawska, L., Jamriska, M. and Francis, P.W. Particle characterisation in surgical theatres. *Design, Construction, and Operation of Healthy Buildings - Solutions to Global and Regional Concerns*, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Atlanta. D. Moschandreas (Editor), pp. 283-290, 1998.

1996

Morawska, L., Jamriska, M., and Francis, P. Aerosol size distribution and concentration in various units of a children hospital. *Ventilation and Air Quality Problems in Hospitals*. M. Maroni (Editors), Kluwer Academic Publishers, pp. 145-160, 1996.

1991

Phillips, C., Morawska, L., Khan, A. and Hsieh, I. Determination of the combined collection-counting efficiency of radon progeny on wire screens. In "Indoor Air Pollution: Radon, Bioaerosols, and VOCs", Lewis Publishers. Kay, J., Keller, G. and Miller, J. (editors), 1991.

Morawska, L. and Phillips, C.R. Criteria for closed chamber measurements of radon emanation rate. In "Indoor Air Pollution: Radon, Bioaerosols, and VOC's", Lewis Publishers. J. Kay, G. Keller, and J. Miller (Editors), 1991.

Articles – Refereed Journals

2025

Sajjad, M., Chu-Van, T., Shahariar, G.M.H., Suara, K.A., Surawski, N., Bodisco, T., Ristovski, Z.D., Brown, R.J. and Zare, A. Ship emissions and fuel economy under transient conditions: Revisiting the propeller law. *Marine Pollution Bulletin*, 221: 118535, 2025. <https://doi.org/10.1016/j.marpolbul.2025.118535>

Khan, S.B., Alroe, J., Medcraft, C., Sauret, E., Harrison, D. and Ristovski, Z.D. Secondary droplet breakup of impaction-pin nozzle: Comparison between experimental and CFD-DPM modelling. *Journal of Aerosol Science*, 190: 106664, 2025. <https://doi.org/10.1016/j.jaerosci.2025.106664>

Alinaghipour, B., Niazi, S., Groth, R., Miljevic, B. and Ristovski, Z.D. Determining optimal sampling conditions in the TSI Nanometer Aerosol Sampler 3089. *Atmospheric Measurement Techniques*, 18(4): 1063-1071, 2025. <https://doi.org/10.5194/amt-18-1063-2025>

Brown, Z.E., Soltan, C.P., Marshall, D.L., Bottle, S.E. and Miljevic, B. Novel reactions of a profluorescent nitroxide probe with ozone showcase a cascade of solvent-dependent redox reactions. *RSC Advances*, 15(32): 26395-26402, 2025. <https://doi.org/10.1039/D5RA03412D>

Jayarathne, E.R., Thomson, H., Dytlow, S., Phunthirawuthi, P., Thai, P., Thai, P., Buonanno, G. and Morawska, L. Spatial Variation of Ultrafine Particle Concentration Across an Urban Environment. *Environmental Science & Technology Air*, **Accepted 21 November 2025, In Press**.

Salonen, H., Salthammer, T., Alapieti, T., Mikkola, R. and Morawska, L. Indoor radon concentrations in European kindergartens and other educational facilities. *Environment International*, 205: 109877, 2025. <https://doi.org/10.1016/j.envint.2025.109877>

Li, Z., Li, S., Hu, M., Morawska, L., Jalaludin, B., Dharmage, S., Lin, S., Gao, M., Li, J., Zhang, E., Su, S., Wu, S., Liu, J., Zhu, H., Yue, W., Yu, W., Yu, J., Heazell, A.E.P., Yin, C., Dong, G.-H. and Liu, R. Extreme Temperature Events Exposure and Risks of Stillbirths: Nationwide Large Pregnancy Cohort Study in China. *Environment International*, 204: 109854, 2025. <https://doi.org/10.1016/j.envint.2025.109854>

Fan, Y., Chen, Z., Zheng, M., Li, Y., Liu, X., Li, J., Li, X., Monty, J. and Morawska, L. Directional effects of human and door motions on the transport of aerosols across a doorway. *Indoor Air*, **Accepted 12 October 2025, In Press**.

Li, X., Kevin, K., Lam, W.K., Ooi, A., Bates, S., McGain, F., Morawska, L., Kainer, M. and Monty, J. Mitigating airborne infection transmission in the common area of inpatient wards – A case study. *Fluids*, 10(10): 267, 2025. <https://doi.org/10.3390/fluids10100267>

Li, J., Wang, H., Gong, D., Li, Q., Wang, Y., Zhao, W., Zhang, C., Zhou, Z., Zhao, Y., Xu, Q., Zhou, Y., He, C., Ristovski, Z.D., Morawska, L., Liu, S.C. and Wang, B. Landscape Fragmentation Triggers Cascading Enhancement of Surface Ozone Production. *Communications Earth & Environment*, 6: 931, 2025. <https://doi.org/10.1038/s43247-025-02866-1>

Zhou, S., Zhang, Y., Yang, Z., Xu, R., Huang, W., Wu, Y., Xu, Z., Gao, Y., Liu, Y., Yu, W., Yu, P., Chen, G., Ju, K., Ye, T., Wen, B., Zhang, Y., Abramson, M., Morawska, L., Johnston, F., Hales, S., Coelho, M.S.Z.S., Guo, Y.-L., Heyworth, J., Kliengchuay, W., Knibbs, L.D., Lavigne, E., Marks, G.B., Matus, P., Morgan, G., Saldiva, P., Tantrakarnapa, K., Guo, Y., and Li, S. Impact of global short-term landscape fire sourced PM_{2.5} exposure on child cause-specific morbidity: a study in multiple countries and territories. *Nature Communications*, 16(1): 9347, 2025. <https://doi.org/10.1038/s41467-025-64411-0>

GBD 2021 Global Subarachnoid Hemorrhage Risk Factors Collaborators inc. Morawska, L. Global, Regional and National Burden of Non-traumatic Subarachnoid Hemorrhage and its Risk Factors – A Systematic Analysis for the Global Burden of Disease Study 2021. *JAMA Neurology*, 82(8): 765-787, 2025. <https://doi.org/10.1001/jamaneurol.2025.1522>

Oswin, H.P., Glachant, L., Lekamge, S.A., Alinaghipour, B., Khan, S.B. and Morawska, L. Using Indoor CO₂ Concentration Thresholds to Understand and Improve the Air Quality of Public Buildings: A Practical Approach. *Energy and Buildings*, 347(Part A): 116254, 2025. <https://doi.org/10.1016/j.enbuild.2025.116254>

Tay, G.T.P., Niazi, S., He, C., Morawska, L., Bell, S.C., Spann, K. and Ristovski, Z. Viable Viruses in Airborne Particles Detected during Cough by Participants with Acute Respiratory Viral Infections. *Journal of Hospital Infection*, 164: 18-26, 2025. <https://doi.org/10.1016/j.jhin.2025.07.005>

Xiu, M., Cheng, Y., Liu, S., Huang, Y., Xue, Y., Li, Y., Jayaratne, E.R., Wang, X., Thai, P., de Jesus, A. and Morawska, L. Characteristics, sources and risk assessment of volatile organic compounds in a subway environment – A case study in Xi'an, China. *Building and Environment*, 283: 113438, 2025.

Elangasinghe, A., Patel, H., Dirks, K.N., Hamilton, A., Fan, W., Chen, C., Talbot, N., Lim, S., Brook, M., Wells, B., Williams, D.E., Davy, P., Pattinson, W. and Salmond, J.A. A novel approach for quantifying elongated airborne mineral particles (EMPs) using an automated scanning electron microscope (SEM). *Atmospheric Environment*, 354: 121217, 2025. <https://doi.org/10.1016/j.atmosenv.2025.121217>

Yan, J., Liu, B., Jia, B., Zhu, K., Wu, Z., Tran, H., Morawska, L., Wang, L. and Chen, J. Comprehensive Profiling of Phthalic Acid Esters (PAEs) in Air-Conditioning Filters from Diverse Indoor Environments Across 12 Major Cities in China *Environmental Pollution*, 382: 126714, 2025. <https://doi.org/10.1016/j.envpol.2025.126714>

- Lekamge, S.A. and Oswin, H. Exploration of a practical approach to providing RH corrections to low cost sensor networks. *Npj Climate and Atmospheric Science*, 8: 227, 2025. <https://doi.org/10.1038/s41612-025-01115-8>
- McGarry, P., Morawska, L., Lekamge, S.A. and Witts, S. Addressing actual and community expectations on CO₂ concentrations within indoor spaces – A reasonably practicable methodology using CO₂ concentration to assess ventilation quality to indoor spaces. *Indoor Environments*, 2(3): 100101, 2025. <https://doi.org/10.1016/j.indenv.2025.100101>
- Shoubridge, A.P., Brass, A., Crotty, M., Morawska, L., Bell, S.C., Qiao, M., Woodman, R.J., Whitehead, C., Inacio, M.C., Miller, C., Wang, YU., Holden, C.A., Corlis, M., Larby, N., Worley, P., Elms, L., Sims, S., Wesselingh, S.L., Flynn, E., Papanicolas, L.E., Taylor, S.L. and Rogers, G.B. Germicidal UV Light and Incidence of Acute Respiratory Infection in Long-Term Care for Older Adults. *JAMA Internal Medicine*, 185(9): 1128-1135, 2025. <https://doi.org/10.1001/jamainternmed.2025.3388>
- Wang, R., Li, J., Wang, H., Deng, S., He, C., Miljevic, B., Ristovski, Z.D. and Wang, B. Development and Validation of the Particle into Nitroxide Quencher System with BPEAnit Probe for High-Sensitivity Reactive Oxygen Species Detection in Atmospheric Monitoring. *Sensors*, 25(4): 1129, 2025. <https://doi.org/10.3390/s25041129>
- Wang, R., Wang, H., Zhang, C., Gong, D., Ma, F., He, C., Chen, D., Shen, J., Zhou, Y., Ristovski, Z.D., Liu, S.C. and Wang, B. Treasure Bowl: PM_{2.5} Aggregation in the Eye of a Tropical Cyclone. *Geophysical Research Letters*, 52(2): e2024GL110696, 2025. <https://doi.org/10.1029/2024GL110696>
- Baresi, U., Baum, C.M., Fischer, T.B., Lockie, S., Piggott-McKellar, A., Graham, V., Bohensky, E., Fritz, L.B., Shumway, N., Harrison, D.P., Foster, R., Sovacool, B.K., Vella, K. and Ristovski, Z.D. A call for strategic assessments of regional applications of solar radiation management: Exploring the challenges and opportunities from marine cloud brightening and albedo surface modification. *Environmental Impact Assessment Review*, 110: 107701, 2025. <https://doi.org/10.1016/j.eiar.2024.107701>
- Franklin, E.B., Wheeler, A.J., Ward, J., Mynard, C., Lynton, D., Humphries, R.S., Harnwell, J., Menon, V., Monty, J., Delaire, M., Majumdar, S., Joosten, S., Morawska, L. and Dunne, E. Effects of Germicidal UV Air Disinfection Devices on Indoor Air Quality in an Unoccupied Aged Care Facility. *Environmental Science & Technology Air*, 2: 1042-1054, 2025. <https://doi.org/10.1021/acsestair.4c00322>
- Bennitt, F.B., and **GBD 2021 Global Household Air Pollution Collaborators** inc. Morawska, L. Global, regional, and national burden of household air pollution, 1990–2021: a systematic examination for the Global Burden of Disease Study 2021. *The Lancet*, 405(10485): 1167 – 1181, 2025. [https://doi.org/10.1016/S0140-6736\(24\)02840-X](https://doi.org/10.1016/S0140-6736(24)02840-X)
- Zhang, Y., Xu, R., Huang, W., Ye, T., Yu, P., Yu, W., Wu, Y., Liu, Y., Yang, Z., Wen, B., Ju, K., Song, J., Abramson, M.J., Johnson, A., Capon, A., Jalaludin, B., Green, D., Lavigne, E., Johnston, F., Morgan, G., Knibbs, L.D., Zhang, Y., Marks, G.B., Heyworth, J., Arblaster, J., Guo, Y.L., Morawska, L., Coelho, M., Saldiva, P., Matus, P., Bi, P., Hales, S., Hu, W., Phung, D., Guo, Y. and Li, S. Health risks of exposure to wildfire-toxic air. *Nature Sustainability*, 8: 472-473, 2025. <https://doi.org/10.1038/s41893-025-01535-7>
- Cui, J., Morawska, L. and Lou, Z. New evidence of unequal contribution to health burden reshaping air pollution control in waste-to-energy plants. *Environment International*, 198: 109448, 2025. <https://doi.org/10.1016/j.envint.2025.109448>
- Ma, X., Morawska, L., Zou, B., Gao, J., Deng, J., Wang, X., Wu, H., Xu, X., Wang, Y., Tan, Z., Jiang, N., Shen, Y. and Salmond, J. Towards Compliance with the 2021 WHO Air Quality Guidelines: A Comparative Analysis of PM_{2.5} Trends in Australia and China. *Environment International*, 198: 109378, 2025. <https://doi.org/10.1016/j.envint.2025.109378>
- Zhang, Y., Xu, R., Huang, W., Ye, T., Yu, P., Yu, W., Wu, Y., Liu, Y., Yang, Z., Wen, B., Ju, K., Song, J., Abramson, M.J., Johnson, A., Capon, A., Jalaludin, B., Green, D., Lavigne, E., Johnston, F.H., Morgan, G., Knibbs, L.D., Zhang, Y., Marks, G.B., Heyworth, J., Arblaster, J., Guo, Y.L., Morawska, L., Coelho, M.S.Z.S.D., Saldiva, P.H.N., Matus, P., Bi, P., Hales, S., Hu, W., Phung, D., Guo, Y. and Li, S. Respiratory risks from wildfire-specific PM_{2.5} across multiple countries and territories. *Nature Sustainability*, 8: 474-484, 2025. <https://doi.org/10.1038/s41893-025-01533-9>
- Steel, N., and **GBD 2021 Europe Life Expectancy Collaborators** inc. Morawska, L. Changing life expectancy in European countries 1990-2021: causes and risk factors from the Global Burden of Disease Study 2021. *The Lancet Public Health*, 10(3): e172-e188, 2025. [https://doi.org/10.1016/S2468-2667\(25\)00009-X](https://doi.org/10.1016/S2468-2667(25)00009-X)
- Hanigan, I., Yu, W., Yuen, C., Gopi, K., Knibbs, L.D., Cowie, C., Jalaludin, B., Cope, M., Riley, M., Heyworth, J., Morawska, L., Marks, G.B., Morgan, G. and Guo, Y. Deep ensemble machine learning with Bayesian blending improved accuracy and precision of modelled ground-level ozone for region with sparse monitoring: Australia, 2005-2018. *Environmental Modelling and Software*, 187: 106378, 2025. <https://doi.org/10.1016/j.envsoft.2025.106378>
- Hilly, J.J., Sinha, J., Singh, K., Gucake, J., Mani, F.S., Jagals, P., Turagabeci, A., Ashworth, M., Matak, M., Hiba, D., Bainivalu, D., Morawska, L., Knibbs, L.D., Stuetz, R.M. and Dansie, A.P. PM_{2.5} and PM₁₀ concentrations in urban and peri-urban environments of two Pacific Island Countries. *Atmospheric Pollution Research*, 16(5): 102454, 2025. <https://doi.org/10.1016/j.apr.2025.102454>
- Tay, G.T.P., Smith, K., He, C., Ballard, E.L., Wood, M.E., Stockwell R., Morawska, L., Wainwright, C. and Bell, S.C. Tolerability and effectiveness of face-masks in reducing cough aerosols for children with cystic fibrosis. *Journal of Cystic Fibrosis*, 24(2): 368-373, 2025. <https://doi.org/10.1016/j.jcf.2025.01.008>
- Landy, S.A., Jamriska, M., Menon, V.J., Lee, L., Magnin-Bougma, I., Subedi, D., Barr, J.J., Monty, J., Kevin, K., Gunatilaka, A., Majumdar, S.S., Delaire, M., Marks, G.B., Stewardson, A.J., Morawska, L., Edwards, B.A. and Subbarao, K. Ultraviolet Radiation vs Air Filtration to Mitigate Virus Laden Aerosol in an Occupied Clinical Room. *Journal of Hazardous Materials*, 487: 137211, 2025. <https://doi.org/10.1016/j.jhazmat.2025.137211>
- Cheung, H.Y.W., Kumar, P., Hama, S., Emygdio, A.P.M., Wei, Y., Anagnostopoulos, L., Ewer, J., Ferracci, V., Galea, E.R., Grandison, A., Hadjichristodoulou, C., Jia, F., Lepore, P., Morawska, L., Mouchtouri, V.A.M., Siilin, N., and Wang, Z. Monitoring of Indoor Air Quality at a Large Sailing Cruise Ship to Assess Ventilation Performance and Disease Transmission Risk. *Science of the Total Environment*, 962: 178286, 2025. <https://doi.org/10.1016/j.scitotenv.2024.178286>
- Lekamge, S., Jayaratne, E.R., Fooks, C., Gammulle, H. and Morawska, L. Dual-Purpose Smoke Alarms: Integrating low-cost PM_{2.5} sensors for combined fire detection and indoor air quality monitoring. *Aerosol Science & Technology*, 59(10): 1239-1249, 2025. <https://doi.org/10.1080/02786826.2025.2457327>
- Morawska, L., Asbach, C. and Patel, H. Application of PM_{2.5} low-cost sensors for indoor air quality compliance monitoring. *Aerosol Science & Technology*, 59(10): 1210-1220, 2025. <https://doi.org/10.1080/02786826.2025.2457326>
- Lin, K., Zhang, W., Jia, B., Liu, B., Morawska, L., Wang, L. and Chen, J. Insights from an integrated LC-MS/MS and machine learning analysis into the role of long-chain CHO-containing compounds in ambient light-absorbing aerosols. *Environmental Science & Technology Letters*, 12: 37-43, 2025. <https://doi.org/10.1021/acs.estlett.4c00978>

- Aganovic, A., Buonanno, G., Cao, G., Delmaar, C., Kurnitski, J., Mikszewski, A., Morawska, L., Vermeulen, L.C. and Wargocki, P. Comparative Assessment of Airborne Infection Risk Tools in Enclosed Spaces: Implications for Disease Control. *Infectious Disease Modelling*, 10(1): 338-352, 2025. <https://doi.org/10.1016/j.idm.2024.11.003>
- Sirota, S.B. and **GBD 2021 Upper Respiratory Infections and Otitis Media Collaborators** inc. Morawska, L. Global, regional, and national burden of upper respiratory infections and otitis media, 1990–2021: results from the Global Burden of Disease Study 2021. *The Lancet Infectious Diseases*, 25(1): 36-51, 2025. [https://doi.org/10.1016/S1473-3099\(24\)00430-4](https://doi.org/10.1016/S1473-3099(24)00430-4)
- ## 2024
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Ristovski, Z.D., Brown, R. and Bodisco, T. Cold idle vs hot idle: Gaseous and particulate emissions using a third-generation oxygenated biofuel. *Renewable Energy*, 236: 121414, 2024. <https://doi.org/10.1016/j.renene.2024.121414>
- Ma, F., Wang, H., Ding, Y., Zhang, S., Wu, G., Li, Y., Gong, D., Ristovski, Z.D., He, C. and Wang, B. Amplified Secondary Organic Aerosol Formation Induced by Anthropogenic-Biogenic Interactions in Forests Around Megacities. *Journal of Geophysical Research: Atmospheres*, 129(22): e2024JD041679, 2024. <https://doi.org/10.1029/2024JD041679>
- Verma, P., Verma, R., Mallet, M., Sisodiya, S., Zare, A., Dwivedi, G. and Ristovski, Z.D. Assessment of human and meteorological influences on PM₁₀ concentrations: Insights from machine learning algorithms. *Atmospheric Pollution Research*, 15(6): 102123, 2024. <https://doi.org/10.1016/j.apr.2024.102123>
- Wu, L., Yu, F., Luo, H., Zhu, M., Liao, S., Liu, J., Wu, C., Horchler, E.J., Ristovski, Z.D. and Zheng, J. Characterization of ammonia emissions from light-duty gasoline vehicles based on real-world driving and dynamometer measurements. *Science of the Total Environment*, 929: 172644, 2024. <https://doi.org/10.1016/j.scitotenv.2024.172644>
- Xu, R., Te, Y., Huang, W., Yue, X., Morawska, L., Abramson, M., Chen, G., Yu, P., Liu, Y., Yang, Z., Zhang, Y., Yu, Y., Yu, W., Wen, B., Zhang, Y., Hales, S., Lavigne, E., Sadiva, P., Coelho, M., Matus, P., Roye, D., Klompaker, J., Mistry, M., Breitner, S., Zeka, A., Raz, R., Tong, S., Johnson, F., Schwartz, J., Gasparrini, A., Guo, Y., and Li, S. **Multi-Country Multi-City Collaborative Research Network Collaborators**. Global, regional, and national mortality burden attributable to air pollution from landscape fires: a health impact assessment study, *The Lancet*, 404(10470): 2447-2459, 2024. [https://doi.org/10.1016/S0140-6736\(24\)02251-7](https://doi.org/10.1016/S0140-6736(24)02251-7)
- Zhang, Y., Xu, R., Huang, W.-Z., Morawska, L., Johnston, F., Abramson, M., Knibbs, L.D., Matus, P., Ye, T., Yu, W., Hales, S., Morgan, G., Yang, Z., Liu, Y., Ju, K., Yu, P., Lavigne, E., Wu, Y., Wen, B., Zhang, Y., Heyworth, J., Marks, G.B., Saldiva, P., Coelho, M., Guo, Y.-L., Song, J., Guo, Y. and Li, S. Short-term Exposure to Wildfire-Specific PM_{2.5} and Diabetes Hospitalization: A Study in Multiple Countries and Territories. *Diabetes Care*, 47(9):1664-1672, 2024. <https://doi.org/10.2337/dc24-0703>
- Jia, B., Zhu, K., Bai, Z., Abudula, A., Liu, B., Yan, B., Wu, Z., Tan, H., Liu, Q., Morawska, L., Wang, L. and Chen, J. Non targeted and targeted LC-MS/MS insights into the composition and concentration of atmospheric microplastics and additives: impacts and regional changes of sandstorms in Shanghai and Hohhot, China. *Science of the Total Environment*, 953: 176254, 2024. <https://doi.org/10.1016/j.scitotenv.2024.176254>
- Sun, H.Z.S., van Daalen, K.R., Morawska, L., Guillas, S., Giorio, C., Di, Q., Kan, H., Loo, E.X.-L., Shek, L.P., Watts, N., Guo, Y. and Archibald, A.T. An estimate of global cardiovascular mortality burden attributable to long-term ambient ozone exposure reveals urban-rural environmental injustice. *One Earth*, 7(10): 1803-1819, 2024. <https://doi.org/10.1016/j.oneear.2024.08.018>
- Ciobanu, L. and **GBD 2019 Australia Adults Over 70 Collaborators** inc. Morawska, L. Pre-COVID life expectancy, mortality, and burden of diseases for adults 70 years and older in Australia: a systematic analysis for the Global Burden of Disease 2019 Study *The Lancet Regional Health – Western Pacific*, 47: 101092, 2024. <https://doi.org/10.1016/j.lanwpc.2024.101092>
- Vollset, S.E. and **GBD 2021 Forecasting Capstone Collaborators** inc. Morawska, L. Burden of disease scenarios for 204 countries and territories, 2022–2050: a forecasting analysis for the Global Burden of Disease Study. *The Lancet*, 403(10440): 2204-2256, 2024. [http://dx.doi.org/10.1016/S0140-6736\(24\)00685-8](http://dx.doi.org/10.1016/S0140-6736(24)00685-8)
- Brauer, M. and **GBD 2021 Risk Factors Capstone Collaborators** inc. Morawska, L. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet*, 403(10440): 2162-2203, 2024. [http://dx.doi.org/10.1016/S0140-6736\(24\)00933-4](http://dx.doi.org/10.1016/S0140-6736(24)00933-4)
- Linge, L., Chen, J., Mikszewski, A., Buonanno, G., Morawska, L., and Jermy, M. Case studies using a simple airborne infection risk calculator to minimize COVID-19 infection risk: common approaches and challenges. *Building and Environment*, 265: 111957, 2024. <https://doi.org/10.1016/j.buildenv.2024.111957>
- Gui, Z.-H., Guo, Z.-Y., Zhou, Y., Dharmage, S., Morawska, L., Heinrich, J., Cheng, Z., Gan, H., Lin, Z., Zhang, D., Huang, J., Lin, L., Liu, R., Chen, W., Sun, B. and Dong, G.-H. Long-term Ambient Ozone Exposure and Childhood Asthma, Rhinitis, Conjunctivitis and Eczema: A Multi-city Study in China. *Journal of Hazardous Materials*, 478: 135577, 2024. <https://doi.org/10.1016/j.jhazmat.2024.135577>
- Liu, B., Wang, G., Wang, L., Yan, J., Zhu, K., Liu, Q., Zhao, J., Jia, B., Rudich, Y., Morawska, L. and Chen, J. Unraveling Cross-Organ Impacts of Airborne Pollutants: A Multi-Omics Study on Respiratory Exposure and Gastrointestinal Health. *Environmental Science & Technology*, 58(25): 15511-15521, 2024. <https://doi.org/10.1021/acs.est.4c06035>
- Jia, B., Liu, B., Liu, Z., Shi, L., Son, J.H., Morawska, L., Tan, W., Zhu, L., Wang, L. and Chen, J. Chemical Characterization and Influencing Factors of Gaseous and Particulate Components in Cooking Oil Fume (COF) from Traditional Chinese Dishes: Insights from High-Resolution Mass Spectrometry. *Environmental Pollution*, 360: 124666, 2024. <https://doi.org/10.1016/j.envpol.2024.124666>
- Mengersen, K., Morawska, L., Sly, P.D., Jagals, P., Wraith, D. and Cortes-Ramirez, J. The hospitalisation risk of chronic circulatory and respiratory diseases associated with coal mining in the general population in Queensland, Australia. *Science of the Total Environment*, 949: 174989, 2024. <https://doi.org/10.1016/j.scitotenv.2024.174989>
- Jaydarifard, S., Morawska, L. and Paz, A. Mitigating airborne infection risks in public transportation: A systematic review. *Transport Policy*, 155: 309-320, 2024. <https://doi.org/10.1016/j.tranpol.2024.07.009>
- Gui, Z.-H., Heinrich, J., Morawska, L., Zhao, T.-Y., Yim, S.H.-L., Lao, X.-Q., Gao, M., Chen, D.-H., Ma, H.-M., Lin, L.-Z., Liu, R.-Q. and Dong, G.-H. Long-term Exposure to Ozone and Sleep Disorders in Children: A Multicity Study in China. *Environmental Research*, 260: 119553, 2024. <https://doi.org/10.1016/j.envres.2024.119553>
- Salonen, H., Salthammer, T., Täubel, M., Basagaña, X. and Morawska, L. Cleaning products: Their chemistry, effects on indoor air quality, and implications for human health. *Environment International*, 190: 108836, 2024. <https://doi.org/10.1016/j.envint.2024.108836>

- Morawska, L., Li, Y. and Salthammer, T. Lessons from the COVID-19 pandemic for ventilation and indoor air quality. *Science*, 385(6707): 396-401, 2024. <https://doi.org/10.1126/science.adp2241>
- Liu, X., Pushpawela, B., Jayaratne, E.R., Thai, P., Christensen, B., Zing, I., Lamont, R., Dunbabin, M., Wang, H., Gao, J. and Morawska, L. Response of low-cost sensors to high PM_{2.5} concentrations during bushfire and haze events. *Aerosol Science and Technology*, 58(9): 978-990, 2024. <https://doi.org/10.1080/02786826.2024.2368733>
- Täubel, M., Castagnoli, E., Salthammer, T., Morawska, L. and Salonen, H. The impact of cleaning on the microbiomes of indoor surfaces. *Indoor Environments*, 1(3): 100021, 2024. <https://doi.org/10.1016/j.indenv.2024.100021>
- Hilly, J.J., Singh, K., Jagals, P., Mani, F.S., Turagabeci, A., Ashworth, M., Mataka, M., Morawska, L., Knibbs, L.D., Stuetz, R.M. and Dansie, A.P. Review of scientific research on air quality and environmental health and impact for PICTS. *Science of the Total Environment*, 942: 173628, 2024. <https://doi.org/10.1016/j.scitotenv.2024.173628>
- Senarathna, M., Jayaratne, E.R., Abeysundara, S., Weerasooriya, R., Welikannage, K., Morawska, L. and Bowatte, G. PM_{2.5} air pollution trends and patterns in Kandy, Sri Lanka. *Ceylon Journal of Science*, 53(2): 197-206, 2024. <https://doi.org/10.4038/cjs.v53i2.8403>
- Ferrari, A.J., and **GBD 2021 Disability-Adjusted Life Years (DALYs) Capstone Collaborators** inc. Morawska, L. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet*, 403(10440): 2133-2161, 2024. [https://doi.org/10.1016/S0140-6736\(24\)00757-8](https://doi.org/10.1016/S0140-6736(24)00757-8)
- Naghavi, M. and **GBD 2021 Causes of Death Collaborators** inc. Morawska, L. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet*, 403(10440): 2100-2132, 2024. [http://dx.doi.org/10.1016/S0140-6736\(24\)00367-2](http://dx.doi.org/10.1016/S0140-6736(24)00367-2)
- Morawska, L., Allen, J., Bahnfleth, W., Bennett, B., Bluysen, P.M., Boerstra, A., Buonanno, G., Cao, J., Dancer, S.J., Floto, A., Franchimon, F., Greenhalgh, T., Haworth, C., Hogeling, J., Isaxon, C., Jimenez, J.L., Kennedy, A., Kumar, P., Kurnitski, J., Li, Y., Loomans, M., Marks, G.B., Marr, L.C., Mazzarella, L., Melikov, A.K., Miller, S.L., Milton, D.K., Monty, J., Nielsen, P.V., Noakes, C., Peccia, J., Prather, K.A., Querol, S., Salthammer, T., Sekhar, C., Seppänen, O., Tanabe, S., Tang, J.W., Tellier, R., Tham, K.W., Wargocki, P., Wierzbicka, A. and Yao, M. Mandating indoor air quality for public buildings. *Science*, 383(6690): 1418-1420, 2024. <https://doi.org/10.1126/science.adl0677>
- Schumacher, A.E., and **GBD 2021 Demographics Capstone Collaborators** inc. Morawska, L. Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *The Lancet*, 403(10440): 1989-2056, 2024. [https://doi.org/10.1016/S0140-6736\(24\)00476-8](https://doi.org/10.1016/S0140-6736(24)00476-8)
- Liu, P., Shao, L., Zhang, Y., Silvonen, V., Oswin, H., Cao, Y., Guo, Z., Ma, X. and Morawska, L. Atmospheric microplastic deposition in association with GDP growth: insights from megacities in North China. *Journal of Hazardous Materials*, 469: 134024, 2024. <https://doi.org/10.1016/j.jhazmat.2024.134024>
- Pradhan, B., Singh, K., Jayaratne, E.R., Thompson, H., Jagals, P., Gucake, J., Hilly, J.J., Turagabeci, A. and Morawska, L. Assessing school children's personal exposure to PM_{2.5} in Suva, Fiji. *Atmospheric Environment*, 325: 120448, 2024. <https://doi.org/10.1016/j.atmosenv.2024.120448>
- Pradhan, B., Jayaratne, E.R., Thomson, H. and Morawska, L. Children's exposure to air pollution at five schools in Queensland, Australia: a citizen science project with application of low-cost monitors. *Atmospheric Environment*, 325: 120424, 2024. <https://doi.org/10.1016/j.atmosenv.2024.120424>
- Wang, L., Liu, B., Shi, L., Yan, J., Tan, W., Li, C., Jia, B., Wen, W., Zhu, K., Bai, Z., Zhang, W., Morawska, L., Chen, J. and Wang, J. 2023. Diverse Metabolic Effects of Cooking Oil Fume from Four Edible Oils on Human BEAS-2B Cells: Implications for Health Guidelines. *Environmental Science & Technology*, 58(3): 1462-1472, 2024. <https://doi.org/10.1021/acs.est.3c05984>
- Yu, W., Xu, R., Ye, T., Abramson, M.J., Morawska, L., Jalaludin, B., Johnston, F.H., Henderson, S.B., Knibbs, L.D., Morgan, G.G., Lavigne, E., Heyworth, J., Hales, S., Marks, G.B., Woodward, A., Bell, M.L., Samet, J.M., Song, J., Li, S. and Guo, Y. Estimates of global mortality burden associated with short-term exposure to fine particulate matter (PM_{2.5}). *The Lancet Planetary Health*, 8(3): e146-e155, 2024. [https://doi.org/10.1016/S2542-5196\(24\)00003-2](https://doi.org/10.1016/S2542-5196(24)00003-2)
- Kumar, P., Debele, S., Khalili, S., Halios, C.H., Sahani, J., Aghamohammadi, N., de Fatima Andrade, M., Athanassiadou, M., Bui, K., Calvillo, N., Cao, S., Coulon, F., Edmondson, J.E., Fletcher, D., de Freitas, E.D., Guo, H., Hort, M.C., Katti, M., Kjeldsen, T.R., Lehmann, S., Locosselli, G.M., Malham, S.K., Morawska, L., Parajuli, R., Pfautsch, S., Rogers, C.D.F., Yao, R., Wan, F., Wenk, J. and Jones, L. Urban heat mitigation by green and blue infrastructure: a review of drivers, effectiveness and future needs. *The Innovation*, 5(2): 100588, 2024. **In the top 5% of all research outputs scored by Altmetric (24/09/2024) and ranks consistently ranking among the most read article of the journal (01/01/2025). This paper received 100 citations in just one year (12/06/2025), is consistently among the top performers and is currently the most-downloaded article for the journal.** <https://doi.org/10.1016/j.xinn.2024.100588>
- Hu, X., Wang, L.-B., Jalaludin, B., Knibbs, L.D., Yum, S.H.L., Lap, X.Q., Morawska, L., Nie, Z., Zhou, Y., Hu, L.-W., Huang, W.-Z., Ou, Y. and Dong, G.-H. Outdoor artificial light at night and incident cardiovascular disease in adults: a national cohort study across China. *Science of the Total Environment*, 918: 170685, 2024. <https://doi.org/10.1016/j.scitotenv.2024.170685>
- Higgins, C., Kumar, P. and Morawska, L. Indoor Air Quality Monitoring and Source Apportionment Using Low-Cost Sensors: A Review of Factors of Importance. *Environmental Research Communications*, 6: 012001, 2024. <https://doi.org/10.1088/2515-7620/ad1cad>
- Ma, X., Zou, B., Deng, J., Gao, J., Longley, I., Xiao, S., Guo, B., Wu, Y., Xu, T., Xu, X., Yang, X., Wang, X., Tan, Z., Wang, Y., Morawska, L. and Salmond, J. A Comprehensive Review of the Development of Land Use Regression Approaches for Modeling Spatiotemporal Variations of Ambient Air Pollution: A Perspective from 2011-2023. *Environment International*, 183: 108430, 2024. <https://doi.org/10.1016/j.envint.2024.108430>
- Liu, P., Shao, L., Guo, Z., Zhang, Y., Cao, Y., Ma, X. and Morawska, L. Comparative study on physicochemical characteristics of atmospheric microplastics in winter in inland and coastal megacities: a case of Beijing and Shanghai, China. *Science of the Total Environment*, 912: 169308, 2024. <https://doi.org/10.1016/j.scitotenv.2023.169308>
- Xiao, X., Liu, R., Zhang, Z., Jalaludin, B., Heinrich, J., Lao, X., Morawska, L., Dharmage, S.C., Knibbs, L.D., Dong, G.-H., Gao, M., and Yin, C. Using Individual approach to examine the association between urban heat island and preterm birth: a nationwide cohort study in China. *Environment International*, 183: 108356, 2024. <https://doi.org/10.1016/j.envint.2023.108356>

- Groth, R., Niazi, S., Oswin, H.P., Haddrell, A.E., Spann, K., Morawska, L. and Ristovski, Z.D. Toward standardized aerovirology: a critical review of existing results and methodologies. *Environmental Science & Technology*, 58(8): 3595–3608, 2024. <https://doi.org/10.1021/acs.est.3c07275>
- Guo, L.-H., Lin, L.-Z., Zhou, Y., Jalaludin, B., Morawska, L., Dharmage, S.C., Knibbs, L.D., Huang, G.-F., Chen, D.-H., Ma, H., Gao, M., Heinrich, J., Zhou, P., Gui, Z.-H., Chu, C., Li, R.-L. and Dong, G.-H. Global, regional, and national burden of ischemic heart disease attributable to ambient PM_{2.5} from 1990 to 2019: An analysis for the global burden of disease study 2019. *Environmental Research*, 241: 117635, 2024. <https://doi.org/10.1016/j.envres.2023.117635>
- ## 2023
- Mallet, M., Humphries, R., Fiddes, S., Alexander, S., Altieri, K., Angot, H., Anilkumar, N., Bartels-Rausch, T., Creamean, J., Dall'Osto, M., Dommergue, A., Frey, M., Henning, S., Lannuzel, D., Lapere, R., Mace, G., Mahajan, A., McFarquhar, G., Meiners, K., Miljevic, B., Peeken, I., Protat, A., Schmale, J., Steiner, N., Sellegri, K., Simo, R., Thomas, J., Willis, M., Winton, V. and Woodhouse, M. Untangling the influence of Antarctic and Southern Ocean life on clouds. *Elementa*, 11(1): 00130, 2023. <https://doi.org/10.1525/elementa.2022.00130>
- Wu, G., Wang, H., Zhang, C., Gong, D., Liu, X., Ristovski, Z.D. and Wang, B. Anthropogenic pollutants induce enhancement of aerosol acidity at a mountainous background atmosphere in southern China. *Science of the Total Environment*, 903: 166192, 2023. <https://doi.org/10.1016/j.scitotenv.2023.166192>
- Hernandez-Jaramillo, D., Harrison, L., Kelaheer, B., Ristovski, Z.D. and Harrison, D. Evaporative Cooling Does Not Prevent Vertical Dispersion of Effervescent Seawater Aerosol for Brightening Clouds. *Environmental Science & Technology*, 57(49): 20559-20570, 2023. <https://doi.org/10.1021/acs.est.3c04793>
- Stevanovic, S., Jovanovic, M., Jovasevic-Stojanovic, M. and Ristovski, Z.D. Source apportionment of oxidative potential: What we know so far. *Thermal Science*, 27(3 Part B): 2347-2357, 2023. <https://doi.org/10.2298/TSCI221107111S>
- Humphries, R.S., Keywood, M., Ward, J., Harnwell, J., Alexander, S., Klekociuk, A., Hara, K., McRobert, I., Protat, A., Alroe, J., Cravigan, L., Miljevic, B., Ristovski, Z.D., Schofield, R., Wilson, S., Flynn, C., Kulkarni, G., Mace, G., Mcfarquhar, G., Chambers, S., Williams, A. and Griffiths, A. Measurement report: Understanding the seasonal cycle of Southern Ocean aerosols. *Atmospheric Chemistry and Physics*, 23(6): 3749-3777, 2023. <https://doi.org/10.5194/acp-23-3749-2023>
- Shahariar, G.M.H., Bodisco, T.A., Surawski, N., Komol, M.M.R., Sajjad, M., Chu-Van, T., Ristovski, Z. and Brown, R.J. Real-driving CO₂, NO_x and fuel consumption estimation using machine learning approaches. *Next Energy*, 1(4): 100060, 2023. <https://doi.org/10.1016/j.nxener.2023.100060>
- Mensah, G., and **Global CVD Diseases and Risks Special Issue Collaborators** inc. Morawska, L. Global burden of cardiovascular diseases and risks, 1990-2022. *Journal of American College of Cardiology*, 82(25): 2350-2473, 2023. <https://doi.org/10.1016/j.jacc.2023.11.007>
- Niazi, S., Groth, R., Morawska, L., Spann, K. and Ristovski, Z.D. Dynamics and Viability of Airborne Respiratory Syncytial Virus under Various Indoor Air Conditions. *Environment Science & Technology*, 57(51): 21558-21569, 2023. <https://doi.org/10.1021/acs.est.3c03455>
- Arora, P., Verma, P., Zare, A., Lodi, F., Jafari, M., Stevanovic, S., Bodisco, T.A., Brown, R. and Ristovski, Z.D. Morphology and nanostructure of soot particles from diesel engine under transient and steady-state operating conditions with a microalgae fuel component, dioctyl phthalate biofuel. *Sustainable Energy Technologies and Assessments*, 60: 103504, 2023. <https://doi.org/10.1016/j.seta.2023.103504>
- Zare, A., Babaie, M., Shirneshan, A., Verma, P., Yang, L., Ristovski, Z.D., Brown, R.J., Bodisco, T. and Stevanovic, S. Hazardous particles during diesel engine cold-start and warm-up: Characterisation of particulate mass and number under the impact of biofuel and lubricating oil. *Journal of Hazardous Materials*, 460: 132516, 2023. <https://doi.org/10.1016/j.jhazmat.2023.132516>
- Wu, C., Brown, R.A., Brown, Z., Trounce, H., Horchler, E.J., Wang, L., Miljevic, B., Zhang, C., Wang, H., Wang, B., Ristovski, Z.D. and Stevanovic, S. A new oxidation flow reactor for the measurements of secondary aerosol formation: Characterisation and a case study. *Atmospheric Environment*, 309: 119886, 2023. <https://doi.org/10.1016/j.atmosenv.2023.119886>
- Wang, L., Wen, W., Yan, J., Zhang, R., Li, C., Jiang, H., Chen, S., Pardo, M., Zhu, K., Jia, B., Zhang, W., Bai, Z., Shi, L., Cheng, Y., Rudich, Y., Morawska, L. and Chen, J. Influence of Polycyclic Aromatic Compounds and Oxidation States of Soot Organics on the Metabolome of Human Lung Cells (A549): Implications for Vehicle Fuel Selection. *Environmental Science & Technology*, 57(51): 21593-21604, 2023. <https://doi.org/10.1021/acs.est.3c05228>
- Wang, L., Wen, W., Gu, Y., Mao, J., Tong, X., Jia, B., Zhu, K., Bai, Z., Zhang, W., Shi, L., Chen, Y., Morawska, L., Chen, J. and Huang, L.-H. Characterization of Biodiesel and Diesel Combustion Particles: Chemical Composition, Lipid Metabolism, and Implications for Health and Environment. *Environmental Science & Technology*, 57(49): 20460-20469, 2023. <https://doi.org/10.1021/acs.est.3c04994>
- Caracci, E., Stabile, L., Ferro, A., Morawska, L. and Buonanno, G. Respiratory particle emission rates from children during speaking activities. *Scientific Reports*, 13(1): 18294, 2023. <https://doi.org/10.1038/s41598-023-45615-0>
- Yan, J., Jia, B., Zhu, K., Wen, W., Zhang, W., Bai, Z., Shi, L., Chen, Y., Morawska, L., Wang, L. and Chen, J. Impact of combustion-derived black carbon oxidation states on optical properties and cellular metabolomics in HeLa cells: Insights into soot organics. *Atmospheric Environment*, 314: 120118, 2023. <https://doi.org/10.1016/j.atmosenv.2023.120118>
- Liu, P., Shao, L., Guo, Z., Zhang, Y., Ma, X. and Morawska, L. Physicochemical characteristics of airborne microplastics of a typical coastal city in the Yangtze River Delta Region, China. *Journal of Environmental Sciences*, 148: 602-613, 2024. <https://doi.org/10.1016/j.jes.2023.09.027>
- Islan, S.M.S., and **GBD 2019 Burden of Disease Australia Collaborators** inc. Morawska, L. The burden and trend of diseases and their risk factors in Australia, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Public Health*, 8(8): e585-e599, 2023. [https://doi.org/10.1016/S2468-2667\(23\)00123-8](https://doi.org/10.1016/S2468-2667(23)00123-8)
- Wu, C., He, C., Brown, Z.E., Miljevic, B., Zhang, C., Wang, H., Wang, B., Morawska, L. and Ristovski, Z.D. Light absorption properties of black and brown carbon during the prescribed burning season at an urban background site in Brisbane, Australia. *Atmospheric Environment*, 313: 120072, 2023. <https://doi.org/10.1016/j.atmosenv.2023.120072>
- Xiao, X., Liu, R., Yu, Y., Zhang, Z., Knibbs, L.D., Jalaludin, B., Morawska, L., Dharmage, S.C., Heinrich, J., Papatheodorou, S., Guo, Y., Xu, Y., Jin, L., Guo, Y., Yue, W., Yao, J., Zhang, Y., Wang, C., Gao, S., Zhang, E., Su, S., Zhu, T., Dong, G.H., Gao, M. and Yin, C. Evidence of interactive effects of late-pregnancy exposure to air pollution and extreme temperature on preterm birth in China: a nationwide study. *Environmental Research Letters*, 18: 094017, 2023. <https://doi.org/10.1088/1748-9326/aceb0b>

- Lyu, X., Li, K., Guo, H., Morawska, L., Zhou, B., Zeren, Y., Jiang, F., Chen, C., Goldstein, A.H., Xu, X., Wang, T., Lu, X., Zhu, T., Querol, X., Chatani, S., Latif, M.T., Schuch, D., Sinha, V., Kumar, P., Mullins, B., Seguel, R., Shao, M., Xue, L., Wang, N., Chen, J., Gao, J., Chai, F., Simpson, I., Sinha, B. and Blake, D.R. A synergistic ozone-climate control to address emerging ozone pollution challenges. *One Earth*, 6(8): 964-977, 2023. <https://doi.org/10.1016/j.oneear.2023.07.004>
- Xu, R., Ye, T., Yue, X., Yang, Z., Yu, Y., Yu, P., Yu, W., Zhang, Y., Yu, Y., Morawska, L., Abramson, M.J., Guo, Y. and Li, S. Global population exposure to landscape fire air pollution from 2000-2019. *Nature*, 621: 521-529, 2023. <https://doi.org/10.1038/s41586-023-06398-6>
- Sosnowski T.R., Morawska, L., Szczepańska J., Szajna, E., Vilkotsky, A., Odziomek, M. and Sosnowski, K. Size-dependent aerosol penetration through facemasks and respirators (FMRs) during simulated exhalation and cough. *Advanced Powder Technology*, 34(9): 104143, 2023. <https://doi.org/10.1016/j.appt.2023.104143>
- Huang, W., Zhou, Y., Chen, X., Zeng, X., Knibbs, L.D., Jalaludin, B., Dharmage, S.C., Morawska, L., Guo, Y., Yang, X., Zhang, L., Shan, A., Chen, J., Wang, T., Heinrich, J., Gao, M., Lin, L., Xiao, X., Zhou, P., Yu, Y., Tang, N. and Dong, G.-H. Individual and joint associations of long-term exposure to air pollutants and cardiopulmonary mortality: A 22-year cohort study in Northern China. *The Lancet Regional Health – Western Pacific*, 36: 100776, 2023. <https://doi.org/10.1016/j.lanwpc.2023.100776>
- Chalvatzaki, E., Chatoutsidou, S.E., Almeida, S.M., Morawska, L. and Lazaridis, M. The representativeness of outdoor particulate matter concentrations for estimating personal dose of school children in Lisbon. *International Journal of Environmental Research and Public Health*, 20(8): 5564, 2023. <https://doi.org/10.3390/ijerph20085564>
- Liu, R.Q., Guo, Y., Bloom, M., Yang, B.-Y., Markevych, I., Dharmage, S., Jalava, P., Knibbs, L.D., Lin, S., Morawska, L., Heinrich, J., Zeng, X.-Y., Yang, M., Zhou, Y., Hu, L.-W., Yu, H.-Y., Yu, Y., Zeng, X.-W. and Dong, G.-H. Differential patterns of association between PM₁ and PM_{2.5} with symptoms of attention deficit/hyperactivity disorder. *Nature Mental Health*, 1: 402-409, 2023. <https://doi.org/10.1038/s44220-023-00065-5>
- Broomandi, P., Rodríguez-Seijo, A., Janatian, N., Fathian, A., Tleuken, A., Mohammadpour, K., Galán-Madruga, D., Jahanbakhshi, A., Kim, J.R., Satyanaga, A., Bagheri, M. and Morawska, L. Health risk assessment of the European inhabitants exposed to contaminated ambient particulate matter by potentially toxic elements. *Environmental Pollution*, 323: 121232, 2023. <https://doi.org/10.1016/j.envpol.2023.121232>
- Morawska, L., Bahnfleth, W., Bluyssen, P.M., Boerstra, A., Buonanno, G., Dancer, S., Floto, A., Franchimon, F., Haworth, C., Hogeling, J., Isaxon, C., Jimenez, J.L., Kurnitski, J., Li, Y., Loomans, M., Marks, G., Marr, L.C., Mazzearella, L., Melikov, A.K., Miller, S., Milton, D., Nazaroff, W., Nielsen, P.V., Noakes, C., Peccia, J., Querol, X., Sekhar, C., Seppänen, O., Tanabe, S., Tellier, R., Tham, K.W., Wargocki, P. and Wierzbicka, A. Coronavirus Disease 2019 and Airborne Transmission: Science Rejected, Lives Lost. Can Society Do Better? *Clinical Infectious Diseases*, 76(10): 1854-1859, 2023. <https://doi.org/10.1093/cid/ciad068>
- Li, J.-M., Yang, H.-Y., Wu, S.-H., Dharmage, S.C., Jalaludin, B., Knibbs, L.D., Bloom, M.S., Guo, Y., Morawska, L., Heinrich, J., Lam, Y.S.H., Lin, L.-Z., Zeng, X.-W., Yang, B.-Y., Chen, C.-B., Liu, R.-Q., Dong, G.-H. and Hu, L.-W. The associations of particulate matter short-term exposure and serum lipids are modified by vitamin D status: A panel study of young healthy adults. *Environmental Pollution*, 317: 120686, 2023. <https://doi.org/10.1016/j.envpol.2022.120686>
- Pradhan, B., Jayaratne, E.R., Thomson, H., Buonanno, G., Mazaheri, M., Nyarku, M., Lin, W., Pereira, M.L., Cyrus, J., Peters, A. and Morawska, L. Utility of outdoor central site monitoring in assessing exposure of school children to ultrafine particles. *Science of the Total Environment*, 859(1): 160162, 2023. <https://doi.org/10.1016/j.scitotenv.2022.160162>
- Groth, R., Niazi, S., Spann, K., Johnson, G.R. and Ristovski, Z.D. Physicochemical characterization of porcine respiratory aerosol and considerations for future aerovirology. *PNAS Nexus*, 2(3): pgad087, 2023. <https://doi.org/10.1093/pnasnexus/pgad087>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Ristovski, Z.D., Brown, R.J. and Bodisco, T. Engine performance characteristics using microalgae derived dioctyl phthalate biofuel during cold, preheated and hot engine operation. *Fuel*, 344: 128162, 2023. <https://doi.org/10.1016/j.fuel.2023.128162>
- Arora, P., Verma, P., Lodi, F., Jafari, M., Zare, A., Stevanovic, S., Bodisco, T.A., Brown, R.J. and Ristovski, Z.D. Particulate emissions and soot characterisation of diesel engine exhaust for steady-state operating condition using dioctyl phthalate blends with diesel. *Fuel*, 340: 127527, 2023. <https://doi.org/10.1016/j.fuel.2023.127527>
- Wu, C., Trounce, H., Dunne, E., Griffith, D.W., Chambers, S.D., Williams, A.G., Humphries, R.S., Cravigan, L.T., Miljevic, B., Zhang, C., Wang, H., Wang, B. and Ristovski, Z.D. Atmospheric concentrations and sources of black carbon over tropical Australian waters. *Science of The Total Environment*, 856: 159143, 2023. <https://doi.org/10.1016/j.scitotenv.2022.159143>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Ristovski, Z.D., Brown, R.J. and Bodisco, T., 2023. Combustion characteristics of microalgae-based dioctyl phthalate biofuel during ambient, preheated and hot engine operation. *Fuel*, 331: 125890, 2023. <https://doi.org/10.1016/j.fuel.2022.125890>

2022

- Soltau, C.P., Brown, Z.E., Brock, A.J., Martyn, A.P., Blinco, J.P., Miljevic, B., McMurtrie, J.C. and Bottle, S.E. Reactions of sulfoxides with reactive oxygen species to reveal the radical chemistry of pollution-derived particulate matter. *Chemical Communications*, 58(74): 10416-10419, 2022. <https://doi.org/10.1039/D2CC04024G>
- Tan, K.B., and **GBD 2019 Cancer Risk Factors Collaborators** inc. Morawska, L. The global burden of cancer attributable to risk factors, 2010–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 400(10352): 563-591, 2022. [https://doi.org/10.1016/S0140-6736\(22\)01438-6](https://doi.org/10.1016/S0140-6736(22)01438-6)
- Buonanno, G., Ricolfi, L., Morawska, L. and Stabile, L. Increasing ventilation reduces SARS-CoV-2 airborne transmission in schools: a retrospective cohort study in Italy's Marche region. *Frontiers in Public Health*, section *Infectious Diseases: Epidemiology and Prevention*, 10: 1087087, 2022. <https://doi.org/10.3389/fpubh.2022.1087087>
- Brass, A., Shoubridge, A., Larby, N., Elms, L., Sims, S., Flynn, E., Miller, C., Crotty, M., Papanicolaou, L., Wesselingh, S., Morawska, L., Bell, S.C., Taylor, S. and Rogers, G. Targeted reduction of airborne viral transmission risk in residential aged care. *Age and Ageing*, 5: 1-5, 2022. <https://doi.org/10.1093/ageing/afac316>
- Lazarus, J.V., and The COVID-19 Consensus Statement Panel inc. Morawska, L. A multinational Delphi consensus to end the COVID-19 public health threat. *Nature*, 611: 332-345, 2022. **The paper was accessed over 186,000 times and has an Altmetric score of 5360, making it number 630 of over 22.6 million outputs, and is part of the top 0.1% of all research output ever tracked.** <https://doi.org/10.1038/s41586-022-05398-2>

- Reiner, R.C. and **LBD 2017 HAP II Collaborators** inc. Morawska, L. Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000–18: a geospatial modelling study. *The Lancet Global Health*, 110(10): e1395-e1411, 2022. [https://doi.org/10.1016/S2214-109X\(22\)00332-1](https://doi.org/10.1016/S2214-109X(22)00332-1)
- Zhang, S., Breitner, S., Pickford, R., Lanki, T., Okokon, E., Morawska, L., Samoli, E., Rodopoulou, S., Stafoggia, M., Renzi, M., Schikowski, T., Zhao, Q., Schneider, A. and Peters, A. Short-term effects of ultrafine particles on heart rate variability: A systematic review and meta-analysis. *Environmental Pollution*, 314: 120245, 2022. <https://doi.org/10.1016/j.envpol.2022.120245>
- Morawska, L., Marks, G.B., Monty, J. Healthy indoor air is our fundamental need: the time to act on this is now. *Medical Journal of Australia*, 217(11): 578-581, 2022. <https://doi.org/10.5694/mja2.51768>
- Alalo, A.M.A., Babaie, M., Shimeshan, A., Bodisco, T.A., Ristovski, Z.D., Brown, R.J. and Zare, A. Exergy and energy analysis during cold-start and warm-up engine operation. *Fuel*, 330: 125580, 2022. <https://doi.org/10.1016/j.fuel.2022.125580>
- Sarvestani, N.S., Abbaspour Fard, M.H., Tabasizadeh, M., Nayebedeh, H., Arora, P., Verma, P., Chu Van, T., Jafari, M., Bodisco, T.A., Ristovski, Z.D. and Brown, R.J. Synthesis and evaluation of catalytic activity of NiFe₂O₄ nanoparticles in a diesel engine: An experimental investigation and Multi-Criteria Decision Making approach. *Journal of Cleaner Production*, 365: 132818, 2022. <https://doi.org/10.1016/j.jclepro.2022.132818>
- Groth, R., Niazi, S., Johnson, G.R. and Ristovski, Z. Nanomechanics and Morphology of Simulated Respiratory Particles. *Environmental Science and Technology*, 56(15): 10879-10890, 2022. <https://doi.org/10.1021/acs.est.2c01829>
- Shahariar, G.M.H., Bodisco, T.A., Zare, A., Sajjad, M., Jahirul, M.I., Chu Van, T., Bartlett, H., Ristovski, Z.D. and Brown, R.J. Impact of driving style and traffic condition on emissions and fuel consumption during real-world transient operation. *Fuel*, 319: 123874, 2022. <https://doi.org/10.1016/j.fuel.2022.123874>
- Shahariar, G.M.H., Sajjad, M., Suara, K.A., Jahirul, M.I., Chu-Van, T., Ristovski, Z.D., Brown, R.J. and Bodisco, T.A. On-road CO₂ and NO_x emissions of a diesel vehicle in urban traffic. *Transportation Research Part D: Transport and Environment*, 107: 103326, 2022. <https://doi.org/10.1016/j.trd.2022.103326>
- Zare, A., Bodisco, T.A., Verma, P., Jafari, M., Babaie, M., Yang, L., Rahman, M.M., Banks, A.P.W., Ristovski, Z.D., Brown, R.J. and Stevanovic, S. Particulate number emissions during cold-start with diesel and biofuels: A special focus on particle size distribution. *Sustainable Energy Technologies and Assessments*, 51: 101953, 2022. <https://doi.org/10.1016/j.seta.2022.101953>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Ristovski, Z.D., Brown, R.J. and Bodisco, T.A. Gaseous and particulate emissions analysis using microalgae based dioctyl phthalate biofuel during cold, warm and hot engine operation. *Fuel*, 312: 122965, 2022. <https://doi.org/10.1016/j.fuel.2021.122965>
- Fiddes, S.L., Woodhouse, M.T., Utembe, S., Schofield, R., Alexander, S.P., Alroe, J., Chambers, S.D., Cravigan, L., Dunne, E., Humphries, R.S., Johnson, G., Keywood, M.D., Lane, T.P., Miljevic, B., Omori, Y., Ristovski, Z.D., Selleck, P., Swan, H.B., Tanimoto, H., Ward, J.P. and Williams, A.G. The contribution of coral-reef-derived dimethyl sulfide to aerosol burden over the Great Barrier Reef: A modelling study. *Atmospheric Chemistry and Physics*, 22(4): 2419-2445, 2022. <https://doi.org/10.5194/acp-22-2419-2022>
- Kyu, H. and **GBD 2019 LRI Collaborators** inc. Morawska, L. Age-sex differences in the global burden of lower respiratory infections and risk factors: results from the Global Burden of Disease Study 2019. *The Lancet*, 22: 1626-1647, 2022. [https://doi.org/10.1016/S1473-3099\(22\)00510-2](https://doi.org/10.1016/S1473-3099(22)00510-2)
- Wang, R., Yang, Y., Wang, L., Chen, J., Tang, X., Cao, Junji, Morawska, L., Balkanski, Y., Hauglustaine, D., Ciais, P., Ma, J., and Tao, S. Stringent emission controls are needed to reach clean air targets for cities in China under a warming climate. *Environmental Science and Technology*, 56(16): 11199-11211, 2022. <https://doi.org/10.1021/acs.est.1c08403>
- Morawska, L., Buonanno, G., Mikszewski, A. And Stabile, L. The physics of respiratory particle generation, fate in the air, and inhalation. *Nature Physics Reviews*, 4: 723-734, 2022. <https://doi.org/10.1038/s42254-022-00506-7>
- Robinson, P., Salimi, F., Cowie, C., Clifford, S., King, G., Thamrin, C., Hardaker, K., Mazaheri, M., Morawska, L., Toelle, B. and Marks, G.B. Ultrafine particle exposure and biomarkers of effect on small airways in children. *Environmental Research*, 241: 113860, 2022. <https://doi.org/10.1016/j.envres.2022.113860>
- Xiao, X., Gao, G., Zhou, Y., Xu, S.-L., Knibbs, L.D., Heinrich, J., Dharmage, S.C., Morawska, L., Lin, S., Jalaludin, B., Shen, X., Zhou, Y. and Dong, G.-H. Is greener better? Associations between greenness and birth outcomes in both urban and non-urban settings. *International Journal of Epidemiology*, 51(1): 88-98, 2022. <https://doi.org/10.1093/ije/dyab164>
- van Beest, M., Arpino, F., Hlinka, O., Sauret, E., van Beest, N., Humphries, R.S., Buonanno, G., Morawska, L., Governatori, G. and Motta, N. Influence of Indoor Airflow on Particle Spread of a Single Breath and Cough in Enclosures: Does Opening a Window Really 'Help'? *Atmospheric Pollution Research*, 13(7): 101473, 2022. <https://doi.org/10.1016/j.apr.2022.101473>
- Jimenez, J.L., Marr, L.C., Randal, K., Ewing, E.T., Tufekci, Z., Greenhalgh, T., Tellier, R., Tang, J., Li, Y., Morawska, L., Mesiano-Crookston, J., Fisman, D., Hegarty, O., Dancer, S.J., Bluysen, P.M., Buonanno, G., Loomans, M., Bahnfleth, W., Yao, M., Sekhar, C., Wargocki, P., Melikov, A.K. and Prather, K. What Were the Historical Reasons for the Resistance to Recognizing Airborne Transmission during the COVID-19 Pandemic? *Indoor Air*, 32: e13070, 2022. <https://doi.org/10.1111/ina.13070>
- Kassebaum, N.J., and **GBD 2019 Ageing Collaborators** inc. Morawska, L. Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study. *British Medical Journal*, 376: e068208, 2022. <https://doi.org/10.1136/bmj-2021-068208>
- Bertone, M., Mikszewski, A., Stable, L., Riccio, G., Cortellessa, G., d'Ambrosio, F.R., Papa, V., Morawska, L. and Buonanno, G. Assessment of SARS-CoV-2 airborne Infection transmission risk in Public Buses. *Geosciences Frontiers*, 13(6): 101398, 2022. <https://doi.org/10.1016/j.gsf.2022.101398>
- Xiu, M., Jayaratne, E.R., Thai, P., Christensen, B., Zing, I., Liu, X. and Morawska, L. Evaluating the applicability of the ratio of PM_{2.5} and carbon monoxide as source signatures. *Environmental Pollution*, 306: 119278, 2022. <https://doi.org/10.1016/j.envpol.2022.119278>
- Senarathna, M., Priyankara, s., Jayaratne, E.R., Weerasooriya, R., Morawska, L. and Bowatte, G. Measuring Traffic-Related Air Pollution Using Smart Sensors: Before and During a New Traffic Plan. *Geography, Environment, Sustainability Journal*, 15(3): 27-36, 2022. <https://doi.org/10.24057/2071-9388-2022-011>
- Obeid, F., Chu Van, T., Horchler, J., Guo, Y., Verma, P., Miljevic, B., Brown, R., Ristovski, Z.D., Bodisco, T. and Rainey, T. Engine Performance and Emissions from Fuels Containing Nitrogen and Sulphur. *Energy Conversion and Management*: 14: 100179, 2022. <https://doi.org/10.1016/j.ecmx.2022.100179>
- Kumar, P., Hama, S., Abbass, R.A., Nogueira, T., Brand, V.S., Wu, H.-W., Abulude, F.O., Adelodun, A.A., Anand, P., de Fatima Andrade, M., Apondo, W., Asfaw, A., Aziz, K.H., Cao, S.-J., El-Gendy, A., Indu, G., Kehbila, A.G., Ketzel, M., Khare, M., Kota, S.H., Mamo, T.,

- Manyozo, S., Martinez, J., McNabola, A., Morawska, L., Mustafa, F., Muula, A.S., Nahian, S., Nardocci, A.C., Nelson, W., Ngow, A.V., Njoroge, Olaya, Y., Omer, K., Osano P., Pavel, M.R.S., Salam, A., Costa Santos, E.L., Sitati, C. and Nagendra, S.S.M. In-kitchen aerosol exposure in twelve cities across the globe. *Environment International*, 162: 107155, 2022. <https://doi.org/10.1016/j.envint.2022.107155>
- Arpino, F., Grossi, G., Cortellessa, G., Mikszewski, A., Morawska, L., Buonanno, G. and Stabile, L. Risk of SARS-CoV-2 in a car cabin assessed through 3D CFD simulations. *Indoor Air*, 32: e13012, 2022. <https://doi.org/10.1111/ina.13012>
- Mikszewski, A., Stabile, L., Buonanno, G. and Morawska, L. Increased Close Proximity Airborne Transmission of the SARS-CoV-2 Delta Variant. *Science of the Total Environment*, 816: 151499, 2022. <https://doi.org/10.1016/j.scitotenv.2021.151499>
- Buonanno, G., Robotto, A., Brizio, E., Morawska, L., Civra, A., Corino, F., Lembo, D., Ficco, G. and Stabile, L. Link between SARS-CoV-2 emissions and airborne concentrations: closing the gap in understanding. *Journal of Hazardous Materials*, 428: 128279, 2022. <https://doi.org/10.1016/j.jhazmat.2022.128279>
- Guo, Y., Horchler, E.J., Fairley, N., Stevanovic, S., Shang, J. and Ristovski, Z.D. An experimental investigation of diesel soot thermal-induced oxidation based on the chemical structure evolution. *Carbon*, 188: 246-253, 2022. <https://doi.org/10.1016/j.carbon.2021.11.068>
- Peng, Z., Rojas, A.L.P., Kropff, E., Bahnfleth, W., Buonanno, G., Dancer, S.J., Kurnitski, J., Li, Y., Loomans, M., Marr, L., Morawska, L., Nazaroff, W., Noakes, C.J., Querol, X., Sekhar, S.C., Tellier, R., Greenhalgh, T., Bourouiba, L., Boerstra, A., Tang, J.W., Miller, S. and Jimenez, J. Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and their Application to COVID-19 Outbreaks. *Environmental Science & Technology*, 56: 1125-1137, 2022. **In the first week of its publication, the Altmetric score was the highest ever for any article published in ES&T out of 18,394 outputs. It is also the 2nd "most read" article in the month of January 2022 the 4th most read article from the previous 12 months (13/01/2022). Paper was also selected by ES&T as the first joint runner up in the category 'Environmental Science' in the 2022 Environmental Science and Technology Best Paper Awards (02/04/2024).** <https://doi.org/10.1021/acs.est.1c06531>
- Morawska, L., Miller, W., Riley, M., Vardoulakis, S., Zhy, Y.-G., Marks, G.B., Garnawat, P., Kumar, P. and Thynell, M. How to build Urbanome, the genome of the city? *Science of the Total Environment*, 810: 152310, 2022. <https://doi.org/10.1016/j.scitotenv.2021.152310>
- Huang, W.-Z., He, W.-Y., Knibbs, L.D., Jalaludin, B., Guo, Y.-M., Morawska, L., Heinrich, J., Chen, D.-H., Zeng, Z.-W., Yu, H.-Y., Yang, B.-Y., Yu, Y.-J., Hu, L.-W., Liu, R.-Q. and Feng, W.-R. Improved morbidity-based air quality health index development using Bayesian multi-pollutant weighted model. *Environmental Research*, 204(Part D): 112397, 2022. <https://doi.org/10.1016/j.envres.2021.112397>
- ## 2021
- Kurnitski, J., Kiil, M., Boerstra, A., Seppänen, O., Wargocki, P., Olesen, B. and Morawska, L. A new ventilation criterion based on respiratory infection risk of COVID-19. *Indoor Air Pre-Prints*, 2021.
- O'Farrell, H.E., Brown, R., Brown, Z., Miljevic, B., Ristovski, Z.D., Bowman, R.V., Fong, K.M., Vaughan, A. and Yang, I.A. E-cigarettes induce toxicity comparable to tobacco cigarettes in airway epithelium from patients with COPD. *Toxicology in Vitro*, 75: 105204, 2021. <https://doi.org/10.1016/j.tiv.2021.105204>
- McFarquhar, G.M., Bretherton, C.S., Marchand, R., Protat, A., DeMott, P.J., Alexander, S.P., Roberts, G.C., Twohy, C.H., Toohey, D., Siems, S., Hiang, Y., Wood, R., Rauber, R.M., Lasher-Trapp, S., Jensen, J., Stith, J.L., Mace, J., Um, J., Järvinen, E., Schnaiter, M., Gettelman, A., Sanchez, K.J., McCluskey, C.S., Russell, L.M., McCoy, I.L., Atlas, R.L., Bardeen, C.G., Moore, K.A., Hill, T.C.J., Humphries, S., Keywood, M., Ristovski, Z.D., Cravigan, L., Schofield, R., Fairall, C., Mallet, M.D., Kreidenweis, S.M., Rainwater, B., D'Alessandro, J., Wang, Y., Wu, W., Salda, G., Levin, E.J.T., Ding, S., Lang, F., Truong, S.C.H., Wolff, C., Haggerty, J., Harvey, M.J., Klekociuk, A.R. and McDonald, A. Observations of Clouds, Aerosols, Precipitation, and Surface Radiation over the Southern Ocean: An Overview of CAPRICORN, MARCUS, MICRE, and SOCRATES. *Bulletin of the American Meteorological Society*, 102(4): E894-E928, 2021. <https://doi.org/10.1175/BAMS-D-20-0132.1>
- He, Z.-Z., Guo, P.-Y., Xu, S.-L., Zhou, Y., Jalaludin, B., Leskinen, A., Knibbs, L.D., Heinrich, J., Morawska, L., Yim, S.H.-L., Bui, D., Komppula, M., Roponen, M., Hu, L., Chen, G., Zeng, X.-W., Yu, Y., Yang, B.-Y. and Dong, G. Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. *Environmental Science & Technology*, 55(8): 5065-5075, 2021. <https://doi.org/10.1021/acs.est.0c06974>
- Paulson, K.R. and **GBD 2019 Under-5 Mortality Collaborators** inc. Morawska, L. Global, regional, and national progress toward Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. *The Lancet*, 398(10303): 870-905, 2021. [https://doi.org/10.1016/S0140-6736\(21\)01207-1](https://doi.org/10.1016/S0140-6736(21)01207-1)
- Feigin, V.L. and **GBD 2019 Stroke Collaborators** inc. Morawska, L. Global, regional, and national burden of stroke and its risk factors, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Neurology*, 20(10): 795-820, 2021. [https://doi.org/10.1016/S1474-4422\(21\)00252-0](https://doi.org/10.1016/S1474-4422(21)00252-0)
- Zare, A., Stevanovic, S., Jafari, M., Verma, P., Babaie, M., Yang, L., Rahman, M.M., Ristovski, Z.D., Brown, R. and Bodisco, T.A. Analysis of cold-start NO₂ and NO_x emissions, and the NO₂/NO_x ratio in a diesel engine powered with different diesel-biodiesel blends. *Environmental Pollution*, 290: 118052, 2021. <https://doi.org/10.1016/j.envpol.2021.118052>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Verma, P. and Jafari, M. Characteristics of Particle Number and Particle Mass Emissions of a Diesel Engine during Cold-, Warm-, and Hot-Start Operation. *SAE Technical Papers*, 2021-01-5061, 2021. <https://doi.org/10.4271/2021-01-5061>
- Niazi, S., Short, K.R., Groth, R., Cravigan, L., Spann, K., and Ristovski, Z.D. Humidity-Dependent Survival of an Airborne Influenza A Virus: Practical Implications for Controlling Airborne Viruses. *Environmental Science and Technology Letters*, 8(5): 412-418, 2021. <https://doi.org/10.1021/acs.estlett.1c00253>
- Groth, R., Cravigan, L.T., Niazi, S., Ristovski, Z.D. and Johnson, G.R. In situ measurements of human cough aerosol hygroscopicity. *Journal of the Royal Society Interface*, 18(178): 20210209, 2021. <https://doi.org/10.1098/rsif.2021.0209>
- Sarvestani, N.S., Tabasizadeh, M., Fard, M.H.A., Nayebzadeh, H., Van, T.C., Jafari, M., Bodisco, T.A., Ristovski, Z.D. and Brown, R. Effects of enhanced fuel with Mg-doped Fe₃O₄ nanoparticles on combustion of a compression ignition engine: Influence of Mg cation concentration. *Renewable and Sustainable Energy Reviews*, 141: 110817, 2021. <https://doi.org/10.1016/j.rser.2021.110817>
- Verma, P., Jafari, M., Zare, A., Pickering, E., Guo, Y., Osuagwu, C.G., Stevanovic, S., Brown, R. and Ristovski, Z.D. Soot particle morphology and nanostructure with oxygenated fuels: A comparative study into cold-start and hot-start operation. *Environmental Pollution*, 275: 116592, 2021. <https://doi.org/10.1016/j.envpol.2021.116592>

- Gali, N.K., Stevanovic, S., Brown, R.A., Ristovski, Z.D. and Ning, Z. Role of semi-volatile particulate matter in gas-particle partitioning leading to change in oxidative potential. *Environmental Pollution*, 270: 116061, 2021. <https://doi.org/10.1016/j.envpol.2020.116061>
- Zare, A., Bodisco, T.A., Jafari, M., Verma, P., Yang, L., Babaie, M., Rahman, M.M., Banks, A., Ristovski, Z.D., Brown, R. and Stevanovic, S. Cold-start NO_x emissions: Diesel and waste lubricating oil as a fuel additive. *Fuel*, 286(Part 2): 119430, 2021. <https://doi.org/10.1016/j.fuel.2020.119430>
- Jafari, M., Verma, P., Zare, A., Borghesani, P., Bodisco, T.A., Ristovski, Z.D. and Brown, R. In-cylinder pressure reconstruction by engine acoustic emission. *Mechanical Systems and Signal Processing*, 152: 107490, 2021. <https://doi.org/10.1016/j.ymssp.2020.107490>
- Fan, Z., Holmes, D.W., Sauret, E., Islam, M.S., Saha, S.C., Ristovski, Z.D. and Gu, Y.T., A multiscale modeling method incorporating spatial coupling and temporal coupling into transient simulations of the human airways. *International Journal for Numerical Methods in Fluids*, 93(9): 2905-2920, 2021. <https://onlinelibrary.wiley.com/doi/10.1002/flid.5015>
- Mikszewski, A., Stabile, L., Buonanno, G. and Morawska, L. The Vaccination Threshold for SARS-CoV-2 Depends on the Indoor Setting and Room Ventilation. *BMC Infectious Diseases*, 21: 1193, 2021. <https://doi.org/10.1186/s12879-021-06884-0>
- Brass, A., Shoubridge, A., Crotty, M., Morawska, L., Bell, S.C., Qiao, M., Woodman, R.J., Whitehead, C., Inacio, M.C., Miller, C. Corlis, M., Larby, N., Elms, L., Sims, S.K., Taylor, S.T., Flynn, E., Papanicolaou, L.E. and Rogers, G.B. Prevention of SARS-CoV-2 (COVID-19) transmission in residential aged care using ultraviolet light (PETRA): a two-arm crossover randomised controlled trial protocol. *BMC Infectious Diseases*, 21: 967, 2021. <https://doi.org/10.1186/s12879-021-06659-7>
- Kurnitski, J., Kiil, M., Wargocki, P., Boerstra, A., Seppänen, O., Olesen, B. and Morawska, L. Respiratory infection risk-based ventilation design method. *Building and Environment*, 206: 108387, 2021. <https://doi.org/10.1016/j.buildenv.2021.108387>
- Priyankara, S., Senarathna, M., Jayaratne, E.R., Morawska, L., Abeyesundara, S., Weerasooriya, R., Knibbs, L.D., Dharmage, S.C., Yasaratne, D. and Bowettte, G. Ambient PM_{2.5} and PM₁₀ Exposure and Respiratory Disease Hospitalization in Kandy, Sri Lanka. *International Journal of Environmental Research and Public Health*, 18(18): 9617, 2021. <https://doi.org/10.3390/ijerph18189617>
- Nyarku, M., Buonanno, G., Ofosu, F., Jayaratne, E.R., Mazaheri, M. and Morawska, L. Ultrafine particles in key microenvironments in rural and urban areas of Ghana. *Atmospheric Pollution Research*, 12: 101212, 2021.
- Ebrahimi, H., Arynan, Z. and **GBD 2019 Respiratory Tract Cancers Collaborators** inc. Morawska, L. Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: A systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Respiratory Medicine*, 9(9): 103-1049, 2021. [https://doi.org/10.1016/S2213-2600\(21\)00164-8](https://doi.org/10.1016/S2213-2600(21)00164-8)
- Lin, L., Gao, M., Xiao, X., Knibbs, L.D., Morawska, L., Dharmage, S., Heinrich, J., Jalaludin, B., Lin, S., Guo, Y., Xu, S. Wu, Q., Chen, Q., Yang, B., Zeng, X., Yu, Y., Hu, L. and Dong, G.-H., Ultrafine particles, blood pressure and adult hypertension: a population-based survey in Northeast China. *Environmental Research Letters*, 16: 094041, 2021. <https://doi.org/10.1088/1748-9326/ac1c28>
- Koivisto, A.J., Jayjock, M., Hämeri, K.J., Kulmala, M., Van Sprang, Yu, M., Boor, B.E., Hussein, T., Koponen, I.K., Löndahl, J., Morawska, L., Little, J.C. and Arnold, S. Evaluating the Theoretical Background of STOFFENMANAGER® and the Advanced REACH Tool. *Annals of Work Exposures and Health*, wxab057, 2021. <https://doi.org/10.1093/annweh/wxab057>
- Mikszewski, A., Stabile, L., Buonanno, G. and Morawska, L. The Airborne Contagiousness of Respiratory Viruses: A Comparative Analysis and Implications for Mitigation. *Special Issue of Geoscience Frontiers on COVID-19 Journal of Infectious Diseases*, 13(6): 101285, 2021. <https://doi.org/10.1016/j.qsf.2021.101285>
- Tran, L.K., Morawska, L., Quang, T.N., Jayaratne, E.R., Jayaratne, E.R., Hue, N.T., Dat, M.V., Phi, T.H. and Thai, P. The impact of incense burning on indoor PM_{2.5} concentrations in residential houses in Vietnam. *Building and Environment*, 205: 108228, 2021. <https://doi.org/10.1016/j.buildenv.2021.108228>
- Kumar, P., Omidvarborna, H., Tiwari, A. and Morawska, L. The nexus between in-car aerosol concentrations, ventilation and the risk of respiratory infection. *Environment International*, 157: 106814, 2021. <https://doi.org/10.1016/j.envint.2021.106814>
- Cortellessa, L., Stabile, L., Rapino, F., Faleiros, D.E., van den Bos, W., Morawska, L. and Buonanno, G. Close proximity risk assessment for SARS-CoV-2 infection. *Science of the Total Environment*, 794: 148749, 2021. <https://doi.org/10.1016/j.scitotenv.2021.148749>
- Senarathna, M., Jayaratne, E.R., Morawska, L., Guo, Y., Knibbs, L.D., Bui, D., Abeyesundara, S., Weerasooriya, R. and Bowatte, G. Impact of COVID-19 lockdown on air quality of Sri Lankan cities. *International Journal of Environmental Pollution and Remediation*, 9: 12-21, 2021. <https://doi.org/10.11159/ijep.2021.002>
- Xing, X., Xiong, Y., Yang, R., Wang, R., Wang, W., Kan, H., Lu, T., Li, D., Cao, J., Peñuelas, J., Ciais, P., Bauer, N., Boucher, O., Balkanski, Y., Hauglustaine, D., Brasseur, G., Morawska, L., Janssens, I.A., Wang, X., Sardans, J., Wang, Y., Deng, Y., Wang, L., Chen, J., Tang, X. and Zhang, R. Predicting the effect of confinement on the COVID-19 spread using machine learning enriched with satellite air pollution observations. *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*, 118(33): e2109098118, 2021. <https://doi.org/10.1073/pnas.2109098118>
- Andersen, Z., Hoffmann, B., Morawska, L., Adams, M., Furman, E., Yorgancioglu, A., Greenbaum, D., Neira, M., Brunekreef, B., Forastiere, F., Rice, M., Wakenhut, F., Colen, E., Boogaard, H., Gehring, U., Melén, E., Ward, B., and De Matteis, S. Air pollution and COVID-19 – clearing the air and charting a post-pandemic course: a joint workshop report of ERS, ISEE, HEI and WHO. *European Respiratory Journal*, 58(2): 2101063, 2021. <https://doi.org/10.1183/13993003.01063-2021>
- Morawska, L., Zhu, T., Liu, N., Torkmahalleh, M.A., de Fatima Andrade, M., Barratt, B., Broomandi, P., Buonanno, G., Ceron, L.C.B., Chen, J., Cheng, Y., Evans, G., Gavidia, M., Guo, H., Hanigan, I., Hu, H., Jeong, C.H., Kelly, F., Gallardo, L., Kumar, P., Lyu, X., Mullins, B.J., Nordström, C., Pereira, G., Querol, X., Roa, N.Y.R., Russell, A., Thompson, H., Wang, H., Wang, L., Wang, T., Wierzbicka, A., Xue, T. and Ye, C. The state of science on severe air pollution episodes: quantitative and qualitative analysis. *Environment International*, 156: 106732, 2021. <https://doi.org/10.1016/j.envint.2021.106732>
- Wang, H., He, C., Modini, R.L., Wang, W., Lu, H. and Morawska, L. Mixing state of printer generated ultrafine particles: Implications for the complexity of indoor aerosols. *Atmospheric Environment*, 259: 118550, 2021. <https://doi.org/10.1016/j.atmosenv.2021.118550>
- Stabile, L., Pacitto, A., Mikszewski, A., Morawska, L. and Buonanno, G. Ventilation procedures to minimize the airborne transmission of viruses in classrooms. *Building and Environment*, 202: 108042, 2021. <https://doi.org/10.1016/j.buildenv.2021.108042>
- Morawska, L. and Buonanno, G. The physics of particle formation and deposition during breathing. *Nature Reviews Physics*, 3: 300-301, 2021. <https://doi.org/10.1038/s42254-021-00307-4>
- Pereira, G., Bell, M.L., Honda, Y., Lee, J.-T., Morawska, L. and Jalaludin, L. Energy Transitions, Air Quality and Health. *Environmental Research Letters*, 16: 020202, 2021. <https://doi.org/10.1088/1748-9326/abdae>

- Tan, F., Guo, Y., Zhang, W., Xu, X., Zhang, M., Meng, F., Liu, S. and Morawska, L. Large-scale spraying of roads with water contributes to, rather than prevents, air pollution. *Toxics, Special Issue Integrated Effects of Air Pollutions and Climate Change on Human Health*, 9(6): 122-135, 2021. <https://doi.org/10.3390/toxics9060122>
- Morawska, L., Allen, J., Bahnfleth, W., Bluysen, P.M., Boerstra, A., Buonanno, G., Cao, J., Dancer, S.J., Floto, A., Franchimon, F., Greenhalgh, T., Haworth, C., Hogeling, J., Isaxon, C., Jimenez, J.L., Kurnitski, J., Li, Y., Loomans, M., Marks, G.B., Marr, L.C., Mazzarella, L., Melikov, A.K., Miller, S., Milton, D.K., Nazaroff, W., Nielsen, P.V., Noakes, C., Peccia, J., Prather, K., Querol, X., Sekhar, S., Seppänen, O., Tanabe, S., Tang, J.W., Tellier, R., Tham, K.W., Wargocki, P., Wierzbicka, A. and Yao, M. A paradigm shift to combat indoor respiratory infection. *Science*, 372(6543): 689-691, 2021. **Paper ranked in the top 5% of all research outputs scored by Altmetric (14/05/2021).** <https://doi.org/10.1126/science.abg2025>
- Yang, B.-Y., Qu, Y., Guo, Y., Markevych, I., Heinrich, J., Bloom, M.S., Bai, Z., Knibbs, L.D., Li, S., Chen, G., Jalaludin, B., Morawska, L., Gao, M., Han, B., Yu, Y., Liu, X.-X., Ou, Y., Mai, J., Gao, X., Wu, Y., Nie, Z., Zeng, X.-W., Zeng, X.-W., Hu, L.-W., Shen, X., Zhou, Y., Lin, S., Liu, X. and Dong, G.-H. Maternal exposure to ambient air pollution and congenital heart defects in China. *Environment International*, 153: 106548, 2021. <https://doi.org/10.1016/j.envint.2021.106548>
- Han, C., Xu, R., Zhang, Y., Yu, W., Zhang, Z., Morawska, L., Heyworth, J., Jalaludin, B., Morgan, G., Abramson, M., Sun, L., Li, S. and Guo, Y. Air pollution control efficacy and health impacts: A global observational study from 2000 to 2016. *Environmental Pollution*, 287: 117211, 2021. <https://doi.org/10.1016/j.envpol.2021.117211>
- Niazi, S., Groth, R., Cravigan, L., He, C., Tang, J. W., Spann, K. and Johnson, G. R. Susceptibility of an Airborne Common Cold Virus to Relative Humidity. *Environmental Science & Technology*, 55(1): 499-508, 2021. <https://doi.org/10.1021/acs.est.0c06197>
- Tang, J.W., Bahnfleth, W.P., Bluysen, P.M., Buonanno, G., Jimenez, J.L., Kurnitski, J., Li, Y., Miller, S., Sekhar, C., Morawska, L., Marr, L.C., Melikov, A.K., Nazaroff, W.W., Nielsen, P.V., Tellier, R., Wargocki, P. and Dancer, J.J., Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). *Journal of Hospital Infection*, 110: 89-96, 2021. **This paper is ranked in the top 5% of all research outputs scored by Altmetric (14/01/2022).** <https://doi.org/10.1016/j.jhin.2020.12.022>
- Torkmahalleh, M.A., Akhmetvaliyeva, Z., Omran, A.D., Omran, F.D., Kazemitabar, M., Naseri, M., Naseri, M., Sharifi, H., Malekipirbazari, M., Adotey, E.K., Gorjinezhad, S., Eghtesadi, N., Sabanov, S., Alastuey, A., de Fátima Andrade, M., Buonanno, G., Carbone, S., Cárdenas-Fuentes, D.E., Cassee, F.R., Dai, Q., Henríquez, A., Hopke, P.K., Keronen, P., Khwaja, H.A., Kim, J., Kulmala, M., Kumar, P., Kushta, J., Kuula, J., Massagué, J., Mitchell, T., Mooibroek, D., Morawska, L., Niemi, J.V., Ngagine, S.H., Norman, M., Oyama, B., Oyola, P., Öztürk, F., Petäjä, T., Querol, X., Rashidi, Y., Reyes, F., Ross-Jones, M., Salthammer, T., Savvides, C., Stabile, L., Sjöberg, K., Söderlund, K., Raman, R.S., Timonen, H., Umezawa, M., Viana, M. and Xie, S. Global Air Quality and COVID-19 Pandemic: Do We Breathe Cleaner Air? *Aerosol and Air Quality Research*, 21(4): 1-10, 2021. <https://doi.org/10.4209/aaqr.200567>
- Lee-Archer, P.L., Boyd, D., Du, T., Elliott, R., Graydon, C., Paterson, N. and Morawska, L. A comparison of anaesthetic protective barriers for the management of COVID-19 pediatric patients. *Pediatric Anaesthesia*, 31(3): 323-329, 2021. <https://doi.org/10.1111/pan.14103>
- Zhou, L., Yao, M., Zhang, X., Hu, B., Li, X., Chen, H., Zhang, L., Liu, Y., Dy, M., Sun, B., Jiang, Y., Zhou, K., Hong, J., Yu, N., Ding, Z., Xu, Y., Hu, M., Morawska, L., Grinshpun, S.A., Biswas, P., Flanagan, R.C., Zhu, B., Liu, W., and Zhang, Y. Breath-, air- and surface-borne SARS-CoV-2 in hospitals. *Journal of Aerosol Science*, 152: 105693, 2021. <https://doi.org/10.1016/j.jaerosci.2020.105693>
- Kuhn, T., Jayaratne, E.R., Thai, P., Christensen, B., Liu, X., Dunbabin, M., Lamont, R., Zing, I., Wainwright, D., Witte, C., Neale, D. and Morawska, L. Air Quality during and after the Commonwealth Games 2018 in Australia: multiple benefits of monitoring. *Journal of Aerosol Science*, 152: 105707, 2021. <https://doi.org/10.1016/j.jaerosci.2020.105707>
- Pacitto, A., Stabile, L., Morawska, L., Nyarku, M., Torkmahalleh, M.A., Akhmetvaliyeva, A., Andrade, A., Dominski, F.H., Mantecca, P., Shetaya, W.H., Mazaheri, M., Jayaratne, E.R., Marchetti, S., Hassan, S.K., El-Mekawy, A., Mohamed, E.F., Frattolillo, A. and Buonanno, G. Daily submicron particle doses received by populations living in different low- and middle-income countries. *Environmental Pollution*, 269: 116229, 2021. <https://doi.org/10.1016/j.envpol.2020.116229>
- Tomson, M., Kumar, P., Barwise, Y., Perez, P., Forehead, H., French, K., Morawska, L. Watts, J. Green Infrastructure for Air Quality Improvement in Street Canyons. *Environment International*, 146: 106288, 2021. <https://doi.org/10.1016/j.envint.2020.106288>
- Jayaratne, E.R., Thai, P., Christensen, B., Liu, X., Lamont, R., Dunbabin, M., Dawkins, L., Bertrand, L and Morawska, L. The Effect of Cold-Start Emissions on the Diurnal Variation of Carbon Monoxide Concentration in a City Centre. *Atmospheric Environment*, 245: 118035, 2021. <https://doi.org/10.1016/j.atmosenv.2020.118035>
- Tran, Q.N., Nguyen, H.T., Mac, D.V., Tran, L.K., Thai, P.H., Morawska, L. and Thai, P.K., Motorcyclists have much higher exposure to black carbon compared to other commuters in traffic of Hanoi, Vietnam. *Atmospheric Environment*, 245: 118029, 2021. <https://doi.org/10.1016/j.atmosenv.2020.118029>
- Stabile, L., De Luca, G., Pacitto, A., Morawska, L., Avino, P. and Buonanno, G. Ultrafine particle emission from floor cleaning products. *Indoor Air*, 31: 63-73, 2021. <https://doi.org/10.1111/ina.12713>
- Dawkins, L.C., Williamson, D.B., Mengersen, K.L., Morawska, L., Jayaratne, E.R. and Shaddick, G. Where is the clean air? A Bayesian decision framework for personalised cyclist route selection using R-INLA. *Bayesian Analysis*, 16(1):61-91, 2021. <https://doi.org/10.1214/19-BA1193>

2020

- Soriano, J.B., and **GBD 2017 Chronic Respiratory Disease Collaborators** inc. Morawska, L. Prevalence and attributable health burden of chronic respiratory diseases, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Respiratory Medicine*, 8(6): 585-596, 2020. [https://doi.org/10.1016/S2213-2600\(20\)30105-3](https://doi.org/10.1016/S2213-2600(20)30105-3)
- Murray, C.L., and **GBD 2019 Risk Factors Collaborators** inc. Morawska, L. Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258): 1223-1249, 2020. [https://doi.org/10.1016/S0140-6736\(20\)30752-2](https://doi.org/10.1016/S0140-6736(20)30752-2)
- Vos, T., and **GBD 2019 Diseases & Injuries Capstone Collaborators** inc. Morawska, L. Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258): 1204-1222, 2020. [https://doi.org/10.1016/S0140-6736\(20\)30925-9](https://doi.org/10.1016/S0140-6736(20)30925-9)
- Wang, H. and **GBD 2019 Demographics Capstone Collaborators** inc. Morawska, L. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258): 1160-1203, 2020. [https://doi.org/10.1016/S0140-6736\(20\)30977-6](https://doi.org/10.1016/S0140-6736(20)30977-6)

- Murray, C.L., and **GBD 2019 Capstone Overview Collaborators** inc. Morawska, L. Five Insights from the Global Burden of Disease Study 2019. *The Lancet*, 396(10258): 1135-1159, 2020. [https://doi.org/10.1016/S0140-6736\(20\)31404-5](https://doi.org/10.1016/S0140-6736(20)31404-5)
- Scungio, M., Rizza, V., Stabile, L., Morawska, L. and Buonanno, G. Influence of methodology on the estimation of the particle surface area dose received by a population in all-day activities. *Environmental Pollution*, 266(Part 2): 115209, 2020. <https://doi.org/10.1016/j.envpol.2020.115209>
- George, C.E., Salzman, J., Inbaraj, L.R., Chandrasingh, S., Klein, C., Morawska, L. and Edwards, D. Airway Hygiene in Children and Adults for Lowering Respiratory Droplet Exposure in Clean and Dirty Air. *Molecular Frontiers Journal*, 4(1): 46-47, 2020. <https://doi.org/10.1142/S2529732520400076>
- Gali, N.K., Stevanovic, S., Brimblecombe, P., Brown, R.A., Ristovski, Z.D. and Ning, Z. The diurnal characteristics of PM-bound ROS and its influencing factors at urban ambient and roadside environments. *Atmospheric Research*, 244: 105039, 2020. <https://doi.org/10.1016/j.atmosres.2020.105039>
- Sarvestani, N.S., Abbaspour-Fard, M.H., Tabasizadeh, M., Nayebzadeh, H., Van, T.C., Jafari, M., Ristovski, Z.D. and Brown, R.J. Synthesis of magnetite Mg-Fe mixed metal oxide nanocatalyst by urea-nitrate combustion method with optimal fuel ratio for reduction of emissions in diesel engines. *Journal of Alloys and Compounds*, 838: 155627, 2020. <https://doi.org/10.1016/j.jallcom.2020.155627>
- Davidović, M., Davidović, M., Jovanović, R., Kolarž, P., Jovašević-Stojanović, M. and Ristovski, Z.D. Modeling indoor particulate matter and small ion concentration relationship-A comparison of a balance equation approach and data driven approach. *Applied Sciences (Switzerland)*, 10(17): 5939, 2020. <https://doi.org/10.3390/app10175939>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Jafari, M., Ristovski, Z.D., Brown, R. and Bodisco, T. Combustion Analysis of a Diesel Engine during Warm up at Different Coolant and Lubricating Oil Temperatures. *Energies*, 13(15): 3931, 2020. <https://doi.org/10.3390/en13153931>
- Alroe, J., Cravigan, L., Miljevic, B., Johnson, G.R., Selleck, P.W., Humphries, R., Keywood, M.D., Chambers, S.D., Williams, A.G. and Ristovski, Z.D. Marine productivity and synoptic meteorology drive summer-time variability in Southern Ocean aerosols. *Atmospheric Chemistry and Physics*, 20(13): 8047-8062, 2020. <https://doi.org/10.5194/acp-20-8047-2020>
- Cravigan, L., Mallet, M., Vaattovaara, P.J., Harvey, M.S., Law, C.L., Modini, R., Russell, L.M., Stelcer, E., Choen, D.D., Olsen, G., Safi, K., Burrell, T.J. and Ristovski, Z.D. Sea spray aerosol organic enrichment, water uptake and surface tension effects. *Atmospheric Chemistry and Physics*, 20(13): 7955-7977, 2020. <https://doi.org/10.5194/acp-20-7955-2020>
- Lodi, F., Zare, A., Arora, P., Stevanovic, S., Jafari, M., Ristovski, Z.D., Brown, R. and Bodisco, T.A. Engine performance and emissions analysis in a cold, intermediate and hot start diesel engine. *Applied Sciences (Switzerland)*, 10(11): 3839, 2020. <https://doi.org/10.3390/app10113839>
- Guo, Y., Ristovski, Z.D., Graham, E., Stevanovic, S., Verma, P., Jafari, M., Miljevic, B. and Brown, R. The correlation between diesel soot chemical structure and reactivity. *Carbon*, 161: 736-749, 2020. <https://doi.org/10.1016/j.carbon.2020.01.061>
- Strzelec, M., Proemse, B., Gault-Ringold, M., Boyd, P., Perron, M., Schofield, R., Ryan, R.G., Ristovski, Z.D., Alroe, J., Humphries, R., Keywood, M.D., Ward, J. and Bowie, A.R. Atmospheric trace metal deposition near the Great Barrier Reef, Australia. *Atmosphere*, 11(4): 390, 2020. <https://doi.org/10.3390/atmos11040390>
- Hossain, F.M., Nabi, M.N., Rainey, T.J., Bodisco, T., Bayley, T., Randall, D., Ristovski, Z.D. and Brown, R. Novel biofuels derived from waste tyres and their effects on reducing oxides of nitrogen and particulate matter emissions. *Journal of Cleaner Production*, 242: 118463, 2020. <https://doi.org/10.1016/j.jclepro.2019.118463>
- Roth, G.A. and **GBD 2019 JACC CVD Collaborators** inc. Morawska, L. Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019: Update From the GBD 2019 Study. *JACC: Journal of the American College of Cardiology*, 76(25): 2982-3021, 2020. <https://www.jacc.org/doi/10.1016/j.jacc.2020.11.010>
- Moreno, T., Pintó, R.M., Bosch, A., Moreno, N., Alastuey, A., Minguillón, M.C., Anfruns-Estrada, E., Guix, S., Fuentes, C., Buonanno, G., Stabile, L., Morawska, L. and Querol, X. Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. *Environment International*, 147: 106326, 2020. <https://doi.org/10.1016/j.envint.2020.106326>
- Dancer, S.J., Tang, J.W., Marr, L.C., Miller, S., Morawska, L. and Jimenez, J.L. Putting a balance on the aerosolization debate around SARS-CoV-2. *Journal of Hospital Infection*, 105(3): 569-570, 2020. <https://doi.org/10.1016/j.jhin.2020.05.014>
- Pereira, M.L., Vilain, R., Kawase, P.R., Tribess, A. and Morawska, L. Impact of Filtration Conditions on Air Quality in an Operating Room. *International Journal of Environmental Research*, 14: 685-692, 2020. <https://doi.org/10.1007/s41742-020-00286-x>
- Wang, R., Xiong, Y., Xing, X., Yang, R., Li, J., Wang, Y., Cao, J., Balkanski, Y., Peñuelas, J., Ciais, P., Hauglustaine, D., Sardans, J., Chen, J., Ma, J., Xu, T., Kan, H., Zhang, Y., Oda, R., Morawska, L., Zhang, R. and Tao, S. Daily CO₂ emission reduction indicates the control of activities to contain COVID-19 in China. *The Innovation*, 1(3): 100062, 2021. <https://doi.org/10.1016/j.xinn.2020.100062>. **One of the most read articles for the journal in December 2020.**
- Xing, J., Lu, X., Wang, S., Wang, T., Ding, D., Yu, S., Shindell, D., Ou, Y., Morawska, L., Li, S., Ren, L., Zhang, Y., Loughlin, D., Zheng, H., Zhao, B., Liu, S., Smith, K.R. and Hao, J. The quest for improved air quality may push China to fulfill the Paris Commitment. *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*, 117(47): 29535-29542, 2020. <https://doi.org/10.1073/pnas.2013297117>
- Miller, S.L., Nazaroff, W.W., Jimenez, J.L., Boerstra, A., Buonanno, G., Dancer, S.J., Kurnitski, J., Marr, L.C., Morawska, L. and Noakes, C. Transmission of SARS-CoV-2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. *Indoor Air*, 31(2): 314-232, 2020. **Top cited article for 2020-2021 in Indoor Air (4/04/2022).** <https://doi.org/10.1111/ina.12751>
- Dong, G.-H., Jalaludin, B., Yang, B.-Y., Yu, H.-Y., Markevych, I., Heinrich, J., Morawska, L., Hu, L.-W., Knibbs, L.D., Hirvonen, M.-R., Reponen, M., Bloom, M.S., Komppula, M., Yang, M., Jalava, P., Lin, S., Dharmage, S.C., Yim, S.H.L., Zeng, X.-W., Guo, Y.-M. Is PM₁ similar to PM_{2.5}? A new insight into the effects of PM₁ and PM_{2.5} on children's lung function. *Environment International*, 145: 106092, 2020. <https://doi.org/10.1016/j.envint.2020.106092>
- Buonanno, G., Morawska, L. and Stabile, L. Quantitative assessment of the risk of airborne transmission of SARS-CoV-2 infection: prospective and retrospective applications. *Environment International*, 145: 106112, 2020. <https://doi.org/10.1016/j.envint.2020.106112>
- Tran, L.K., Morawska, L., Gartner, C.E., Huong, L.T.T., Le, H.H.T.C. and Thai, Phong. Secondhand smoke in public places in Vietnam: An assessment 5 years after implementation of the tobacco control law. *Tobacco Control*, 0: 1-7, 2020. <http://dx.doi.org/10.1136/tobaccocontrol-2020-055753>

- Guo, L., Salimi, F., Wang, H., Hofmann, W., Johnson, G.R., Marks, G.B., Toelle, B. and Morawska, L. Experimentally Determined Deposition of Ambient Urban Ultrafine Particles in the Respiratory Tract of Children. *Environmental International*, 145: 106094, 2020. <https://doi.org/10.1016/j.envint.2020.106094>
- Ma, J., Qi., X., Chen, H., Li, X., Zhang, Z., Wang, H., Sun, L., Zhang, L., Guo, J., Morawska, L., Grinshpun, S.A., Biswas, P., Flagan, R.C. and Yao, M. COVID-19 patients in earlier stages exhaled millions of SARS-CoV-2 per hour. *Clinical Infectious Diseases*, ciaa1283, 2020. <https://doi.org/10.1093/cid/ciaa1283>
- Sunjaya, A.P. and Morawska, L. Evidence Review and Practice Recommendation on the Material, Design and Maintenance of Cloth Masks. *Disaster Medicine and Public Health Preparedness*, 14(5): e42-e46, 2020. <https://doi.org/10.1017/dmp.2020.317>
- Kumar, P., Salam, A., Muula, A.S., El-Gendy, A., Ngowi, A.V., Asfaw, A., Jeba, F., Martinez, J., Omer, K., Aziz, K.H., Morawska, L., de Fatima Andrade, M., Meng, M.-R., Khare, M., Osano, P., Moustafa, R.A., Hama, S., Islam, S., Cao, S., Nagendra, S., Mamuya, S.H., Nogueira, T., Brand, V.S. and Olaya, Y. In-Car Particulate Matter Exposure across Ten Global Cities. *Science of the Total Environment*, 750: 141395, 2020. <https://doi.org/10.1016/j.scitotenv.2020.141395>
- Vardoulakis, S., Salmond, J., Krafft, T. and Morawska, L. Urban environmental health interventions towards the Sustainable Development Goals. *Science of the Total Environment*, 748: 141530, 2020. <https://doi.org/10.1016/j.scitotenv.2020.141530>
- Cole-Hunter, T., Johnston, F.H., Marks, G.B., Morawska, L., Morgan, G.G., Overs, M., Porta-Cubas, A. and Cowie, C. The health impacts of Waste-to-Energy emissions: A systematic review of the literature. *Environmental Research Letters*, 15: 123006, 2020. <https://doi.org/10.1088/1748-9326/abae9f>
- Jayarathne, E.R., Kuhn, T., Christensen, B., Liu, X., Zing, I., Lamont, R., Dunbabin, M., Maddox, J., Fisher, G. and Morawska, L. Using a Network of Low-Cost Particle Sensors to Assess the Impact of Ship Emissions on a Residential Community. *Aerosol and Air Quality Research*, 20(12): 2754-2764, 2020. <https://doi.org/10.4209/aaqr.2020.06.0280>
- De Jesus, A.L., Thompson, H., Knibbs, L.D., Hanigan, I., De Torres, L., Fisher, G., Berko, H. and Morawska, L. Two decades of trends in urban particulate matter concentrations across Australia. *Environmental Research*, 190: 110021, 2020. <https://doi.org/10.1016/j.envres.2020.110021>
- Morawska, L. and Milton, D. Reply to Chagla et al., and Thomas re: It is Time to Address Airborne Transmission of COVID-19. *Clinical Infectious Diseases*, ciaa1118, 2020. <https://doi.org/10.1093/cid/ciaa1121>
- Salonen, H., Salthammer, T. and Morawska, L. Human exposure to indoor air contaminants in indoor sport environments. *Indoor Air*, 30(6): 1109-1129, 2020. <https://doi.org/10.1111/ina.12718>
- Xiu, M., Wang, X., Morawska, L., Pass, D., Beecroft, A., Mueller, J.F. and Thai, P. Emissions of particulate matters, volatile organic compounds and polycyclic aromatic hydrocarbons from warm and hot asphalt mixes. *Journal of Cleaner Production*, 275: 123094, 2020. <https://doi.org/10.1016/j.jclepro.2020.123094>
- Wang, L., Zhang, L., Ristovski, Z.D., Zheng, X., Wang, H., Li, L., Gao, J., Salimi, F., Gao, Y., Jing, S. and Wang, L. Assessing the Effect of Reactive Oxygen Species and Volatile Organic Compound Profiles Coming From Certain Types of Chinese Cooking on the Toxicity of Human Bronchial Epithelial Cells. *Environmental Science & Technology*, 54 (14): 8868-8877, 2020. <https://dx.doi.org/10.1021/acs.est.9b07553?ref=pdf>
- Morawska, L. and Milton, D. It is Time to Address Airborne Transmission of COVID-19. *Clinical Infectious Diseases*, 71(9): 2311-2313, 2020. <https://doi.org/10.1093/cid/ciaa939>. **Open Letter is ranked in the top 5% of all research outputs scored by Altmetric and sits at #8 in the Top 100 Altmetric papers for 2020.**
- Riediker, M. and Morawska, L. Low exhaled breath droplet formation may explain why children are poor SARS-CoV-2 transmitters. *Aerosol and Air Quality Research*, 20(7): 1513-1515, 2020. <https://doi.org/10.4209/aaqr.2020.06.0304>
- Liu, N., Liu, X., Jayaratne, E.R. and Morawska, L. A study on extending the use of air quality monitor data via deep learning techniques. *Journal of Cleaner Production*, 274: 122956, 2020. <https://doi.org/10.1016/j.jclepro.2020.122956>
- Bertrand, L., Dawkins, L., Jayaratne, E.R. and Morawska, L. How to choose healthier urban biking routes: CO as a proxy of traffic pollution. *Heliyon*, 6(6): e04195, 2020. <https://doi.org/10.1016/j.heliyon.2020.e04195>
- Xiao, X., Yang, B.Y., Hu, L.W., Markevych, I., Bloom, M.S., Dharmage, S.C., Jalaludin, B., Knibbs, L.D., Heinrich, J., Morawska, L. and Lin, S. Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. *Environmental Pollution*, 256: 113422, 2020. <https://doi.org/10.1016/j.heliyon.2020.e04195>
- Liu, K., Yang, B.Y., Guo, Y., Bloom, M.S., Dharmage, S.C., Knibbs, L.D., Heinrich, J., Leskinen, A., Lin, S., Morawska, L. and Jalaludin, B. The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: new insights from the Seven Northeastern Cities Study in China. *Environmental Research*, 187: 109624, 2020. <https://doi.org/10.1016/j.envres.2020.109624>
- Sarvestani, N.S., Tabasizadeh, M., Abbaspour-Fard, M.H., Nayeibzadeh, H., Karimi-Maleh, H., Van, T.C., Jafari, M., Ristovski, Z. and Brown, R.J. Influence of doping Mg cation in Fe₃O₄ lattice on its oxygen storage capacity to use as a catalyst for reducing emissions of a compression ignition engine. *Fuel*, 272: 117728, 2020. <https://doi.org/10.1016/j.fuel.2020.117728>
- Zare, A., Bodisco, T.A., Verma, P., Jafari, M., Babaie, M., Yang, L., Rahman, M.M., Banks, A., Ristovski, Z.D., Brown, R.J. and Stevanovic, S. Emissions and performance with diesel and waste lubricating oil: A fundamental study into cold start operation with a special focus on particle number size distribution. *Energy Conversion and Management*, 209: 112604, 2020. <https://doi.org/10.1016/j.enconman.2020.112604>
- Brown, R., Stevanovic, S., Bottle, S., Wang, H., Hu, Z., Wu, C., Wang, B. and Ristovski, Z.D., The Relationship between Atmospheric PM-bound Reactive Oxygen Species (ROS), their Half-Lives, and Regulated Pollutants: Investigation and Preliminary Model. *Environmental Science and Technology*, 54(8): 4995-5002, 2020. <https://doi.org/10.1021/acs.est.9b06643>
- Samoli, E., Rodopoulou, S., Schneider, A., Morawska, L., Stafoggia, M., Renzi, M., Breitner, S., Lanki, T., Pickford, R., Schikowski, T., Enembe, O., Zhang, S., Zhao, Q. and Peters, A. Meta-analysis on short-term exposure to ambient ultrafine particles and respiratory morbidity. *European Respiratory Review*, 29: 200116, 2020. <https://doi.org/10.1183/16000617.0116-2020>
- Morawska, L., Tang, J., Bahnfleth, W., Bluysen, P.M., Boerstra, A., Buonanno, G., Cao, J., Dancer, S., Floto, A., Franchimon, F., Haworth, C., Hogeling, J., Isaxon, C., Jimenez, J.L., Kurnitski, J., Li, Y., Loomans, M., Marks, G., Marr, L.C., Mazzearella, L., Melikov, A.K., Miller, S., Milton, D., Nazaroff, W., Nielsen, P.V., Noakes, C., Peccia, J., Querol, X., Sekhar, C., Seppänen, O., Tanabe, S., Tellier, R., Tham, K.W., Wargocki, P., Wierzbicka, A. and Yao, M. How can airborne transmission of COVID-19 indoors be minimised? *Environment International*, 142: 105832, 2020. **Paper ranked in the top 5% of all research outputs scored by Altmetric (14/01/2022).** <https://doi.org/10.1016/j.envint.2020.105832>

- Buonanno, G., Stabile, L. and Morawska, L. Estimation of airborne viral emission: Quanta emission rate of SARS-CoV-2 for infection risk assessment. *Environment International*, 141: 105794, 2020. <https://doi.org/10.1016/j.envint.2020.105794>
- Zhang, C., Wang, H., Bai, L. Wu, C., Shen, L., Sippula, O., Yang, J., Zhou, L., He, C., Liu, J., Ristovski, Z.R., Morawska, L. and Wang, B. Should industrial bagasse-fired boilers be phased out in China? *Journal of Cleaner Production*, 265: 121716, 2020. <https://doi.org/10.1016/j.jclepro.2020.121716>
- Morawska, L. and Cao, J. Airborne transmission of SARS-CoV-2: the world should face the reality. *Environment International*, 139: 105730, 2020. **This was the most downloaded Environment International article for the month of May 2020. This paper is also ranked in the top 5% of all research outputs scored by Altmetric (14/01/2022).** <https://doi.org/10.1016/j.envint.2020.105730>
- Liu, N. and Morawska, L. The relationship between social development and ambient particulate matter pollution: can we predict the turning points? *Environmental Management*, 66: 278–287, 2020. <https://doi.org/10.1007/s00267-020-01299-0>
- Liu, N. and Morawska, L. Modeling the urban heat island mitigation effect of cool coatings in realistic urban morphology. *Journal of Cleaner Production*, 264: 121560, 2020. <https://doi.org/10.1016/j.jclepro.2020.121560>
- De Jesus, A., Thompson, H., Knibbs, L.D., Kowalski, M., Cyrus, J., Niemi, J.V., Kousa, A., Timonen, H., Luoma, K., Petäjä, T., Beddors, D., Harrison, R.M., Hopke, P. and Morawska, L. Long-term trends in PM_{2.5} mass and particle number concentrations in urban air: the impacts of mitigation measures and changing climates. *Environmental Pollution*, 263 (Part A): 114500, 2020. <https://doi.org/10.1016/j.envpol.2020.114500>
- Liu, X., Jayaratne, E.R., Thai, P., Kuhn, T., Zing, I., Christensen, B., Lamont, R., Dunbabin, M., Zhu, S., Gao, J., Wainwright, D., Neale, D., Kan, R., Kirkwood, J. and Morawska, L. Low-cost sensors as an alternative for long-term air quality monitoring. *Environmental Research*, 185: 109438, 2020. <https://doi.org/10.1016/j.envres.2020.109438>
- Tran, L.K., He, C., Phuc, D.H., Toms, L.M., Wang, X., Xiu, M., Mueller, J.F., Covaci, A., Morawska, L. and Thai, P.K. Monitoring the levels of brominated and organophosphate flame retardants in passenger cars: Utilisation of car air filters as active samplers. *Journal of Environmental Sciences*, 91: 142-150, 2020. <https://doi.org/10.1016/j.jes.2020.01.014>
- Jayaratne, E.R., Liu, X., Ahn, K.H., Asumadu-Sakyi, A.B., Fisher, G., Gao, J., Mabon, A., Mazaheri, M., Mullins, B.J., Nyaku, M., Ristovski, Z.D., Scorgie, Y., Thai, P.K., Dunbabin, M. and Morawska, L. Low-cost PM_{2.5} sensors: an assessment of their suitability for various applications. *Aerosol and Air Quality Research*, 20: 520–532, 2020. <https://doi.org/10.4209/aaqr.2018.10.0390>
- Driscoll, T., and **GBD 2016 Occupational Chronic Respiratory Risk Factors Collaborators** inc. Morawska, L. Global and regional burden of chronic respiratory disease in 2016 arising from non-infectious airborne occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016. *Occupational & Environmental Medicine*, 77: 142-150, 2020. <http://dx.doi.org/10.1136/oemed-2019-106349>
- Driscoll, T., and **GBD 2016 Occupational Risks Factors Collaborators** inc. Morawska, L. Global and regional burden of disease and injury in 2016 arising from occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016. *Occupational & Environmental Medicine*, 77: 133-141, 2020. <http://dx.doi.org/10.1136/oemed-2019-106008>
- Driscoll, T., and **GBD 2016 Occupational Exposure to Carcinogens Collaborators** inc. Morawska, L. Global and regional burden of cancer in 2016 arising from occupational exposure to carcinogens: a systematic analysis for the Global Burden of Disease Study 2016. *Occupational & Environmental Medicine*, 77: 151–159, 2020. <http://dx.doi.org/10.1136/oemed-2019-106012>
- James, S., and **GBD 2017 Injuries Collaborators** inc. Morawska, L. Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. *BMJ Injury Prevention*, 26: i46–i56, 2020. <http://dx.doi.org/10.1136/injuryprev-2019-043302>
- Kuang, Y., Guo, Y., Chai, J., Shang, J., Zhu, J., Stevanovic, S. and Ristovski, Z.D. Comparison of light absorption and oxidative potential of biodiesel/diesel and chemicals/diesel blends soot particles. *Journal of Environmental Sciences*, 87: 184-193, 2020. <https://doi.org/10.1016/j.jes.2019.06.014>
- Obeid, F., Van, T.C., Horchler, E.J., Guo, Y., Verma, P., Miljevic, B., Brown, R.J., Ristovski, Z.D., Bodisco, T.A. and Rainey, T. Engine performance and emissions of high nitrogen-containing fuels. *Fuel*, 264: 116805, 2020. <https://doi.org/10.1016/j.fuel.2019.116805>
- Verma, P., Jafari, M., Rahman, S.A., Pickering, E., Stevanovic, S., Dowell, A., Brown, R. and Ristovski, Z.D. The impact of chemical composition of oxygenated fuels on morphology and nanostructure of soot particles. *Fuel*, 259: 11616, 2020. <https://doi.org/10.1016/j.fuel.2019.116167>
- Chu-Van, T., Surawski, N., Ristovski, Z.D., Yuan, C.S., Stevanovic, S., Rahman, S.A., Hossain, F.M., Guo, Y., Rainey, T. and Brown, R.J., 2020. The effect of diesel fuel sulphur and vanadium on engine performance and emissions. *Fuel*, 261: 116437, 2020. <https://doi.org/10.1016/j.fuel.2019.116437>
- Yang, B.-Y., Hu, L.-W., Jalaludin, B., Knibbs, L.D., Markevych, I., Heinrich, J., Bloom, M.S., Morawska, L., Lin, S., Javala, P., Roponen, M., Gao, M., Chen, D.-H., Zhou, Y., Yu, H.-Y., Liu, R.-Q., Zeng, X.-W., Zeeshan, M., Guo, Y., Yu, Y., and Dong, G.-H. Association Between Residential Greenness, Cardiometabolic Disorders, and Cardiovascular Disease Among Adults in China. *JAMA Network Open*, 3(9): e2017507, 2020. <http://doi.org/10.1001/jamanetworkopen.2020.17507>
- Yang, B.-Y., Liu, K.-K., Markevych, I., Knibbs, L.D., Bloom, M.S., Dharmage, S.C., Lin, S., Morawska, L., Heinrich, J., Gao, M., Guo, Y., Zhou, Y., Huang, W.-Z., Yu, H.-Y., Zeng, X.-W., Hu, L.-W., Hu, Q. and Dong, G.-H. Association between residential greenness and metabolic syndrome in Chinese adults. *Environment International*, 135: 105388, 2020. <https://doi.org/10.1016/j.envint.2019.105388>
- Xiu, G., Zhang, K., Yan, L., Zhou, L., Morawska, L., Fu, Q. and Jayaratne, E.R. Sources and vertical distribution of PM_{2.5} over Shanghai during the winter of 2017. *Science of the Total Environment*, 706: 135683, 2020. <https://doi.org/10.1016/j.scitotenv.2019.135683>
- Rahman, M.M., Karunasinghe, J., Clifford, S., Knibbs, L.D. and Morawska, L. New insights into the spatial distribution of particle number concentrations by applying non-parametric land use regression modelling. *Science of the Total Environment*, 702: 134708, 2020. <https://doi.org/10.1016/j.scitotenv.2019.134708>
- Huang, W.-Z., Yang, B.-Y., Bloom, M.S., Markevych, I., Heinrich, J., Knibbs, L.K., Leskinen, A., Dharmage, S.C., Jalaludin, B., Morawska, L., Javala, P., Guo, Y., Lin, S., Yu, H.-Y., Zhou, Y., Liu, R.-Q., Feng, D., Hu, L.-W., Zeng, X.-W., Hu, Q., Yu, Y. and Dong, G.-H. Association between community greenness and obesity in urban-dwelling Chinese adults. *Science of the Total Environment*, 702: 135040, 2020. <https://doi.org/10.1016/j.scitotenv.2019.135040>
- Liu, K., Guo, Y., Qian, Z., Dharmage, S.C., Bloom, M.S., Heinrich, J., Jalaludin, B., Markevych, I., Morawska, L., Knibbs, L.D., Hinyard, L., Xian, H., Liu, S., Lin, S., Leskinen, A., Komppula, M., Javala, P., Roponen, M., Hu, L.-W., Zeng, X.-W., Hu, W., Yang, B.-Y., Dong, G.-H. Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. *Environmental Pollution*, 256: 113434, 2020.

- Troeger, C.E., and **2017 LRI Policy Collaborators** inc. Morawska, L. Quantifying risks and interventions to prevent and protect against lower respiratory infection health-loss among children younger than 5 years old: An analysis of the Global Burden of Disease study 2017. *The Lancet Infectious Diseases*, 20(1): 60-79, 2020. [https://doi.org/10.1016/S1473-3099\(19\)30410-4](https://doi.org/10.1016/S1473-3099(19)30410-4)
- Graetz, M. and **Local Burden of Disease (LBD) Educational Attainment Collaborators** inc. Morawska, L. Mapping disparities in education across low- and middle-income countries. *Nature*, 577(7789): 235-238, 2020. <https://doi.org/10.1038/s41586-019-1872-1>
- 2019**
- Stockwell, R., Wood, M., Kidd, T., Johnson, G.R., Knibbs, L.D., Morawska, L., Wainwright, C. and Bell, S.C. P174 High aerosol production of potentially infectious cough aerosols in people with cystic fibrosis during coughing. *Journal of Cystic Fibrosis*, 18(1): S106-S107, 2019. [https://doi.org/10.1016/S1569-1993\(19\)30468-0](https://doi.org/10.1016/S1569-1993(19)30468-0)
- Jovanovic, M.V., Savic, J.Z., Salimi, F., Stevanovic, S., Brown, R., Jovasevic-Stojanovic, M., Manojlovic, D., Bartanova, A., Bottle, S.A. and Ristovski, Z.D. Measurements of oxidative potential of particulate matter at Belgrade tunnel; comparison of BPEAnit, DTT and DCFH assays. *International Journal of Environmental Research and Public Health*, 16(24): 4906, 2019. <https://doi.org/10.3390/ijerph16244906>
- Verma, P., Pickering, E., Savic, N., Zare, A., Brown, R. and Ristovski, Z.D. Comparison of manual and automatic approaches for characterisation of morphology and nanostructure of soot particles. *Journal of Aerosol Science*, 136: 91-105, 2019. <https://doi.org/10.1016/j.jaerosci.2019.07.001>
- Vaughan, A., Stevanovic, S., Banks, A.P.W., Zare, A., Rahman, M.M., Bowman, R.V., Rayleen, V., Fong, K.M., Ristovski, Z.D. and Yan, I.A. The cytotoxic, inflammatory and oxidative potential of coconut oil-substituted diesel emissions on bronchial epithelial cells at an air-liquid interface. *Environmental Science and Pollution Research*, 26(27): 27783-27791, 2019. <https://doi.org/10.1007/s11356-019-05959-5>
- Brown, R., Stevanovic, S., Bottle, S. and Ristovski, Z.D. An instrument for the rapid quantification of PM-bound ROS: The Particle into Nitroxide Quencher (PINQ). *Atmospheric Measurement Techniques*, 12(4), 2387-2401, 2019. <https://doi.org/10.5194/amt-12-2387-2019>
- Yang, B.-Y., Zeng, X.-W., Markevych, I., Bloom, M.S., Heinrich, J., Knibbs, L.D., Dharmage, S., Lin, S., Jalava, P., Guo, Y., Jalaludin, B., Morawska, L., Zhou, Y., Hu, L.-W., Yu, H.-Y., Yu, Y. and Dong, G.-H. Association Between Greenness Surrounding Schools and Kindergarten and Attention-Deficit/Hyperactivity Disorder in Children in China. *Environmental Health*, 2(12): e1917862, 2019. <https://doi.org/10.1001/jamanetworkopen.2019.17862>
- Kumar, P. and Morawska, L. Could fighting airborne transmission be the next line of defence against COVID-19 spread? *City and Environment Interactions*, 4: 100033, 2019. <https://doi.org/10.1016/j.cacint.2020.100033>
- Guo, L., Johnson, G.R., Hofmann, W., Wang, H. and Morawska, L. Deposition of ambient ultrafine particles in the respiratory tract of children: a novel experimental method and its application. *Journal of Aerosol Science*, 139: 105465, 2019. <https://doi.org/10.1016/j.jaerosci.2019.105465>
- Burstein, R. and **Local Burden of Disease (LBD) Under-5 Mortality Collaborators** inc. Morawska, L. Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. *Nature*, 574(7778): 353-358, 2019. <https://doi.org/10.1038/s41586-019-1545-0>
- Johnson, C.O. and **GBD 2016 Stroke Collaborators** inc. Morawska, L. Global, regional, and national burden of stroke, 1990 to 2016: a 1 systematic analysis for the Global Burden of Disease Study 2016. *The Lancet Neurology*, 18(5): 439-458, 2019. [https://doi.org/10.1016/S1474-4422\(19\)30034-1](https://doi.org/10.1016/S1474-4422(19)30034-1)
- Troeger, C.E., and **GBD 2017 Influenza Collaborators** inc. Morawska, L. Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. *The Lancet Respiratory Medicine*, 7(1): 69-89, 2019. [https://doi.org/10.1016/S2213-2600\(18\)30496-X](https://doi.org/10.1016/S2213-2600(18)30496-X)
- Fitzmaurice, C., and **GBD 2017 Cancer Collaborators** inc. Morawska, L. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived with Disability, and Disability-Adjusted Life Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncology*, 5(12): 1749-1768, 2019. <https://doi.org/10.1001/jamaoncol.2019.2996>
- Nyarko, M., Buonanno, G., Ofosu, F., Jayaratne, E.R., Mazaheri, M. and Morawska, L. School children's personal exposure to ultrafine particles in and near Accra, Ghana. *Environmental International*, 133(Part B): 105223, 2019. <https://doi.org/10.1016/j.envint.2019.105223>
- Huang, W. and Morawska, L. Face masks could raise pollution risks. *Nature Comment*, 574: 29-30, 2019. <https://doi.org/10.1038/d41586-019-02938-1>
- Kumar, P., Druckman, A., Gallagher, J., Gatersleben, B., Allison, S., Eisenman, T.S., Hoang, U., Tiwari, A., Sharma, A., Abhijith, K.V., Adlakha, D., McNabola, A., Astell-Burt, T., Feng, X., Skeldon, A.C., de Lusignan, S. and Morawska, L. Review Article: The Nexus between Air Pollution, Green Infrastructure and Human Health. *Environment International*, 133: 105181, 2019. <https://doi.org/10.1016/j.envint.2019.105181>
- Haagsma, J.A., James, S.L. and **GBD 2016 Injury Collaborators** inc. Morawska, L. The burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2016. *BMJ Injury Prevention*, 26(Suppl 1): i12-i26, 2019. <https://doi.org/10.1136/injuryprev-2019-043296>
- Mazaheri, M., Lin, W., Clifford, S., Yue, D., Zhai, Y., Xu, M., Rizza, V. and Morawska, L. Characteristics of school children's personal exposure to ultrafine particles in Heshan, Pearl River Delta, China – A Pilot Study. *Environment International*, 132: 105-134, 2019. <https://doi.org/10.1016/j.envint.2019.105134>
- Morawska, L., Miller, W., Riley, M., Vardoulakis, S., Zhu, Y.-G., Marks, G.B., Garnawat, P. Kumar, P. and Thynell, M. Towards *Urbanome*, the genome of the city, to enhance the form and function of future cities (Perspective). *Nature Communications*, 10(1): 1-3, 2019. <https://doi.org/10.1038/s41467-019-11972-6>
- Stevanovic, S., Gali, N.K., Salimi, F., Brown, R., Ning, Z., Cravigan, L., Brimblecombe, P., Bottle, S. and Ristovski, Z.D. Diurnal profiles of particle-bound ROS of PM_{2.5} in urban environment of Hong Kong and their association with PM_{2.5}, black carbon, ozone and PAHs. *Atmospheric Environment*, 219: 117023, 2019. <https://doi.org/10.1016/j.atmosenv.2019.117023>

- Brown, R., Stevanovic, S., Brown, Z., Cai, M., Zhou, S., Song, W., Wang, X., Miljevic, B., Zhao, J., Bottle, S. and Ristovski, Z.D. Application of a Fluorescent Probe for the Online Measurement of PM-Bound Reactive Oxygen Species in Chamber and Ambient Studies. *Sensors*, 19(20): 4564, 2019. <https://doi.org/10.3390/s19204564>
- Keywood, M., Selleck, P., Reisen, F., Cohen, D., Chambers, S., Cheng, M., Cope, M., Crumeyrolle, S., Dunne, E., Emmerson, K., Fedele, R., Galbally, I., Gillet, R., Griffiths, A., Guerette, E.-A., Harnwell, J., Humphries, R., Lawson, S., Miljevic, B., Molloy, S., Powell, J., Simmons, J., Ristovski, Z.D. and Ward, J. Comprehensive aerosol and gas data set from the Sydney Particle Study. *Earth System Science Data*, 11(4): 1883-1903, 2019. <https://doi.org/10.5194/essd-11-1883-2019>
- Jafari, M., Verma, P., Bodisco, T.A., Zare, A., Surawski, N.C., Borghesani, P., Stevanovic, S., Guo, Y., Alroe, J., Osuagwu, C., Chiomeriwo, G., Milic, A., Miljevic, B., Ristovski, R.D. and Brown, R.J. Multivariate analysis of performance and emission parameters in a diesel engine using biodiesel and oxygenated additive. *Energy Conversion and Management*, 201: 112183, 2019. <https://doi.org/10.1016/j.enconman.2019.112183>
- Chu-Van, T., Ristovski, Z.D., Pourkhesalian, A.M., Rainey, T., Garaniya, V., Abbassi, R., Kimball, R., Cong, N.L., Jahangiri, S. and Brown, R.J. A comparison of particulate matter and gaseous emission factors from two large cargo vessels during manoeuvring conditions. *Energy Reports*, 5: 1390-1398, 2019. <https://doi.org/10.1016/j.egyr.2019.10.001>
- Verma, P., Pickering, E., Jafari, M., Guo, Y., Stevanovic, S., Fernando, J.F., Golberg, D., Brooks, P., Brown, R. and Ristovski, Z. Influence of fuel-oxygen content on morphology and nanostructure of soot particles. *Combustion and Flame*, 205: 206-219, 2019. <https://doi.org/10.1016/j.combustflame.2019.04.009>
- Nabi, M.N., Rahman, S.A., Bodisco, T.A., Rasul, M.G., Ristovski, Z.D. and Brown, R.J. Assessment of the use of a novel series of oxygenated fuels for a turbocharged diesel engine. *Journal of Cleaner Production*, 217: 549-558, 2019. <https://doi.org/10.1016/j.jclepro.2019.01.249>
- Chen, Z., Schofield, R., Rayner, P., Zhang, T., Liu, C., Vincent, C., Fiddes, S., Ryan, R.G., Alroe, J., Ristovski, Z.D. and Humphries, R.S. Characterization of aerosols over the Great Barrier Reef: The influence of transported continental sources. *Science of the Total Environment*, 690: 426-437, 2019. <https://doi.org/10.1016/j.scitotenv.2019.07.007>
- Van, T.C., Zare, A., Jafari, M., Bodisco, T.A., Surawski, N., Verma, P., Suara, K., Ristovski, Z.D., Rainey, T., Stevanovic, S. and Brown, R.J. Effect of cold start on engine performance and emissions from diesel engines using IMO-Compliant distillate fuels. *Environmental Pollution*, 255: 113260, 2019. <https://doi.org/10.1016/j.envpol.2019.113260>
- Vaughan, A., Stevanovic, S., Jafari, M., Rahman, M., Bowman, R.V., Fong, K.M., Ristovski, Z.D. and Yang, I.A. The effect of diesel emission exposure on primary human bronchial epithelial cells from a COPD cohort: N-acetylcysteine as a potential protective intervention. *Environmental Research*, 170: 194-202, 2019. <https://doi.org/10.1016/j.envres.2018.12.035>
- Rahman, S.A., Mahila, T.M.I., Ahmad, A., Nabi, M.N., Jafari, M., Dowell, A., Islam, M.A., Marchese, A.J., Tryner, J., Brooks, P.R., Bodisco, T.A., Stevanovic, S., Rainey, T., Ristovski, R.D. and Brown, R.J. Effect of Oxygenated Functional Groups in Essential Oils on Diesel Engine Performance, Emissions, and Combustion Characteristics. *Energy & Fuels*, 33(10): 9828-9834, 2019. <https://doi.org/10.1021/acs.energyfuels.9b01604>
- Lv, S., Gong, D., Ding, Y., Lin, Y., Wang, H., Ding, H., Wu, G., He, C., Zhou, L., Liu, S., Ristovski, Z.D., Chen, D., Shao, M., Zhang, Y. and Wang, B. Elevated levels of glyoxal and methylglyoxal at a remote mountain site in southern China: Prompt in-situ formation combined with strong regional transport. *Science of the Total Environment*, 672: 869-882, 2019. <https://doi.org/10.1016/j.scitotenv.2019.04.020>
- Islam, M.S., Saha, S.C., Gemci, T., Yang, I.A., Sauret, E., Ristovski, Z.D. and Gu, Y.T. Euler-Lagrange prediction of Diesel-exhaust polydisperse particle transport and Deposition in Lung: Anatomy and turbulence Effects. *Scientific Reports*, 9(1): 1-16, 2019. <https://doi.org/10.1038/s41598-019-48753-6>
- Verma, P., Jafari, M., Guo, Y., Pickering, E., Stevanovic, S., Bodisco, T.A., Fernando, J.F., Golberg, D., Brooks, P., Brown, R. and Ristovski, Z.D. Experimental analysis of the morphology and nanostructure of soot particles for butanol/diesel blends at different engine operating modes. *Energy & Fuels*, 33(6): 5632-564, 2019. <https://doi.org/10.1021/acs.energyfuels.9b00368>
- Guo, Y., Stevanovic, S., Verma, P., Jafari, M., Jabbour, N., Brown, R., Cravigan, L., Alroe, J., Osuagwu, C.G., Brown, R.J., D'Anna, B. and Ristovski, Z.D. An experimental study of the role of biodiesel on the performance of diesel particulate filters. *Fuel*, 247: 67-76, 2019. <https://doi.org/10.1016/j.fuel.2019.03.042>
- Rahman, S.A., Van, T.C., Hossain, F.M., Jafari, M., Dowell, A., Islam, M.A., Nabi, M.N., Marchese, A.J., Tryner, J., Rainey, T. and Ristovski, Z.D. Fuel properties and emission characteristics of essential oil blends in a compression ignition engine. *Fuel*, 238: 440-453, 2019. <https://doi.org/10.1016/j.fuel.2018.10.136>
- Van, T.C., Ramirez, J., Rainey, T., Ristovski, Z.D. and Brown, R.J. Global impacts of recent IMO regulations on marine fuel oil refining processes and ship emissions. *Transportation Research Part D: Transport and Environment*, 70: 123-134, 2019. <https://doi.org/10.1016/j.trd.2019.04.001>
- Topalović, D.B., Davidović, M.D., Jovanović, M., Bartonova, A., Ristovski, Z.D. and Jovašević-Stojanović, M. In search of an optimal in-field calibration method of low-cost gas sensors for ambient air pollutants: Comparison of linear, multilinear and artificial neural network approaches. *Atmospheric Environment*, 213: 640-658, 2019. <https://doi.org/10.1016/j.atmosenv.2019.06.028>
- Verma, P., Stevanovic, S., Zare, A., Dwivedi, G., Chu Van, T., Davidson, M., Rainey, T., Brown, R.J. and Ristovski, Z.D. An overview of the influence of biodiesel, alcohols, and various oxygenated additives on the particulate matter emissions from diesel engines. *Energies*, 12(10): 1987, 2019. <https://doi.org/10.3390/en12101987>
- Vaughan, A., Stevanovic, S., Jafari, M., Bowman, R.V., Fong, K.M., Ristovski, Z.D. and Yang, I.A. Primary human bronchial epithelial cell responses to diesel and biodiesel emissions at an air-liquid interface. *Toxicology in Vitro*, 57: 67-75, 2019. <https://doi.org/10.1016/j.tiv.2019.02.005>
- Campbell, S.J., Stevanovic, S., Miljevic, B., Bottle, S.E., Ristovski, Z.D. and Kalberer, M. Quantification of particle-bound organic radicals in secondary organic aerosol. *Environmental Science & Technology*, 53(12): 6729-6737, 2019. <https://doi.org/10.1021/acs.est.9b00825>
- Nabi, M.N., Rasul, M.G., Rahman, S.M.A., Dowell, A., Ristovski, Z.D. and Brown, R.J. Study of performance, combustion and emission characteristics of a common rail diesel engine with tea tree oil-diglyme blends. *Energy*, 180: 216-228, 2019. <https://doi.org/10.1016/j.energy.2019.05.070>
- Clifford, S., Choy, S.L., Mazaheri, M., Salimi, F., Morawska, L. and Mengersen, K. A Bayesian spatio-temporal model of panel design data: airborne particle number concentration in Brisbane, Australia. *Environmetrics Special Issue on Spatio-environmental modeling*

- for health outcome data, 30: e2597, 2019. <https://doi.org/10.1002/env.2597>
- Stockwell, R.E., Ballard, E.L., O'Rourke, P., Knibbs, L.D., Morawska, L. and Bell, C. Indoor hospital air and the impact of ventilation on bioaerosols: a systematic review. *Journal of Hospital Infection*, 103: 175-184, 2019. <https://doi.org/10.1016/j.jhin.2019.06.016>
- Da Costa Oliveira, J.R., Base, L.H., de Abreu, L.C., Filho, C.F., Ferreira, C. and Morawska, L. Ultrafine Particles and Children's Health: Literature Review. *Paediatric Respiratory Reviews*, 32: 73-81, 2019. <https://doi.org/10.1016/j.prrv.2019.06.003>
- Salonen, H., Salthammer, L. and Morawska, L. Human exposure to NO₂ in school and office indoor environments. *Environment International*, 130: 104887, 2019. <https://doi.org/10.1016/j.envint.2019.05.081>
- Li, J., Chen, H., Li, X., W., M., Zhang, X., Cao, J., Shen, F., Wu, Y., Xu, S., Fan, H., Da, G., Huang, R.-J., Chan, C.K., de Jesus, A. L., Morawska, L. and Yao, M. Differing toxicity of ambient particulate matter (PM) in global cities. *Atmospheric Environment*, 212: 305-315, 2019. <https://doi.org/10.1016/j.atmosenv.2019.05.048>
- Asumadu-Sakyi, A.B., Miller, W., Barnett, A.G., Thai, P., Jayaratne, E.R., Thompson, M.H., Roughani, R. and Morawska, L. Seasonal temperature patterns and durations of acceptable temperature range in houses in Brisbane, Australia. *Science of the Total Environment VSI: Urban Environmental Health Interventions towards the Sustainable Development Goals*, 683: 470-479, 2019. <https://doi.org/10.1016/j.scitotenv.2019.05.145>
- De Jesus, A.L., Rahman, M.M., Mazaheri, M., Thompson, H., Knibbs, L.D., Jeong, C. Evans, G., Nei, W., Ding, A., Qiao, L., Li, L., Potin, H., Niemi, J.V., Timonen, H., Loam, K., Petäjä, T., Kulmala, M., Kowalski, M., Peters, A., Cyrys, J., Ferrero, L., Manigrasso, M., Avino, P., Buonanno, G., Reche, C., Querol, X., Beddows, D., Harrison, R.M., Sowlat, M.H., Sioutas, C. and Morawska, L. Ultrafine particles and PM_{2.5} in the air of cities around the world: are they representative of each other? *Environmental International*, 129: 118-135, 2019. <https://doi.org/10.1016/j.envint.2019.05.021>
- Cheng, Y., Li, B., Cao, J., Morawska, L., Zhang, L., Yan, L., Wang, Q., Wang, Y., Huang, Y. and Gu, Z. Characterization of particle size distributions during winter haze episodes in urban air. *Atmospheric Research*, 228: 55-67, 2019. <https://doi.org/10.1016/j.atmosres.2019.04.033>
- Lechasseur, A., Altmejd, S., Turgeon, N., Buonanno, G., Morawska, L., Brunet, D., Duchaine, C. Morissette, M.C. Variations in coil temperature/power and e-liquid constituents change size and lung deposition of particles emitted by an electronic cigarette, *Physiological Reports*, 7(10): e14093, May 2019. <https://doi.org/10.14814/phy2.14093>
- Asumadu-Sakyi, A.B., Barnett, A.G., Thai, P., Jayaratne, E.R., Miller, W., Thompson, M.H., Rahman, M.M. and Morawska, L. Determination of the association between indoor and outdoor temperature in selected houses and its application: a pilot study. *Advances in Building Energy Research*, 23: 1-35, 2019. [10.1080/17512549.2019.1606732](https://doi.org/10.1080/17512549.2019.1606732)
- Morawska, L., Xiu, M., He, C., Buonanno, G., McGarry, P., Maumy, B., Stabile, L. and Thai, P.K. Particles Emissions from Laser Printers: have they decreased? *Environmental Science & Technology Letters*, 6: 300-305-2019. <https://doi.org/10.1021/acs.estlett.9b00176>
- Dong, G.H., Jalaludin, B., Markevych, I., Heinrich, J., Liu, K., Hu, L.-W., Morawska, L., Knibbs, L.D., Bloom, M., Jalava, P., Dharmage, S., Zeng, X., Guo, Y. and Yang, B. Community greenness, blood pressure, and hypertension in urban dwellers: the 33 Communities Chinese Health Study. *Environment International*, 126: 727-734, 2019. <https://doi.org/10.1016/j.envint.2019.02.068>
- Stockwell, R.E., Chin, M., Johnson, G.R., Wood, M.E., Sherrard, L.J., Ballard, E., O'Rourke, P., Ramsay, K.A., Kidd, T.J., Jabbour, N., Thomson, R.M., Knibbs, L.D., Morawska, L. and Bell, S.C. Transmission of bacteria in bronchiectasis and chronic obstructive pulmonary disease: low burden of cough aerosols. *Respirology*, 24(10): 980-987, 2019. <https://doi.org/10.1111/resp.13544>
- Asumadu-Sakyi, A.B., Barnett, A.G., Thai, P., Jayaratne, E.R., Miller, W., Thompson, M.H., Roughani, R. and Morawska, L. The relationship between indoor and outdoor temperature in warm and cool seasons in houses in Brisbane, Australia. *Energy and Buildings*, 191: 127-142, 2019. <https://doi.org/10.1016/j.enbuild.2019.03.010>
- Yang, B-Y., Markevych, I., Heinrich, J., Bowatte, G., Bloom, M.S., Guo, Y., Dharmage, S.C., Jalaludin, B., Knibbs, L.D., Morawska, L., Qian, Z.M., Chen, D.-H., Ma, H., Chen, D., Lin, S., Yang, M., Liu, K.-K., Zeng, X.-W., Hu, L.-W. and Dong, G.-H. Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study, *International Journal of Hygiene and Environmental Health*, 222(2): 283-290, 2019. <https://doi.org/10.1016/j.ijheh.2018.12.001>
- Koivisto, A.J., Kling, K.I., Hänninen, O., Jayjock, M., Löndahl, J., Wiezbicka, A., Fonseca, A.S., Uhrbrand, K., Boor, B.B., Jiménez, A.S., Hämeri, K., Dal Mosso, M., Arnold, S.F., Jensen, K.A., Viana, M., Morawska, L. and Hussein, T. Source specific exposure and risk assessment for indoor aerosols. *Science of the Total Environment*, 668: 13-24, 2019. <https://doi.org/10.1016/j.scitotenv.2019.02.398>
- Mbareche, H., Morawska, L. and Duchaine, C. Opinion paper: On the interpretation of bioaerosol exposure measurements and impacts on health. *Journal of the Air & Waste Management Association*, 69(7): 789-804, 2019. <https://doi.org/10.1080/10962247.2019.1587552>
- Yang, B-Y., Guo, Y., Morawska, L., Bloom, M.S., Markevych, I., Heinrich, J., Dharmage, S.C., Knibbs, L.D., Lin, S., Yim, S.H-L., Chen, G., Li, S., Zeng, X.W., Liu, K-K., Hu, L.-W. and Dong, G.-H. Ambient PM₁ air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study, *Environmental International*, 123: 310-317, 2019. <https://doi.org/10.1016/j.envint.2018.12.012>
- Villa, T.F., Brown, R., Jayaratne, R., Gonzalez, F. Morawska, L. and Ristovski, Z.D. Characterization of the particle emission from a ship operating at sea using an unmanned aerial vehicle, *Atmospheric Measurement Techniques*, 12(1): 691-702, 2019. <https://doi.org/10.5194/amt-12-691-2019>
- Thai, P., Candido, C., Asumadu-Sakyi, A., Barnett, A. and Morawska, L. Variation of indoor minimum mortality temperature in different cities: Evidence of local adaptations, *Environmental Pollution*, 246: 745-752, 2019. <https://doi.org/10.1016/j.envpol.2018.12.061>
- Luong, L.M.T., Phung, D., Sly, P.S., Dang, T.N., Morawska, L. and Thai, P.K. Effects of temperature on hospitalisation amongst pre-school children in Hanoi, Vietnam. *Environmental Science and Pollution Research*, 26(3): 2603-2612, 2019. <https://doi.org/10.1007/s11356-018-3737-9>
- Pushpawela, B., Jayaratne, E.R. and Morawska, L. The influence of wind speed on new particle formation events in an urban environment. *Atmospheric Research*, 215: 37-41, 2019. <https://doi.org/10.1016/j.atmosres.2018.08.023>
- Yao, D., Lyu, X., Morawska, L., Yu, W., Wang, J and Guo, H. Continuous effectiveness of replacing catalytic converters on liquified petroleum gas-fuelled vehicles in Hong Kong. *Science of the Total Environment*, 648: 830-838, 2019. <https://doi.org/10.1016/j.scitotenv.2018.08.191>

2018

- Van, T.C., Ristovski, Z., Surawski, N., Bodisco, T.A., Rahman, S.A., Alroe, J., Miljevic, B., Hossain, F.M., Suara, K., Rainey, T. and

- Brown, R.J. Effect of sulphur and vanadium spiked fuels on particle characteristics and engine performance of auxiliary diesel engines. *Environmental Pollution*, 243: 1943-1951, 2018. <https://doi.org/10.1016/j.envpol.2018.08.055>
- Stanaway, J.D., and **GBD 2017 Risk Factor Collaborators** inc. Morawska, L. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 1923-1994, 2018. [https://doi.org/10.1016/S0140-6736\(18\)32225-6](https://doi.org/10.1016/S0140-6736(18)32225-6)
- Kyu, H.M., and **GBD 2017 DALYs and HALE Collaborators** inc. Morawska, L. Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 1859-1922, 2018. [https://doi.org/10.1016/S0140-6736\(18\)32335-3](https://doi.org/10.1016/S0140-6736(18)32335-3)
- Dicker, D., and **GBD 2017 Mortality Collaborators** inc. Morawska, L. Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 1684-1735, 2018. [https://doi.org/10.1016/S0140-6736\(18\)31891-9](https://doi.org/10.1016/S0140-6736(18)31891-9)
- Lozano, R. and **GBD 2017 Sustainable Development Goals (SDG) Capstone Collaborators** inc. Morawska, L. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 2091-2138, 2018. [https://doi.org/10.1016/S0140-6736\(18\)32281-5](https://doi.org/10.1016/S0140-6736(18)32281-5)
- James, S.L. and **GBD 2017 Disease and Injury Incidence and Prevalence Collaborators** inc. Morawska, L. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 1789-1858, 2018. [https://doi.org/10.1016/S0140-6736\(18\)32279-7](https://doi.org/10.1016/S0140-6736(18)32279-7)
- Roth, G.A. and **GBD 2017 Causes of Death Collaborators** inc. Morawska, L. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159): 1736-1788, 2018. [https://doi.org/10.1016/S0140-6736\(18\)32203-7](https://doi.org/10.1016/S0140-6736(18)32203-7)
- Fullman, N. and **GBD 2016 Healthcare Access and Quality Collaborators** inc. Morawska, L. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. *The Lancet*, 391(10136): 2236-2271, 2018. [https://doi.org/10.1016/S0140-6736\(18\)30994-2](https://doi.org/10.1016/S0140-6736(18)30994-2)
- Luong, L.M.T., Phung, D., Dang, T.N., Sly, P.D., Morawska, L. and Thai, P. Seasonal association between ambient ozone and hospital admission for respiratory diseases in Hanoi, Vietnam. *PLoS One*, 13(9), pp.e0203751-e0203751, 2018. <https://doi.org/10.1371/journal.pone.0203751>
- Gong, D., Wang, H., Zhang, S., Wang, Y., Liu, S.C., Guo, H., Shao, M., He, C., Chen, D., He, L., Zhou, L., Morawska, L., Zhang, Y., and Wang, B. Low-level summertime isoprene observed at a forested mountaintop site in southern China: implications for strong regional atmospheric oxidative capacity. *Atmospheric Chemistry and Physics*, 18(19): 14417-14432, 2018. <https://doi.org/10.5194/acp-18-14417-2018>
- Jiang, H., Zhong, G., Wang, J., Jiang, H., Tian, C., Li, J., Zhao, S., Yu, Z., Morawska, L. and Zhang, G. Using Polyurethane Foam-based Passive Air Sampling Technique to Monitor Monosaccharides at a Regional Scale. *Environmental Science & Technology*, 52(21): 2546–12555, 2018. <https://doi.org/10.1021/acs.est.8b02254>
- Jayarathne, E.R., Liu, X., Thai, P., Dunbabin, M. and Morawska, L. The Influence of Humidity on the Performance of Low-Cost Air Particle Mass Sensors and the Effect of Atmospheric Fog. *Atmospheric Measurement Techniques*, 11: 4883-4890, 2018. <https://doi.org/10.5194/amt-11-4883-2018>
- Mazaheri, M., Clifford, S., Yeganeh, B., Viana, M., Rizza, V., Flament, R., Buonanno, G. and Morawska, L. Investigations into factors affecting personal exposure to particles in urban microenvironments using Low-cost sensors. *Environmental International*, 120: 496-504, 2018. <https://doi.org/10.1016/j.envint.2018.08.033>
- Xiu, M., Stevanovic, S., Rahman, M.M., Pourkhesalian, A.M., Morawska, L. and Thai, P. Emissions of particulate matter, carbon monoxide and nitrogen oxides from the residential burning of waste paper briquettes and other fuels. *Environmental Research*, 167: 536-543, 2018. <https://doi.org/10.1016/j.envres.2018.08.008>
- Wang, L., Zheng, X., Stevanovic, S., Wu, X., Xiang, Z., Yu, M. and Liu, J. Characterization particulate matter from several Chinese cooking dishes and implications in health effects. *Journal of Environmental Sciences*, 72: 98-106, 2018.
- Wood, M., Stockwell, R.E., Johnson, G.R., Ramsay, K.A., Sherrard, L.J., Jabbour, N., Ballard, E.L., O'Rourke, P., Kidd, T.J., Wainwright, C.E., Knibbs, L.D., Sly, P.D., Morawska, L. and Bell, S.C. Face Masks and Cough Etiquette Reduce the Cough Aerosol Concentration of *Pseudomonas aeruginosa* in People with Cystic Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, 197(3): 348-355, 2018. <https://doi.org/10.1164/rccm.201707-1457OC>
- Stockwell, R.E., Wood, M.E., He, C., Sherrard, L.J., Ballard, E.L., Kidd, T.J., Johnson, G.R., Knibbs, L.D., Morawska, L. and Bell, S.C. Face masks reduce the release of *Pseudomonas aeruginosa* cough aerosols when worn for clinically relevant time periods. *American Journal of Respiratory and Critical Care Medicine*, 198(10), 1339-1342, 2018. <https://doi.org/10.1164/rccm.201805-0823LE>
- Pushpawela, B., Jayaratne, E.R. and Morawska, L. Differentiating between particle formation and growth events in an urban environment. *Atmospheric Chemistry and Physics*, 18: 11171-11183, 2018. <https://doi.org/10.5194/acp-18-11171-2018>
- Salonen, H., Salthammer, T. and Morawska, L. Human exposure to ozone in school and office indoor environments. *Environment International*, 199: 503-514, 2018. <https://doi.org/10.1016/j.envint.2018.07.012>
- Li, J., Cao, J.-J., Zhu, Y., Chen, Q.-L., Shen, F., Wu, Y., Xu, S., Fan, H., Da, G., Huang, R.-J., Wang, J., de Jesus, A., Morawska, L., Chan, C., Peccia, J. and Yao, M. Global Survey of Antibiotic Resistance Genes in Air. *Environmental Science & Technology*, 52(19): 10975–10984, 2018. **Article has also been selected to be featured in ACS Editors' Choice 05/07/2018.** <https://doi.org/10.1021/acs.est.8b02204>
- Tran, L.K., Quang, T.N., Hue, N.T., Dat, M.C., Morawska, L., Nieuwenhuijsen, M., and Thai, P.K. Exploratory assessment of outdoor and indoor airborne black carbon in different locations of Hanoi, Vietnam. *Science of the Total Environment*, 642: 1233-1241, 2018. <https://doi.org/10.1016/j.scitotenv.2018.06.146>
- Griswold, M. and **GBD 2016 Alcohol Use and Burden Collaborators** inc. Morawska, L. Alcohol use and burden: a systematic analysis from the Global Burden of Disease Study 2016 for 195 countries and territories, 1990–2016. *The Lancet*, 392(10152): 1015-1035, 2018. [https://doi.org/10.1016/S0140-6736\(18\)31310-2](https://doi.org/10.1016/S0140-6736(18)31310-2)

- Schieweck, A., Uhde, E., Salthammer, T., Morawska, L., Mazaheri, M. and Kumar, P. Review: Smart homes and the control of indoor air quality. *Renewable & Sustainable Energy Reviews*, 94: 705-718, 2018. <https://doi.org/10.1016/j.rser.2018.05.057>
- Akbarnezhad, S., Amini, A., Goharizi, A.S., Rainey, T. and Morawska, L. Capacity of quartz fibers with high filtration efficiency for capturing soot aerosol particles. *International Journal of Environmental Science and Technology*, 15(5): 1039-1048, 2018. <https://doi.org/10.1007/s13762-017-1457-1>
- Morawska, L., Thai, P.K., Liu, X., Asumadu-Sakyi, A.B., Ayoko, G.A., Bartonova, A., Bedini, A., Chai, F., Christensen, B., Dunbabin, M., Gao, J., Hagler, G.S.W., Jayaratne, E.R., Kumar, P., Lau, A.K.H., Louie, P.K., Mazaheri, M., Ning, Z., Motta, N., Mullins, B., Rahman, M.M., Ristovski, Z.D., Shafiei, M., Tjondronegoro, D., Westerdahl, D., and Williams, R. Applications of low-cost sensing technologies for air quality monitoring and exposure assessment: how far have they gone? *Environment International*, 116: 286-299, 2018. <https://doi.org/10.1016/j.envint.2018.04.018>
- Chu-Van, T., Ristovski, Z.D., Pourkhesalian, A.M., Rainey, T., Garaniya, V., Abbassi, R., Jahangiri, S., Enshaei, H., Kam, U.S., Kimball, R. and Yang, L. On-board measurements of particle and gaseous emissions from a large cargo vessel at different operating conditions. *Environmental Pollution*, 237: 832-841, 2018. <https://doi.org/10.1016/j.envpol.2017.11.008>
- Rahman, S.M., Nabi, M.N., Van, T.C., Suara, K., Jafari, M., Dowell, A., Islam, M.A., Marchese, A.J., Tryner, J., Hossain, M.F., Ristovski, Z.D. and Rainey, T.J. Performance and Combustion Characteristics Analysis of Multi-Cylinder CI Engine Using Essential Oil Blends. *Energies*, 11(4): 738, 2018. <https://doi.org/10.3390/en11040738>
- Hossain, F.M., Rainey, T.J., Ristovski, Z.D. and Brown, R.J. Performance and exhaust emissions of diesel engines using microalgae FAME and the prospects for microalgae HTL biocrude. *Renewable and Sustainable Energy Reviews*, 82: 4269-4278, 2018. <https://doi.org/10.1016/j.rser.2017.06.026>
- Law, C.S., Smith, M.J., Harvey, M.J., Bell, T.G., Cravigan, L.T., Elliott, F.C., Lawson, S.J., Lizotte, M., Marriner, A., McGregor, J. and Ristovski, Z.D. Overview and preliminary results of the Surface Ocean Aerosol Production (SOAP) campaign. *Atmospheric Chemistry and Physics*, 17(22): 13645-13667, 2017. <https://doi.org/10.5194/acp-17-13645-2017>
- Zhang, Z., Yan, X., Gao, F., Thai, P., Wang, H., Chen, D., Zhou, L., Gong, D., Li, Q., Morawska, L. and Wang, B. Emission and health risk assessment of volatile organic compounds in various processes of a petroleum refinery in the Pearl River Delta, China. *Environmental Pollution*, 238: 452-461, 2018. <https://doi.org/10.1016/j.envpol.2018.03.054>
- Wood, M., Stockwell, R.E., Johnson, G.R., Ramsay, K.A., Sherrard, L.J., Kidd, T.J., Cheney, J., Ballard, E.L., O'Rourke, P., Jabbour, N., Wainwright, C.E., Knibbs, L.D., Sly, P.D., Morawska, L. and Bell, S.C. Cystic fibrosis pathogens survive for extended periods within cough generated droplet nuclei. *Thorax: thoraxjnl-2018*. Published Online Only, 2018. [10.1136/thoraxjnl-2018-211567](https://doi.org/10.1136/thoraxjnl-2018-211567)
- Chen, G., Morawska, L., Zhang, W., Li, S., Cai, W., Ren, H., Wang, B., Wang, H., Knibbs, L.D., Williams, G. and Guo, J. Spatiotemporal variation of PM₁ pollution in China. *Atmospheric Environment*, 178: 198-205, 2018. <https://doi.org/10.1016/j.atmosenv.2018.01.053>
- Clifford, S., Mazaheri, M., Salimi, F., Ezz, W.N., Yeganeh, B., Choy, S.L., Walker, K., Mengersen, K., Marks, G.B. and Morawska, L. Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. *Environmental International*, 114: 167-180, 2018. <https://doi.org/10.1016/j.envint.2018.02.019>
- Nyarko, M., Mazaheri, M., Jayaratne, E.R., Dunbabin, M., Rahman, M.M., Uhde, E. and Morawska, L. Mobile phones as monitors of personal exposure to air pollution: is this the future? *PLoS One*, (2): e0193150, 2018. **Article is among the top 10% most cited PLoS One papers in 2018.** <https://doi.org/10.1371/journal.pone.0193150>
- Aryal, R., Kafley, D., Beecham, S. and Morawska, L. Air quality in the Sydney metropolitan region during the 2013 Blue Mountains wildfire. *Aerosol and Air Quality Research*, 18(9): 2420-2432, 2018. <https://doi.org/10.4209/aaqr.2017.10.0427>
- Liu, H., Jin, V., Wu, L., Wang, X., Fu, M., Lv, Z., Morawska, L., Huang, F. and He, K. The impact of marine shipping and its DECA control on air quality in the Pearl River Delta, China. *Science of the Total Environment*, 625: 1476-1485, 2018. <https://doi.org/10.1016/j.scitotenv.2018.01.033>
- Jayaratne, E.R., Ling, X., Pushpawela, B. and Morawska, L. Experimental Determination of the Dispersion of Ions from a Point Source in the Environment. *Environmental Technology*, 40(10): 1213-1222, 2018. <https://doi.org/10.1080/09593330.2017.1418912>
- Vijayasegaran, P., Knibbs, L.D., Morawska, L. and Crawford, R.W. Surgical space suits increase particle and microbiological emission rates in a simulated surgical environment. *The Journal of Arthroplasty*, 33: 1526-1529, 2018. <https://doi.org/10.1016/j.arth.2017.12.009>
- Yeganeh, B., Hewson, M.G., Clifford, S., Tavassoli, A., Knibbs, L.D. and Morawska, L. Estimating the Spatiotemporal Variation of NO₂ Concentration Using Adaptive Neuro-Fuzzy Inference System. *Environmental Modelling & Software*, 100: 222-235, 2018. <https://doi.org/10.1016/j.envsoft.2017.11.031>
- Pushpawela, B., Jayaratne, E.R. and Morawska, L. Temporal Distribution and Other Characteristics of New Particle Formation Events in an Urban Environment. *Environmental Pollution*, 233: 552-560, 2018. <https://doi.org/10.1016/j.envpol.2017.10.102>
- Pacitto, A., Stabile, L., Moreno, T., Kumar, P., Wierzbicka, A., Morawska, L. and Buonanno, G. The influence of lifestyle on airborne particle surface area doses received by different Western populations. *Environmental Pollution*, 232: 113-122, 2018. <https://doi.org/10.1016/j.envpol.2017.09.023>
- Lv, G., Sui, X., Chen, J., Jayaratne, R., and Mellouki, A. Investigation of new particle formation at the summit of Mt. Tai, China. *Atmospheric Chemistry and Physics*, 18(3): 2243-2258, 2018. <https://doi.org/10.5194/acp-18-2243-2018>
- Verma, P., Zare, A., Jafari, M., Bodisco, T.A., Rainey, T., Ristovski, Z.D. and Brown, R.J. Diesel engine performance and emissions with fuels derived from waste tyres. *Scientific Reports*, 8(1): 2457, 2018. <https://doi.org/10.1038/s41598-018-19330-0>
- Zhu, S., Zheng, X., Stevanovic, S., Wang, L., Wang, H., Gao, J., Xiang, Z., Ristovski, Z.D., Liu, J., Yu, M. and Wang, L. Investigating particles, VOCs, ROS produced from mosquito-repellent incense emissions and implications in SOA formation and human health. *Building and Environment*, 143: 645-651, 2018. <https://doi.org/10.1016/j.buildenv.2018.07.053>
- Wang, L., Zheng, X., Stevanovic, S., Xiang, Z., Liu, J., Shi, H., Liu, J., Yu, M. and Zhu, C. Characterizing pollutant emissions from mosquito repellents incenses and implications in risk assessment of human health. *Chemosphere*, 191: 962-970, 2018. <https://doi.org/10.1016/j.chemosphere.2017.09.097>
- Zare, A., Bodisco, T.A., Nabi, M.N., Hossain, F.M., Ristovski, Z.D. and Brown, R.J. A comparative investigation into cold-start and hot-start operation of diesel engine performance with oxygenated fuels during transient and steady-state operation. *Fuel*, 228: 390-404, 2018. <https://doi.org/10.1016/j.fuel.2018.05.004>
- Alroe, J., Cravigan, L.T., Mallet, M.D., Ristovski, Z.D., Miljevic, B., Osuagwu, C.G. and Johnson, G.R. Determining the link between

2017

- Hu, L.W., Yang, M., Chen, S., Shah, K., Hailegiorgis, Y., Burgens, R., Vaughn, M., Huang, J., Xaverius, P., Paul, G. and Morawska, L. Effects of in utero and postnatal exposure to secondhand smoke on lung function by gender and asthma status: the Seven Northeastern Cities (SNEC) Study. *Respiration*, 93(3): 189-197, 2017. <https://doi.org/10.1159/000455140>
- Pushpawela, B., Jayaratne, E.R., Nguy, A. and Morawska, L. Efficiency of Ionizers in Removing Airborne Particles in Indoor Environments. *Journal of Electrostatics*, 90: 79-84, 2017. <https://doi.org/10.1016/j.elstat.2017.10.002>
- Isley, C.F., Nelson, P.F., Taylor, M.P., Mazaheri, M., Morawska, L., Atanacio, A.J., Stelcer, E., Cohen, D.D. and Morrison, A.L. Airborne ultrafine particles in a Pacific Island country: characteristics, sources and implications for human exposure. *Environmental Pollution*, 231(1): 367-379, 2017. <https://doi.org/10.1016/j.envpol.2017.08.021>
- Morawska, L., Ayoko, G.A., Bae, G.N., Buonanno, G., Chao, C.Y.H., Clifford, S., Fu, S.C., Hänninen, O., He, C., Isaxon, C., Mazaheri, M., Salthammer, T., Waring, M.S., and Wierzbicka, A., Airborne particles in indoor environment of homes, schools, offices and aged care facilities: the main routes of exposure. *Environmental International*, 108: 75-83, 2017. **Paper was selected for promotion through Elsevier's communication channels in September 2017.** <https://doi.org/10.1016/j.envint.2017.07.025>
- Jayaratne, E.R., Pushpawela, B., He, C., Hui, L., Gao, J., Chai, F. and Morawska, L. Observations of Particles at their Formation Sizes in Beijing, China. *Atmospheric Chemistry and Physics*, 17: 8825-8835, 2017. <https://doi.org/10.5194/acp-17-8825-2017>
- Fullman, N. and **GBD 2016 Sustainable Development Goals (SDG) Capstone Collaborators** inc. Morawska, L. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *The Lancet*, 390(10100): 1423-1459, 2017. [https://doi.org/10.1016/S0140-6736\(17\)32336-X](https://doi.org/10.1016/S0140-6736(17)32336-X)
- Gakidou, E. and **GBD 2016 Risk Factors Collaborators** inc. Morawska, L. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 390(10100): 1345-1422, 2017. [https://doi.org/10.1016/S0140-6736\(17\)32366-8](https://doi.org/10.1016/S0140-6736(17)32366-8)
- Hay, S., and **GBD 2016 DALYs HALE Collaborators** inc. Morawska, L. Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 390(10100): 1260-1344, 2017. [https://doi.org/10.1016/S0140-6736\(17\)32130-X](https://doi.org/10.1016/S0140-6736(17)32130-X)
- Naghavi, M., and **GBD 2016 Causes of Death Collaborators** inc. Morawska, L. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 390(10100): 1151-1210, 2017. [https://doi.org/10.1016/S0140-6736\(17\)32152-9](https://doi.org/10.1016/S0140-6736(17)32152-9)
- Wang, H., and **GBD 2016 Mortality Capstone Collaborators** inc. Morawska, L. Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 390(10100): 1084-1150, 2017. [https://doi.org/10.1016/S0140-6736\(17\)31833-0](https://doi.org/10.1016/S0140-6736(17)31833-0)
- He, C., Mackay, I.M., Ramsay, K., Liang, Z., Kidd, T., Knibbs, L.D., Johnson, G., McNeale, D., Stockwell, R., Coulthard, M.G., Long, D.A., Williams, T.J., Duchaine, C., Smith, N., Wainwright, C. and Morawska, L. Particle and Bioaerosol Characteristics in a Paediatric Intensive Care Unit. *Environmental International*, 107: 89-99, 2017. <https://doi.org/10.1016/j.envint.2017.06.020>
- Rahman, M.M., Yeganeh, B., Clifford, S., Knibbs, L.D. and Morawska, L. Development of a land use regression model for daily NO₂ and NO_x concentrations in the Brisbane metropolitan area, Australia. *Environmental Modelling & Software*, 95: 168–179, 2017. <https://doi.org/10.1016/j.envsoft.2017.06.029>
- Villa, T., Jayaratne, E.R., Gonzalez, L.F. and Morawska, L. Determination of the Vertical Profile of Particle Number Concentration Adjacent to a Traffic Motorway using an Unmanned Aerial Vehicle. *Environmental Pollution*, 230: 134-142, 2017. <https://doi.org/10.1016/j.envpol.2017.06.033>
- Rahman, M.M., Mazaheri, M., Clifford, S. and Morawska, L. Estimate of main local sources to ambient ultrafine particle number concentrations in an urban area. *Atmospheric Research*, 194: 178-189, 2017. <https://doi.org/10.1016/j.atmosres.2017.04.036>
- Quang, T.N., Hue, N.T., Thai, P., Mazaheri, M. and Morawska, L. Exploratory Assessment of Indoor and Outdoor Particle Number Concentrations in Hanoi Households. *Science of the Total Environment*, 599: 284-290, 2017. <https://doi.org/10.1016/j.scitotenv.2017.04.154>
- Cohen, A.J., and **GBD 2015 Collaborators** inc. Morawska, L. Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. *The Lancet*, 389(10082): 1907-1918, 2017. [https://doi.org/10.1016/S0140-6736\(17\)30505-6](https://doi.org/10.1016/S0140-6736(17)30505-6)
- Phung, D., Mueller, J., Lai, F.Y., O'Brien, J., Dang, N., Morawska, L. and Thai, P. Can wastewater-based epidemiology be used to evaluate the health impact of temperature? – An exploratory study in an Australian population. *Environmental Research*, 156: 113-119, 2017. <https://doi.org/10.1016/j.envres.2017.03.023>
- Pereira, M.L., Knibbs, L.D., He, C., Grzybowski, P., Johnson, G.R., Huffman, J.A., Bell, S.C., Wainwright, C.E., Matte, D.L., Dominski, F.H., Andrade, A. Morawska, L. Sources and dynamics of fluorescent particles in hospitals. *Indoor Air*, 27(5): 988-1000, 2017. <https://doi.org/10.1111/ina.12380>
- Barber, R.M. and **GBD 2015 Healthcare Access and Quality Collaborators** inc. Morawska, L. Healthcare Access and Quality Index based on mortality from causes amenable to personal healthcare in 195 countries and territories, 1990–2015: a novel analysis from the Global Burden of Disease 2015 study. *The Lancet*, 390(10091): 231-266, 2017. [https://doi.org/10.1016/S0140-6736\(17\)30818-8](https://doi.org/10.1016/S0140-6736(17)30818-8)
- Scungio, M., Vitanza, T., Stabile, L., Buonanno, G. and Morawska, L. Characterization of particle emission from laser printers. *Science of the Total Environment*, 586: 623-630, 2017. <https://doi.org/10.1016/j.scitotenv.2017.02.030>
- Zhang, Z., Li, Q., Wang, H., Thai, P., Li, Y., Zhang, C., Gu, Y., Zhou, L., Morawska, L., and Wang, B. Emission characteristics of volatile organic compounds and their secondary organic aerosol formation potentials from a petroleum refinery in Pearl River Delta, China. *Science of the Total Environment, Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 584-585: 1162-1174, 2017. <https://doi.org/10.1016/j.scitotenv.2017.01.179>

- Rivas, I., Mazaheri, M., Viana, M., T., Clifford, S., He, C., Bischof, O.F., Martins, V., Reche, C., Alastuey, A., Alvarez-Pedrerol, M., Sunyer, J., Morawska, L. and Querol, X. Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. *Science of the Total Environment*, 584-585: 849-855, 2017. <https://doi.org/10.1016/j.scitotenv.2017.01.129>
- Reitsma, M.B. and **GBD 2015 Tobacco Collaborators** inc. Morawska, L. Smoking prevalence and attributable disease burden in 195 countries and territories, 1990–2015: a systematic analysis from the Global Burden of Disease Study 2015. *The Lancet*, 389(10082): 1885-1906, 2017. [https://doi.org/10.1016/S0140-6736\(17\)30819-X](https://doi.org/10.1016/S0140-6736(17)30819-X)
- Wangchuk, T., He, C., Knibbs, L.D., Mazaheri, M. and Morawska, L. A pilot study of traditional indoor biomass cooking and heating in rural Bhutan: gas and particle concentrations, and emission rates. *Indoor Air*, 27(1): 160-168, 2017. <https://doi.org/10.1111/ina.12291>
- Pacheco, M.T., Parmigiani, M.M.M., Andrade, M.F., Morawska, L. and Kumar, P. A review of emissions and concentrations of particulate matter in the three metropolitan areas of Brazil. *Journal of Transport & Health*, 4: 53-72, 2017. <https://doi.org/10.1016/j.jth.2017.01.008>
- Salimi, F., Rahman, M., Clifford, S., Ristovski, Z.D. and Morawska, L. Nocturnal new particle formation events in urban environments. *Atmospheric Chemistry and Physics*, 17: 521–530, 2017. <https://doi.org/10.5194/acp-17-521-2017>
- Wang, J., Zhao, B., Wang, S., Yang, F., Xing, J., Morawska, L., Ding, A., Kulmala, M., Kerminen, V.M., Kujansuu, J., Wang, Z., Ding, D., Zhang, X., Wang, H., Tian, M., Petäjä, T., Jiang, J. and Hao, J. Particulate matter pollution over China and the effects of control measures. *Science of the Total Environment, Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 584-585: 426-447, 2017. <https://doi.org/10.1016/j.scitotenv.2017.01.027>
- Jabbour, N., Jayaratne, E.R., Johnson, G.R., Alroe, J., Uhde, E., Salthammer, T., Cravigan, L., Faghihi, E.M., Kumar, P. and Morawska, L. A Mechanism for the Production of Ultrafine Particles from Concrete Fracture. *Environmental Pollution*, 222: 175-181, 2017. <https://doi.org/10.1016/j.envpol.2016.12.059>
- Zhang, Y., Yang, X., Brown, R., Yang, L., Morawska, L., Ristovski, Z.D., Fu, Q. and Hiang, C. Shipping emissions and their impacts on air quality in China. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 581-582: 186-198, 2017. <https://doi.org/10.1016/j.scitotenv.2016.12.098>
- Buonanno, G., Stabile, Morawska, L., Giovenco, G., and Querol, X. Do air quality targets really represent safe limits for lung cancer risk? *Science of the Total Environment, Virtual Special Issue Indoor & workplace air quality*, 580: 74-82, 2017. <https://doi.org/10.1016/j.scitotenv.2016.11.216>
- Wu, Y., Zhang, S., Hao, J., Liu, H., Wu, X., Hu, J., Walsh, M., Wallington, T.J., Zhang, K.M. and Stevanovic, S. On-road vehicle emissions and their control in China: A review and outlook. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 574: 332-349, 2017. <https://doi.org/10.1016/j.scitotenv.2016.09.040>
- Guo, H., Ling, Z.H., Cheng, H.R., Simpson, I., Lyu, X.P., Wang, X.M., Shao, M., Lu, H.X., Ayoko, G., Zhang, Y., Saunders, S.M., Lam, S.H.M., Wang, J.L. and Blake, D. Tropospheric Volatile Organic Compounds in China. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 574: 1021-1043, 2017. <https://doi.org/10.1016/j.scitotenv.2016.09.116>
- Li, Q., Jiang, J., Wang, S., Rumchev, K., Mead-Hunter, R., Morawska, L., Hao, J. Impacts of Household Coal and Biomass Combustion on Indoor and Ambient Air Quality in China: Current Status and Implication. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 576: 347-361, 2017. <https://doi.org/10.1016/j.scitotenv.2016.10.080>
- Chen, J., Lin, C., Ristovski, Z.D., Milic, A., Gu, Y., Islam, M.S., Wang, S., Hao, J., Zhang, H., He, C., Guo, H., Fu, H., Miljevic, B., Morawska, L., Thai, P., Lam, Y.F.N., Pereira, G., Ding, A., Huang, X. and Dumka, U.C. A review of biomass burning: Emissions and impacts on air quality, health and climate in China. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 579: 1000-1034, 2017. **Among the top cited and downloaded papers for STOTEN with a total of 119 citations and 8,390 downloads in the year 2019 (197 lifetime citations and 28,983 lifetime downloads).** <https://doi.org/10.1016/j.scitotenv.2016.11.025>
- Yeganeh, B., Hewson, M.G., Clifford, S., Tavassoli, A., Knibbs, L.D. and Morawska, L. A satellite-based model for estimating PM_{2.5} concentration in a sparsely populated environment using soft computing techniques. *Environmental Modelling & Software*, 88: 84-92, 2017. <https://doi.org/10.1016/j.envsoft.2016.11.017>
- Yang, L., Hou, J., Wei, Y., Thai, P. and Chai, F. Biomarkers of the health outcomes associated with ambient particulate matter exposure – Review. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 579: 1446-1459, 2017.
- Rizza, V., Stabile, L., Buonanno, G. and Morawska, L. Variability of airborne particle metrics in urban area. *Environmental Pollution*, 220(Part A): 625-635, 2017. <https://doi.org/10.1016/j.envpol.2016.10.013>
- Ly, M., Luong, T., Phung, D., Sly, P.D., Morawska, L., and Thai, P. The association between particulate air pollution and respiratory admissions amongst young children in Hanoi, Vietnam. *Science of the Total Environment*, 578: 249-255, 2017. <https://doi.org/10.1016/j.scitotenv.2016.08.012>
- Mallet, M. D., Desservettaz, M. J., Miljevic, B., Milic, A., Ristovski, Z.D., Alroe, J., Cravigan, L. T., Jayaratne, E. R., Paton-Walsh, C., Griffith, D. W. T., Wilson, S. R., Kettlewell, G., van der Schoot, M. V., Selleck, P., Reisen, F., Lawson, S. J., Ward, J., Harnwell, J., Cheng, M., Gillett, R. W., Molloy, S. B., Howard, D., Nelson, P. F., Morrison, A. L., Edwards, G. C., Williams, A. G., Chambers, S. D., Werczynski, S., Williams, L. R., Winton, V. H. L., Atkinson, B., Wang, X., and Keywood, M. D. Biomass burning emissions in north Australia during the early dry season: an overview of the 2014 SAFIRED campaign. *Atmospheric Chemistry and Physics*, 17: 13681-13697, 2017. <https://doi.org/10.5194/acp-17-13681-2017>
- Desservettaz, M., Paton-Walsh, C., Griffith, D.W.T., Kettlewell, G., Keywood, M.D., Vanderschoot, M., V., Ward, J., Mallet, M.D., Milic, A., Miljevic, B., Ristovski, Z.D., Howard, D., Edwards, G.C. and Atkinson, B. Emission factors of trace gases and particles from tropical savanna fires in Australia. *Journal of Geophysical Research: Atmospheres*, 122(11): 6059-6074, 2017. <https://doi.org/10.1002/2016JD025925>
- Wang, L., Xiang, Z., Stevanovic, S., Ristovski, Z.D., Gao, J., Wang, H. and Li, L. Review: Role of Chinese Cooking Emissions on Ambient Air Quality and Human Health. *Science of the Total Environment: Special Issue on Air Quality in China: Current and Emerging Challenges*, 589: 173-181, 2017. <https://doi.org/10.1016/j.scitotenv.2017.02.124>
- Mallet, M.D., Cravigan, L., Milic A., Alroe, J., Ristovski, Z.D., Ward, J., Keywood, M., Williams, L.R., Selleck, P. and Miljevic, B. Composition, size and cloud condensation nuclei activity of biomass burning aerosol from northern Australian savannah fires. *Atmospheric Chemistry and Physics*, 17: 3605-3617, 2017. <https://doi.org/10.5194/acp-17-3605-2017>

- Milic, A., Mallet, M. D., Cravigan, L. T., Alroe, J., Ristovski, Z.D., Selleck, P., Lawson, S. J., Ward, J., Desservettaz, M. J., Paton-Walsh, C., Williams, L. R., Keywood, M. D., and Miljevic, B.: Biomass burning and biogenic aerosols in northern Australia during the SAFIRE campaign. *Atmospheric Chemistry and Physics*, 17: 3945-3961, 2017. <https://doi.org/10.5194/acp-17-3945-2017>
- Wang, X., Thai, P., Mallet, M., Desservettaz, M., Hawker, D.W., Keywood, M., Miljevic, B., Paton-Walsh, C., Gallen, M. and Mueller, J.F. Emissions of Selected Semivolatile Organic Chemicals from Forest and Savannah Fires. *Environmental Science & Technology*, 51(3): 1293-1302, 2017. <https://doi.org/10.1021/acs.est.6b03503>
- Hossain, F.M., Nabi, M.N., Rainey, T.J., Bodisco, T., Rahman, M.M., Suara, K., Rahman, S.M.A., Van, T.C., Ristovski, Z.D. and Brown, R.J. Investigation of microalgae HTL fuel effects on diesel engine performance and exhaust emissions using surrogate fuels. *Energy Conversion and Management*, 152: 186-200, 2017. <https://doi.org/10.1016/j.enconman.2017.09.016>
- Nabi, M.N., Zare, A., Hossain, F.M., Ristovski, Z.D. and Brown, R.J. Reductions in diesel emissions including PM and PN emissions with diesel-biodiesel blends. *Journal of Cleaner Production*, 166: 860-868, 2017. <https://doi.org/10.1016/j.jclepro.2017.08.096>
- Lawson, S.J., Cope, M., Lee, S., Galbally, I.E., Ristovski, Z.D. and Keywood, M.D. Biomass burning at Cape Grim: Exploring photochemistry using multi-scale modelling. *Atmospheric Chemistry and Physics*, 17(19): 11707-11726, 2017. <https://doi.org/10.5194/acp-17-11707-2017>
- Xiang, Z., Wang, H., Stevanovic, S., Jing, S., Lou, S., Tao, S., Li, L., Liu, J., Yu, M. and Wang, L. Assessing impacts of factors on carbonyl compounds emissions produced from several typical Chinese cooking. *Building and Environment*, 125: 348-355, 2017. <https://doi.org/10.1016/j.buildenv.2017.08.045>
- Du, B., Gao, J., Chen, J., Stevanovic, S., Ristovski, Z.D., Wang, L. and Wang, L. Particle exposure level and potential health risks of domestic Chinese cooking. *Building and Environment*, 123: 564-574, 2017. <https://doi.org/10.1016/j.buildenv.2017.07.031>
- Zare, A., Nabi, M.N., Bodisco, T.A., Hossain, F.M., Rahman, M.M., Chu Van, T., Ristovski, Z.D. and Brown, R.J. Diesel engine emissions with oxygenated fuels: A comparative study into cold-start and hot-start operation. *Journal of Cleaner Production*, 162: 997-1008, 2017. <https://doi.org/10.1016/j.jclepro.2017.06.052>
- Zare, A., Bodisco, T.A., Nabi, M.N., Hossain, F.M., Ristovski, Z.D. and Brown, R.J. Engine Performance during Transient and Steady-State Operation with Oxygenated Fuels. *Energy and Fuels*, 31(7): 7510-7522, 2017. <https://doi.org/10.1021/acs.energyfuels.7b00429>
- Hossain, F.M., Kosinkova, J., Brown, R.J., Ristovski, Z.D., Hankamer, B., Stephens, E. and Rainey, T.J. Experimental investigations of physical and chemical properties for microalgae HTL bio-crude using a large batch reactor. *Energies*, 10(4): art. no. 467, 2017. <https://doi.org/10.3390/en10040467>
- Mitchell, B.J., Zare, A., Bodisco, T.A., Nabi, M.N., Hossain, F.M., Ristovski, Z.D. and Brown, R.J. Engine blow-by with oxygenated fuels: A comparative study into cold and hot start operation. *Energy*, 140: 612-624, 2017. <https://doi.org/10.1016/j.energy.2017.08.115>
- Zare, A., Bodisco, T.A., Nabi, M.N., Hossain, F.M., Rahman, M.M., Ristovski, Z.D. and Brown, R.J. The influence of oxygenated fuels on transient and steady-state engine emissions. *Energy*, 121: 841-853, 2017. <https://doi.org/10.1016/j.energy.2017.01.058>
- Nabi, M.N., Zare, A., Hossain, F.M., Bodisco, T.A., Ristovski, Z.D. and Brown, R.J. A parametric study on engine performance and emissions with neat diesel and diesel-butanol blends in the 13-Mode European Stationary Cycle. *Energy Conversion and Management*, 148: 251-259, 2017. <https://doi.org/10.1016/j.enconman.2017.06.001>
- Kosinkova, J., Ramirez, J.A., Jablonský, M., Ristovski, Z.D., Brown, R. and Rainey, T.J. Energy and chemical conversion of five Australian lignocellulosic feedstocks into bio-crude through liquefaction. *RSC Advances*, 7(44): 27707-27717, 2017. <https://doi.org/10.1039/C7RA02335A>
- Stevanovic, S., Vaughan, A., Hedayat, F., Salimi, F., Rahman, M.M., Zare, A., Brown, R.A., Brown, R.J., Wang, H., Zhang, Z., Wang, X., Bottle, S.E., Yang, I.A. and Ristovski, Z.D. Oxidative potential of gas phase combustion emissions - An underestimated and potentially harmful component of air pollution from combustion processes. *Atmospheric Environment*, 158: 227-235, 2017. <https://doi.org/10.1016/j.atmosenv.2017.03.041>

2016

- Jayarathne, E.R. and Saunders, C.P.R. The interaction of ice crystals with hailstones in wet growth and its possible role in thunderstorm electrification. *Quarterly Journal of the Royal Meteorological Society*, 142(697): 1809-1815, 2016. <https://doi.org/10.1002/qj.2777>
- Villa, T.F., Salimi, F., Morton, K., Morawska, L., and Gonzalez, F. Development and Validation of a UAV Based System for Air Pollution Measurements. *Sensors*, 16(12): 2202, doi:10.3390/s16122202, 2016. <https://doi.org/10.3390/s16122202>
- Pieber, S.M., Haddad, I.E., Slowik, J.G., Canagaratna, M.R., Jayne, J.T., Platt, S.M., Bozzetti, C., Daellenbach, K.R., Fröhlich, R., Vlachou, A., Klein, F., Dommen, J., Miljevic, B., Jiménez, J.L., Worsnop, D.R., Baltensperger, U. and Prévôt, A. Inorganic Salt Interference on CO₂⁺ in Aerodyne AMS and ACSM Organic Aerosol Composition Studies. *Environmental Science & Technology*, 50(19): 10494-10503, 2016. <https://doi.org/10.1021/acs.est.6b01035>
- Jayarathne, E.R., Pushpawela, B., Ling, X. and Morawska, L. First use of a neutral cluster and air ion spectrometer in Australia. *Air Quality and Climate Change*, 50(3): 36-40, 2016. [doi/10.3316/INFORMIT.613898948269512](https://doi.org/10.3316/INFORMIT.613898948269512)
- Knibbs, L.D., Coorey, C.P., Bechle, M.J., Cowie, C.T., Dirgawati, M., Heyworth J.S., Marks, G., Marshall, J.D., Morawska, L., Pereira, G., and Hewson, M.G. Independent validation of national satellite-based land-use regression models for nitrogen dioxide using passive samplers. *Environmental Science & Technology*, 50: 12331-12338, 2016. <https://doi.org/10.1021/acs.est.6b03428>
- Wang, Z., Wu, Z., Yue, D., Shang, D., Guo, S., Sun, J., Ding, A., Wang, L., Jiang, J., Guo, H., Gao, J., Cheung, H.C., Morawska, L., Keywood, M. and Hu, M. New particle formation in China: current knowledge and further directions – Review. *Science of the Total Environment: Virtual Special Issue on Air Quality in China: Current and Emerging Challenges*, 577: 258-266, 2016. <https://doi.org/10.1016/j.scitotenv.2016.10.177>
- Vargas Trassiera, C., Stabile, L., Cardellini, F., Morawska, L. and Buonanno, G. Effect of Indoor-Generated Airborne Particles on Radon Progeny Dynamics. *Journal of Hazardous Materials*, 314: 155-163, 2016. <https://doi.org/10.1016/j.jhazmat.2016.04.051>
- Bryant, J.M., Grogono, D.M., Rodriguez-Rincon, D., Everall, I., Brown, K.P., Moreno, P., Verma, D., Hill, E., Drijkoningen, J., Gilligan, P., Esther, C.R., Noone, P.G., Giddings, O., Bell, S.C., Thomson, R. Wainwright, C.E., Coulter, C., Pandley, S., Wood, M.E., Stockwell, R.E., Ramsay, K.A., Sherrard, L.J., Kidd, T.E., Jabbour, N., Johnson, G.R., Knibbs, L.D., Morawska, L., Sly, P.D., Jones, A., Bilton, D., Laurenson, I., Rubby, M., Bourke, S., Bowler, I.C.J.W., Chapman, S.J., Clayton, A., Cullen, M., Dempsey, O., Denton, M., Desai, M., Drew, R.J., Edenborough, F., Evans, J., Folb, J., Daniels, T., Humphrey, H., Isalska, B., Jensen-Fangel, S., Jönsson, B., Katzenstein, T.L., Lillebaek, T., MacGregor, G., Mayell, S., Millar, M., Modha, D., Nash, E.F., O'Brien, C., O'Brien, D., Ohri, C., Pao, C.S., Peckham, D., Perrin, F., Perry, A., Pressler, T., Prtak, L., Qvist, T., Robb, A., Rodgers, H., Schaffer, K., Shafi, N., van Ingen, J.,

- Walshaw, M., Watson, D., West, N., Whitehouse, J., Haworth, C.S., Harris, S.R., Ordway, D., Parkhill, J. and Floto, A. Population-level genomics identifies the emergence and global spread of a human transmissible multidrug-resistant nontuberculous mycobacterium. *Science*, 354(6313):751-757, 2016. <https://dx.doi.org/10.1126%2Fscience.aaf8156>
- Salonen, H., Duchaine, C., Letourneau, V., Mazaheri, M., Laitinen, S., Clifford, S., Mikkola, R., Lappalainen, S., Reijula, K. and Morawska, L. Endotoxin levels and contribution factors of endotoxins in resident, school, and office environments – A review. *Atmospheric Environment*, 142: 360-369, 2016. <https://doi.org/10.1016/j.atmosenv.2016.08.018>
- Lim, S.S., and **GBD 2016 Sustainable Development Goals (SDG) Collaborators** including Morawska, L. Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. *The Lancet*, 388(10053): 1813-1850, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31467-2](https://doi.org/10.1016/S0140-6736(16)31467-2)
- Kassebaum, N.J., and **GBD 2015 Maternal Mortality Collaborators** inc. Morawska, L. Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015, *The Lancet*, 388 (10053): 1775-1812, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31470-2](https://doi.org/10.1016/S0140-6736(16)31470-2)
- Wang, H., Bhutta, Z.A., and **GBD 2015 Child Mortality Collaborators** inc. Morawska, L. Global, regional, national and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality during 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388: 1725-1774, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31575-6](https://doi.org/10.1016/S0140-6736(16)31575-6)
- Forouzanfar, M.H., and **GBD 2015 Risk Factors Collaborators** inc. Morawska, L. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053): 1659-1724, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31679-8](https://doi.org/10.1016/S0140-6736(16)31679-8)
- Vos, T., and **GBD 2015 Disease and Injury Incidence and Prevalence Collaborators** inc. Morawska, L. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015, *The Lancet*, 388(10053): 1545-1602, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31678-6](https://doi.org/10.1016/S0140-6736(16)31678-6)
- Wang, H., Naghavi, M., and **GBD 2015 Mortality and Causes of Death Collaborators** inc. Morawska, L. Global, regional, and national life expectancy, all-cause and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053): 1459-1544, 2016. [https://doi.org/10.1016/S0140-6736\(16\)31012-1](https://doi.org/10.1016/S0140-6736(16)31012-1)
- Jayarathne, E.R., Pushpawela, B. and Morawska, L. Temporal evolution of charged and neutral nanoparticle concentrations during atmospheric new particle formation events and its implications for ion-induced nucleation. *Frontiers of Environmental Science and Engineering*, 10(5): 13, 2016. **Paper is within the 30 most downloadable articles in FESE for the period of one year from July 2016 to June 2017.** <https://doi.org/10.1007/s11783-016-0862-x>
- Villa, T., Gonzalez, F., Miljevic, B., Ristovski, Z.D. and Morawska, L. An Overview of Small Unmanned Aerial Vehicles for Air Quality Measurements: Present Applications and Future Prospective. *Sensors*, 16(7): 1072, 2016. <https://doi.org/10.3390/s16071072>
- Johnson, G., Knibbs, L.D., Kidd, T.J., Wainwright, C., Wood, C.E., Ramsay, K.A., Bell, S. and Morawska, L. A novel method and its application to measuring pathogen decay in bioaerosols from patients with respiratory disease. *PLoS One*, 11(7): e0158763, 2016. <https://doi.org/10.1371/journal.pone.0158763>
- Kumar, P., de Fatima Andrade, M., Ynoue, R.Y., Fornaro, A., Dias de Freitas, E., Martins, J., Martins, L.D., Albuquerque, T., Zhang, Y. and Morawska, L. New Directions: From biofuels to wood stoves: the modern and ancient air quality challenges in the megacity of São Paulo. *Atmospheric Environment*, 140: 364-369, 2016. <https://doi.org/10.1016/j.atmosenv.2016.05.059>
- Zeng, X.-W., Vivian, E., Mohammed, K.A., Jakhar, S., Vaughn, M., Huang, J., Zelicoff, A., Xaverius, P., Bai, Z., Lin, S., Hao, Y.-T., Paul, G., Morawska, L., Wang, S.-Q., Qian, Z. Dong, G.-H., Long-term ambient air pollution and lung function impairment in Chinese children from a high air pollution range area: The Seven Northeastern Cities (SNEC) study. *Atmospheric Environment*, 138: 144-151, 2016. <https://doi.org/10.1016/j.atmosenv.2016.05.003>
- McGarry, P., Clifford, S., Knibbs, L.D., He, C. and Morawska, L. Case studies: Application of multi-monitor approach to characterisation of particle emissions from nanotechnology and non-nanotechnology processes. *Journal of Occupational and Environmental Hygiene*, 13(10): D175-D197, 2016. <https://doi.org/10.1080/15459624.2016.1200194>
- Salthammer, T., Uhde, E., Schripp, T., Schieweck, A., Morawska, L., Mazaheri, M., Clifford, S. and He, Children's well-being at schools: Impact of climatic conditions and air pollution. *Environmental International*, 94: 196-210, 2016. <https://doi.org/10.1016/j.envint.2016.05.009>
- Kumar, P., Skouloudis, A.N., Bell, M., Viana, M., Carotta, C., Biskos, G. and Morawska, L. Real-time sensors for indoor air monitoring and challenges ahead in deploying them to urban buildings. *Science of the Total Environment*, 560-561: 150-159, 2016. <https://doi.org/10.1016/j.scitotenv.2016.04.032>
- Zhu, Y., Qin, X.-W., Paul, G., Morawska, L., Su, M.-W., Tsai, C.-H., Wang, S.-Q., Lee, Y.L., Dong, G.-H. Associations of Serum Perfluoroalkyl Acids Levels with T-helper Cell-specific Cytokines in Children: by Gender and Asthma Status. *Science of the Total Environment*, 559: 166-173, 2016. <https://doi.org/10.1016/j.scitotenv.2016.03.187>
- Phung, D., Hien, T.T., Linh, L.M.T., Morawska, L., Chu, C. Binh, N.D. and Thai, P. Air Pollution and Risk of Respiratory and Cardiovascular Hospitalizations in the Most Populous City in Vietnam, *Science of The Total Environment*, 557-558: 322-330, 2016. <https://doi.org/10.1016/j.scitotenv.2016.03.070>
- He, C., Miljevic, B., Crilley, L.R., Surawski, N.C., Bartsch, J., Salimi, F., Uhde, E., Schnelle-Kreis, J., Orasche, J., Ristovski, Z.D., Ayoko, G.A., Zimmermann, R., Morawska, L. Characterisation of the Impact of Open Biomass Burning on Urban Air Quality in Brisbane, Australia. *Environmental International*, 91: 230-242, 2016. <https://doi.org/10.1016/j.envint.2016.02.030>
- Phung, D., Thai, P., Guo, Y., Morawska, L., Rutherford, S. and Chu, C. Ambient temperature and risk of cardiovascular hospitalization: An updated systematic review and meta-analysis. *Science of the Total Environment*, 550: 1084-1102, 2016. <https://doi.org/10.1016/j.scitotenv.2016.01.154>
- Swan, H. B., Crough, R. W., Vaattovaara, P., Jones, G. B., Deschaseaux, E. S. M., Eyre, B. D., Miljevic, B. and Ristovski, Z.D. Dimethyl sulfide and other biogenic volatile organic compound emissions from branching coral and reef seawater: potential sources of secondary aerosol over the Great Barrier Reef. *Journal of Atmospheric Chemistry*, 1-26, 2016. <https://doi.org/10.1007/s10874-016-9327-7>
- Hedayat, F., Stevanovic, S., Milic, A., Miljevic, B., Nabi, M. N., Zare, A., Bottle, S. E., Brown, R. J. and Ristovski, Z.D. Influence of oxygen content of the certain types of biodiesels on particulate oxidative potential. *Science of the Total Environment*, 545–546: 381-388, 2016. <https://doi.org/10.1016/j.scitotenv.2015.12.036>

- Mazaheri, M., Reche, C., Rivas, I., Crilley, L.R., Álvarez-Pedrerol, M., Viana, M., Tobias, A., Alastuey, A., Sunyer, J., Querol, X. and Morawska, L. Variability in Exposure to Ambient Ultrafine Particles in Urban Schools: Comparative Assessment between Australia and Spain. *Environmental International*, 88: 142-149, 2016. <https://doi.org/10.1016/j.envint.2015.12.029>
- Faghihi, E.M., Martin, D., Salimi, F., Edwards, G., He, C. and Morawska, L. What are the driving factors influencing the size distribution of airborne synthetic clay particles emitted from a jet milling process? *Aerosol and Air Quality Research*, 16(1): 25-35, 2016. [10.4209/aaqr.2015.03.0170](https://doi.org/10.4209/aaqr.2015.03.0170)
- Brauer, M., Freedman, G., Frostad, J., van Donkelaar, A., Martin, R., Dentener, F., van Dingenen, R., Estep, K., Amini, H., Apte, J., Balakrishnan, K., Barregard, L., Broday, D., Feigin, V., Ghosh, S., Hopke, P., Knibbs, L., Kokubo, Y., Liu, Y., Ma, S., Morawska, L., Texcalac Sangrador, J.L., Shaddick, G., Anderson, H.R., Vos, T., Forouzanfar, M., Burnett, R. and Cohen, A. Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. *Environmental Science & Technology*, 88: 50-79, 2016. <https://doi.org/10.1021/acs.est.5b03709>
- Chen, L., Zhou, Y., Li, S., Kan, H., Marks, G.B., Morawska, L., Abramson, M.J., Chen, S., Yao, T., Qin, T., Wu, S. and Guo, Y. Air pollution and fasting blood glucose: A longitudinal study in China. *Science of the Total Environment*, 541: 750-755, 2016. <https://doi.org/10.1016/j.scitotenv.2015.09.132>
- Crilley, L.R., Ayoko, G.A., Mazaheri, M. and Morawska, L. Factors influencing the outdoor concentration of carbonaceous aerosols at urban schools in Brisbane, Australia: implications for children's exposure. *Environmental Pollution*, 208 (Part A): 249-255, 2016. <https://doi.org/10.1016/j.envpol.2015.04.017>
- Jayarathne, E.R., Ling, X. and Morawska, L. Charging State of Aerosols during Particle Formation Events in an Urban Environment and its Implications for Ion-Induced Nucleation. *Aerosol and Air Quality Research*, 16: 348-360, 2016. <https://doi.org/10.4209/aaqr.2015.03.0148>
- He, C., Knibbs, L.D., Quang, N.T., Wang, H., Laiman, R., Wang, B., Gu, Y. and Morawska, L. Unexpected Increase in Indoor Pollutants after the Introduction of a Smoke-Free Policy in a Correctional Centre. *Indoor Air*, 26: 623-633, 2016. <https://doi.org/10.1111/ina.12238>
- Nabi, M.N., Zare, A., Hossain, F.M., Rahman, M.M., Bodisco, T.A., Ristovski, Z.D. and Brown, R.J. Influence of fuel-borne oxygen on European Stationary Cycle: Diesel engine performance and emissions with a special emphasis on particulate and NO emissions. *Energy conversion and management*, 127: 187-198, 2016. <https://doi.org/10.1016/j.enconman.2016.09.010>
- Babaie, M., Kishi, T., Arai, M., Zama, Y., Furuhashi, T., Ristovski, Z.D., Rahmizadeh, H. and Brown, R.J. Influence of non-thermal plasma after-treatment technology on diesel engine particulate matter composition and NOx concentration. *International Journal of Environmental Science and Technology*, 13(1): 221-230, 2016. <https://doi.org/10.1007/s13762-015-0865-3>
- Milic, A., Miljevic, B., Alroe, J., Mallet, M., Canonaco, F., Prevot, A.S.H. and Ristovski, Z.D. The ambient aerosol characterization during the prescribed bushfire season in Brisbane 2013. *Science of the Total Environment*, 560: 225-232, 2016. <https://doi.org/10.1016/j.scitotenv.2016.04.036>
- Zare, A., Nabi, M.N., Bodisco, T.A., Hossain, F.M., Rahman, M.M., Ristovski, Z.D. and Brown, R.J. The effect of triacetin as a fuel additive to waste cooking biodiesel on engine performance and exhaust emissions. *Fuel*, 182: 640-649, 2016. <https://doi.org/10.1016/j.fuel.2016.06.039>
- Savic, N., Rahman, M.M., Miljevic, B., Saathoff, H., Naumann, K.H., Leisner, T., Riches, J., Gupta, B., Motta, N. and Ristovski, Z.D. Influence of biodiesel fuel composition on the morphology and microstructure of particles emitted from diesel engines. *Carbon*, 104: 179-189, 2016. <https://doi.org/10.1016/j.carbon.2016.03.061>
- Kosinkova, J., Ramirez, J.A., Ristovski, Z.D., Brown, R. and Rainey, T.J. Physical and chemical stability of Bagasse biocrude from liquefaction stored in real conditions. *Energy & Fuels*, 30(12): 10499-10504, 2016. <https://doi.org/10.1021/acs.energyfuels.6b02115>
- Mallet, M., Cravigan, L., Miljevic, B., Vaattovaara, P., Deschaseaux, E., Swan, H., Jones, G. and Ristovski, Z. Sea spray aerosol in the Great Barrier Reef and the presence of nonvolatile organics. *Journal of Geophysical Research: Atmospheres*, 121(12): 7088-7099, 2016. <https://doi.org/10.1002/2016JD024966>

2015

- Kumar, P., Martani, C., Morawska, L., Norford, L., Choudhary, R.R., Bell, M. and Leach, M. Indoor air quality and energy management through real-time sensing in commercial buildings. *Energy and Buildings*, 111: 145-153, 2015. <https://doi.org/10.1016/j.enbuild.2015.11.037>
- Salimi, F., Crilley, L.R., Stevanovic, S., Ristovski, Z.D., Mazaheri, M., He, C., Johnson, G.R., Ayoko, G.A. and Morawska, L. Insights into the Growth of Newly Formed Particles in a Subtropical Urban Environment. *Atmospheric Chemistry and Physics*, 15: 13475-13485, 2015. <https://doi.org/10.5194/acp-15-13475-2015>
- Fuoco, F.C., Stabile, L., Buonanno, G., Vargas, C., Massimo, A.M., Russi, A., Mazaheri, M., Morawska, L. and Andrade, A. Indoor air quality in naturally ventilated Italian classrooms. *Atmosphere*, 6(11): 1652-1675, 2015. <https://doi.org/10.3390/atmos6111652>
- Kumar, P., Khare, M., Harrison, R.M., Bloss, W.J., Lewis, A.C., Coe, H. and Morawska, L. New Directions: Air pollution challenges for developing megacities like Delhi. *Atmospheric Environment*, 112: 657-661, 2015. <http://doi.org/10.1016/j.atmosenv.2015.10.032>
- Jayarathne, E.R., Clifford, S. and Morawska, L. Atmospheric Visibility and PM₁₀ as Indicators of New Particle Formation in an Urban Environment. *Environmental Science & Technology*, 49(21): 12751-12757, 2015. <https://doi.org/10.1021/acs.est.5b01851>
- Forouzanfar, M.H. and **GBD 2013 Risk Factors Collaborators** inc. Morawska, L. Global, regional and national comparative risk assessment of 79 behavioural, environmental/occupational and metabolic risks or clusters of risks in 188 countries 1990-2013: a systematic analysis for the GBD 2013. *The Lancet*, 386(10010): 2287-2323, 2015. [https://doi.org/10.1016/S0140-6736\(15\)00128-2](https://doi.org/10.1016/S0140-6736(15)00128-2)
- Mishra, N., Ayoko, G.A. and Morawska, L. Atmospheric polycyclic aromatic hydrocarbons in the urban environment: occurrence, toxicity and source apportionment. *Environmental Pollution Special Issue: Urban Health and Wellbeing*, 208 (Part A): 110-117, 2015. <https://doi.org/10.1016/j.envpol.2015.08.015>
- Buonanno, G., Giovenco, G., Morawska, L. and Stabile, L. Lung cancer risk of airborne particles for Italian population. *Environmental Research*, 142: 443-451, 2015. <https://doi.org/10.1016/j.envres.2015.07.019>
- Wangchuk, T., Knibbs, L.D., He, C. and Morawska, L. Mobile assessment of on-road air pollution and its sources along the East-West Highway in Bhutan. *Atmospheric Environment*, 118: 98-106, 2015. <https://doi.org/10.1016/j.atmosenv.2015.07.040>
- Vos, T., and **GBD 2013 Collaborators** inc. Morawska, L. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden

- of Disease Study 2013. *The Lancet*, 386(9995): 743–800, 2015. [https://doi.org/10.1016/S0140-6736\(15\)60692-4](https://doi.org/10.1016/S0140-6736(15)60692-4)
- Toms, L.M., Mazaheri, M., Brommer, S., Clifford, S., Drage, D., Mueller, J.F., Thai, P., Harrad, S., Morawska, L. and Harden, F.A. Polybrominated diphenyl ethers (PBDEs) in dust from primary schools in SouthEast Queensland, Australia. *Environmental Research*, 142: 135-140, 2015. <https://doi.org/10.1016/j.envres.2015.06.007>
- Wangchuk, T., Mazaheri, M., Clifford, S., Dudzinska, M., He, C., Buonanno, G. and Morawska, L. Children's personal exposure to air pollution in rural villages in Bhutan. *Environmental Research*, 140: 691-698, 2015. <https://doi.org/10.1016/j.envres.2015.06.006>
- Brines, M., Dall'Osto, M., Beddows, D.C.S., Harrison, R.M., Gómez-Moreno, F.J., Núñez, L., Artifano, B., Costabile, F., Gobbi, G.P., Salimi, F., Morawska, L., Sioutas, C. and Querol, X. Traffic and nucleation events as main sources of ultrafine particles in high-insolation developed world cities. *Atmospheric Chemistry and Physics*, 15: 5929-5945, 2015. <https://doi.org/10.5194/acp-15-5929-2015>
- Mishra, N., Ayoko, G.A., Salthammer, T. and Morawska, L. Evaluating the risk of mixtures in the indoor air of primary school classrooms. *Environmental Science and Pollution Research*, 22(19): 15080-15088, 2015. <https://doi.org/10.1007/s11356-015-4619-z>
- Jayarathne, R., Ling, X. and Morawska, L. Comparison of Charged Nanoparticle Concentrations near Busy Roads and Overhead High-Voltage Power Lines. *Science of the Total Environment*, 526: 14-18, 2015. **Article was downloaded 348 times in the period since publication on the 20 April 2015 to the 31 July 2015.** <https://doi.org/10.1016/j.scitotenv.2015.04.074>
- Wangchuk, T., He, C., Dudzinska, M. and Morawska, L. Seasonal variations of outdoor air pollution and factors driving them in the school environment in rural Bhutan. *Atmospheric Environment*, 113: 151-158, 2015. **Article has been downloaded or viewed 354 times since publication as at December 12, 2015.** <https://doi.org/10.1016/j.atmosenv.2015.05.004>
- Manigrasso, M., Buonanno, G., Stabile, L., Avino, P. and Morawska, L. Particle doses in the pulmonary lobes of electronic and conventional cigarette users. *Environment International*, 202: 24-31, 2015. <https://doi.org/10.1016/j.envpol.2015.03.008>
- Cheung, H. C., Chou, C. C.-K., Jayaratne, E.R., and Morawska, L. Impact of particle formation on atmospheric ions and particle number concentrations in an urban environment. *Atmospheric Research*, 157: 127-136, 2015. <https://doi.org/10.1016/j.atmosres.2015.01.017>
- Faghihi, E.M., Martin, D., Clifford, S., Edwards, G., He, C., Asbach, C. and Morawska, L. Are there generalizable trends in the release of airborne synthetic clay nanoparticles from a jet milling process? *Aerosol and Air Quality Research*, 15: 365–375, 2015. <https://doi.org/10.4209/aaqr.2014.06.0124>
- Beggs, C., Knibbs, L.D., Johnson, G.R. and Morawska, L. Environmental contamination and hospital acquired infection: factors that are easily overlooked. *Indoor Air*, 25(5): 462-474, 2015. <https://doi.org/10.1111/ina.12170>
- Cole-Hunter, T., Morawska, L. and Solomon, C. Bicycle commuting and exposure to air pollution: a questionnaire-based investigation of perceptions, symptoms and risk management strategies. *Journal of Physical Activity and Health*, 12: 490-499, 2015. <https://doi.org/10.1123/jpah.2013-0122>
- Buonanno, G. and Morawska, L. Ultrafine particle emission of waste incinerators and comparison to the exposure of urban citizens Waste Management. *Waste Management*, 37: 75-81, 2015. <https://doi.org/10.1016/j.wasman.2014.03.008>
- Salonen, H., Duchaine, C., Mazaheri, M., Clifford, S. and Morawska, L., Airborne culturable fungi in naturally ventilated primary school environments in a subtropical climate. *Atmospheric Environment, Special Issue: Indoor Air*. 106: 412-418, 2015. <https://doi.org/10.1016/j.atmosenv.2014.07.052>
- Mishra, N., Bartsch, J., Ayoko, G.A., Salthammer, T. and Morawska, L. Volatile Organic Compounds: Characteristics, distribution and sources in urban schools. *Atmospheric Environment, Special Issue: Indoor Air*, 106: 485-491, 2015. <https://doi.org/10.1016/j.atmosenv.2014.10.052>
- Salonen, H., Duchaine, C., Mazaheri, M., Clifford, S., Lappalainen, S., Reijula, K. and Morawska, L. Airborne viable fungi in school environments in different climatic regions – A review. *Atmospheric Environment*, 104: 186-194, 2015. <https://doi.org/10.1016/j.atmosenv.2015.01.012>
- Ezz, W.N., Mazaheri, M., Robinson, P., Johnson, G., Clifford, S., He, C., Morawska, L. and Marks, G. Ultrafine Particles from Traffic Emissions and Children's Health (UPTech) in Brisbane, Queensland: Study Design and Implementation. *International Journal of Environmental Research and Public Health*, 12: 1687-1702, 2015. <https://doi.org/10.3390/ijerph120201687>
- Kumar, P., Morawska, L., Martani, C., Biskos, G., Neophytou, M., Di Sabatino, S., Bell, M., Norford, L., and Britter, R. The rise of low-cost sensing for managing air pollution in cities. *Environmental International*, 75: 199-205, 2015. **This article surpassed the milestone of 1000 citations (as of 21/12/2024). This article has been a significant contribution to the field, garnering attention from policy makers, important reports, and the media.** <https://doi.org/10.1016/j.envint.2014.11.019>
- Jayarathne, E.R., Ling, X. and Morawska, L. Suppression of Cluster Ions during Rapidly Increasing Particle Number Concentration Events in the Environment. *Aerosol and Air Quality Research*, 15: 28–37, 2015. <https://doi.org/10.4209/aaqr.2014.05.0106>
- Kosinkova, J., Ramirez, J.A., Nguyen, J., Ristovski, Z.D., Brown, R., Lin, C.S., Rainey, T.J., Hydrothermal liquefaction of bagasse using ethanol and black liquor as solvents. *Biofuels, Bioproducts and Biorefining*, 9(6): 630-638, 2015. <https://doi.org/10.1002/bbb.1578>
- Jovašević-Stojanović, M., Bartonova, A., Topalović, D., Lazović, I., Pokrić, B. and Ristovski, Z.D. On the use of small and cheaper sensors and devices for indicative citizen-based monitoring of respirable particulate matter. *Environmental Pollution*, 8112: 696-704, 2015. <https://doi.org/10.1016/j.envpol.2015.08.035>
- Kosinkova, J., Doshi, A., Maire, J., Ristovski, Z.D., Brown, R. and Rainey, T.J. Measuring the regional availability of biomass for biofuels and the potential for microalgae. *Renewable and Sustainable Energy Reviews*, 49: 1271-1285, 2015. <https://doi.org/10.1016/j.rser.2015.04.084>
- Babaie, M., Davari, P., Talebizadeh, P., Zare, F., Rahimzadeh, H., Ristovski, Z.D. and Brown, R., Performance evaluation of non-thermal plasma on particulate matter, ozone and CO₂ correlation for diesel exhaust emission reduction. *Chemical Engineering Journal*, 276: 240-248, 2015. <https://doi.org/10.1016/j.cej.2015.04.086>
- Pourkhesalian, A.M., Stevanovic, S., Rahman, M.M., Faghihi, E.M., Bottle, S.E., Masri, A.R., Brown, R.J. and Ristovski, Z.D. Effect of atmospheric aging on volatility and reactive oxygen species of biodiesel exhaust nano-particles. *Atmospheric Chemistry and Physics*, 15(16): 9099-9108, 2015. <https://doi.org/10.5194/acp-15-9099-2015>
- Nabi, M.N., Rahman, M.M., Islam, M.A., Hossain, F.M., Brooks, P., Rowlands, W.N., Tulloch, J., Ristovski, Z.D. and Brown, R.J., Fuel characterisation, engine performance, combustion and exhaust emissions with a new renewable Licella biofuel. *Energy Conversion and Management*, 96: 588-598, 2015. <https://doi.org/10.1016/j.enconman.2015.02.085>
- Rahman, M.M., Stevanovic, S., Islam, M.A., Heimann, K., Nabi, M.N., Thomas, G., Feng, B., Brown, R.J., and Ristovski, Z.D. Particle

- emissions from microalgae biodiesel combustion and their relative oxidative potential. *Environmental Sciences: Processes and Impacts*, 17(9): 1601-1610, 2015. <https://doi.org/10.1039/C5EM00125K>
- Cravigan, L.T., Ristovski, Z.D., Modini, R.L., Keywood, M.D., and Gras, J.L. Observation of sea-salt fraction in sub-100 nm diameter particles at Cape Grim. *Journal of Geophysical Research D: Atmospheres*, 120(5): 1848-1864, 2015. <https://doi.org/10.1002/2014JD022601>
- Cvetković, A., Jovašević-Stojanović, M., Marković, D., and Ristovski, Z.D. Concentration and source identification of polycyclic aromatic hydrocarbons in the metropolitan area of Belgrade, Serbia. *Atmospheric Environment*, 112: 335-343, 2015. <https://doi.org/10.1016/j.atmosenv.2015.04.034>
- Simpson, E.M., Ristovski, Z.D., Bottle, S.E., Fairfull-Smith, K.E., and Blinco, J.P. Modular design of profluorescent polymer sensors. *Polymer Chemistry*, 6(15): 2962-2969, 2015. <https://doi.org/10.1039/C5PY00120J>
- Lawson, S. J., Selleck, P. W., Galbally, I. E., Keywood, M. D., Harvey, M. J., Lerot, C., Helmig, D., and Ristovski, Z.D. Seasonal in situ observations of glyoxal and methylglyoxal over the temperate oceans of the Southern Hemisphere. *Atmospheric Chemistry and Physics*, 15: 223-240, 2015. <https://doi.org/10.5194/acp-15-223-2015>
- Vaughan, A., Stevanovic, S., Morrison, L. E., Pourkhesalian, A. M., Rahman, M., Zare, A., Miljevic, B., Goh, F., Relan, V., Bowman, R. V., Fong, K. M., Bottle, S. E., Ristovski, Z.D. and Yang, I. A. Removal of Organic Content from Diesel Exhaust Particles Alters Cellular Responses of Primary Human Bronchial Epithelial Cells Cultured at an Air-Liquid Interface. *Journal of Environmental & Analytical Toxicology*, 5: 316-325, 2015. <https://doi.org/10.4172/2161-0525.1000316>
- Stevanovic S., Miljevic B., Madl P., Clifford S. and Ristovski Z.D., Characterisation of a Commercially Available Thermodenuder and Diffusion Drier for Ultrafine Particles Losses. *Aerosol and Air Quality Research*, 15: 357-363, 2015. <https://doi.org/10.4209/aaqr.2013.12.0355>
- Lawson, S., Keywood, M., Galbally, I., Gras, J., Cainey, J., Cope, M., Krummel, P., Fraser, P., Steele, L., Bentley, S., Meyer, C., Ristovski, R.D. and Goldstein, A.H. Biomass burning emissions of trace gases and particles in marine air at Cape Grim, Tasmania. *Atmospheric Chemistry and Physics*, 15(23): 13393-13411, 2015. <https://doi.org/10.5194/acp-15-13393-2015>
- Islam, M.A., Rahman, M.M., Heimann, K., Nabi, M.N., Ristovski, Z.D., Dowell, A., Thomas, G., Feng, B., Von Alvensleben, N. and Brown, R.J. Combustion analysis of microalgae methyl ester in a common rail direct injection diesel engine. *Fuel*, 351-360, 2015. <https://doi.org/10.1016/j.fuel.2014.11.063>
- Hedayat, F., Stevanovic, S., Miljevic, B., Bottle, S., Ristovski, Z.D., Review-evaluating the molecular assays for measuring the oxidative potential of particulate matter. *Chemical Industry and Chemical Engineering Quarterly*, 21(1-2): 201-210, 2015. <https://doi.org/10.2298/CICEQ140228031H>

2014

- Zhu, C., Li, J.G., Wang, L., Morawska, L., Zhang, X. and Zhang, Y.L. Size-resolved particle distribution and gaseous concentrations by real-world road tunnel measurement. *Indoor and Built Environment*, 23(2): 225-235, 2014. <https://doi.org/10.1177%2F1420326X13509290>
- Clifford, S., Mazaheri, M., Jayaratne, E.R., Mokhtar, M.A., Fuoco, F., Buonanno, G. and Morawska, L. Estimation of inhaled ultrafine particle surface area dose in urban environments. *ANZIAM Journal* 55: C437-C447, 2014. <https://doi.org/10.21914/anziamj.v55i0.7819>
- Clifford, S., Mølgård, B., Low Choy, S., Corander, J., Hämeri, K., Mengersen, L. and Hussein, T. Bayesian semi-parametric forecasting with penalised splines and autoregressive errors. *Computational Statistics and Data Analysis*, arXiv:1207.0558v4 [stat.AP]. <https://arxiv.org/abs/1207.0558v4>
- Salimi, F., Crilley, L.R., Stevanovic, S., Ristovski, Z.D., Mazaheri, M., He, C., Johnson, G.R., Ayoko, G.A. and Morawska, L. Investigation into chemistry of new particle formation and growth in subtropical urban environment. *Atmospheric Chemistry and Physics Discussions*, 14: 27945-27971, 2014. <https://doi.org/10.5194/acpd-14-27945-2014>
- Crilley, L., Ayoko, G.A., Stelcer, E., Cohen, D., Mazaheri, M. and Morawska, L. Elemental composition of ambient fine particles in urban schools: sources of children's exposure. *Aerosol and Air Quality Research*, 17(7): 1906-1916, 2014. <https://doi.org/10.4209/aaqr.2014.04.0077>
- Quang, N.T., He, C., Knibbs, L.D., de Dear, R. and Morawska, L. Co-optimisation of indoor environmental quality and energy consumption within urban office buildings. *Energy and Buildings*, 85: 225-234, 2014. **Article was downloaded 673 times since publication in October 2014 to the October 2015.** <https://doi.org/10.1016/j.enbuild.2014.09.021>
- Stabile, L., Jayaratne, R., Buonanno, G. and Morawska, L. Charged particles and cluster ions produced during cooking activities. *Science of the Total Environment*, 497-498: 516-526, 2014. <https://doi.org/10.1016/j.scitotenv.2014.08.011>
- Johnson, G.R., Juwono, A.M., Friend, A., Cheung, H.C., Stelcer, E., Cohen, D., Ayoko, G.A. and Morawska, L. Relating urban airborne particle concentrations to shipping using carbon based elemental emission ratios. *Atmospheric Environment*, 95: 525-536, 2014. **Article was downloaded 264 times since publication in 2 April 2014 to the 4 August 2015.** <https://doi.org/10.1016/j.atmosenv.2014.07.003>
- Surawski, N.C., Miljevic, B., Bodisco, T.A., Situ, R., Brown, R. and Ristovski, Z.D. Performance and gaseous and particle emissions from a liquefied petroleum gas (LPG) fumigated compression ignition engine. *Fuel*, 133: 17-25, 2014. <https://doi.org/10.1016/j.fuel.2014.04.093>
- Miljevic, B; Hedayat, F; Stevanovic, S; Fairfull-Smith, K.; Bottle, S.; Ristovski, Z.D., To sonicate or not to sonicate PM filters: Reactive Oxygen Species generation upon ultrasonic irradiation. *Aerosol Science and Technology*, 48(12): 1276-1284. 2014. <https://doi.org/10.1080/02786826.2014.981330>
- Pourkhesalian, A.M., Stevanovic, S., Rahman, M.M., Jahirul, M.I., Pham, P.X., Wang, H., Masri, A.R., Brown, R.J., Ristovski, Z.D., The influence of fuel molecular structure on the volatility and oxidative potential of biodiesel particulate matter. *Environmental Science & Technology*, 48(21): 12577-12585, 2014. <https://doi.org/10.1021/es503160m>
- Salimi, F., Ristovski, Z.D., Mazaheri, M., Laiman, R., Crilley, L.R., He, C., Clifford, S. and Morawska, L. Assessment and Application of Clustering Techniques to Atmospheric Particle Number Size Distribution for the Purpose of Source Apportionment. *Atmospheric Chemistry and Physics*, 14: 11883-11892, 2014. <https://doi.org/10.5194/acp-14-11883-2014>
- Crilley, L.R., Jayaratne, E.R., Ayoko, G.A., Miljevic, B., Ristovski, Z.D. and Morawska, L. Observations on the formation, growth and chemical composition of aerosols in an urban environment. *Environmental Science & Technology*, 48: 6588-6596, 2014.

<https://doi.org/10.1021/es5019509>

- Laiman, R., He, C., Mazaheri, M., Clifford, S., Salimi, F., Crilley, L.R., Mokhtar, M. and Morawska, L. Characteristics of ultrafine particle sources and deposition rates in primary school classrooms. *Atmospheric Environment*, 94: 28-35, 2014. <https://doi.org/10.1016/j.atmosenv.2014.05.013>
- Crilley, L.R., Qadir, R.M., Ayoko, G.A., Schnelle-Kreis, J., Abbaszade, G., Orasche, J., Zimmermann, R. and Morawska, L. Identification of the sources of primary organic aerosols at urban schools: a molecular marker approach. *Environmental Pollution*, 191: 158-165, 2014. <https://doi.org/10.1016/j.envpol.2014.04.023>
- He, C., Salonen, H., Ling, X., Crilley, L., Jayasundara, N., Cheung, H.C., Hargreaves, M., Huygens, F., Knibbs, L.D., Ayoko, G.A. and Morawska, L. The Impact of Flood and Post-Flood Cleaning on Airborne Microbiological and Particle Contamination in Residential Houses. *Environment International*, 69: 9-17, 2014. <https://doi.org/10.1016/j.envint.2014.04.001>
- Knibbs, L.D., Johnson, G.R., Kidd, T., Cheney, J., Grimwood, K., Kattenbelt, J., O'Rourke, P., Ramsay, K., Sly, P., Wainwright, C., Wood, M., Morawska, L. and Bell, S. Viability of *Pseudomonas Aeruginosa* in Cough Aerosols Generated by persons with Cystic Fibrosis. *Thorax*, 69: 740-745, 2014. <http://dx.doi.org/10.1136/thoraxjnl-2014-205213>
- Kumar, P. and Morawska, L. Recycling Concrete: An undiscovered source of ultrafine particles? *Atmospheric Environment*, 90: 51-58, 2014. <https://doi.org/10.1016/j.atmosenv.2014.03.035>
- Kumar, P., Morawska, L., Birmili, W., Paasonen, P., Hu, M., Kulmala, M., Harrison, R.M., Norford, L. and Britter, R. Ultrafine particles in cities. *Environmental International*, 66: 1-10, 2014. <https://doi.org/10.1016/j.envint.2014.01.013>
- Jayarathne, E.R., Ling, X. and Morawska, L. Observation of Ions and Particles near Busy Roads using a Neutral Cluster and Air Ion Spectrometer (NAIS). *Atmospheric Environment*, 84: 198-2013, 2014. **Article was downloaded or viewed 163 times in the first three months since publication (31 December 2013 – 13 March 2014).** <https://doi.org/10.1016/j.atmosenv.2013.11.045>
- Mazaheri, M., Clifford, S., Jayaratne, E.R., Mokhtar, M., Fuoco, F., Buonanno, G. and Morawska, L. School children's personal exposure to ultrafine particles in the urban environment. *Environmental Science & Technology*, 48(1): 113-120, 2014. <https://doi.org/10.1021/es403721w>
- Crilley, L.R., Ayoko, G.A. and Morawska, L. First Measurements of Source apportionment of organic aerosols at multiple sites in the Southern Hemisphere. *Environmental Pollution*, 184: 81-88, 2014. <https://doi.org/10.1016/j.envpol.2013.08.015>
- Ayoko, G.A., Singh, A., Lim, M.C., Ristovski, Z.D., Jayaratne, E.R., Morawska, L., King, G. and Christensen, E. Characterization of VOCs from LPG and Unleaded Petroleum Fuelled Passenger cars. *Fuel*, 115: 636-643, 2014. <https://doi.org/10.1016/j.fuel.2013.06.031>
- Buonanno, G., Stabile, L. and Morawska, L. Personal exposure to ultrafine particles: the influence of time-activity patterns. *Science of the Total Environment*, 468-469: 903-907, 2014. <https://doi.org/10.1016/j.scitotenv.2013.09.016>
- Buonanno, G., Jayaratne, E.R., Morawska, L. and Stabile, L. Metrological performances of a diffusion charger particle counter for personal monitoring. *Aerosol and Air Quality Research*, 14: 156-167, 2014. <https://doi.org/10.4209/aaqr.2013.05.0152>
- Talebizadeh, P., Babaie, M., Brown, R., Rahimzadeh, H., Ristovski, Z.D., Arai, M. The role of non-thermal plasma technique in NO_x treatment: A review. *Renewable and Sustainable Energy Reviews*, 40: 886-901, 2014. <https://doi.org/10.1016/j.rser.2014.07.194>
- Rahman, M.M., Pourkhesalian, A.M., Jahurul, M.I., Stevanovic, S., Pham, P.X., Wang, H., Masri, A.R., Brown, R.J. and Ristovski, Z.D. Particle emissions from biodiesels with different physical properties and chemical composition. *Fuel*, 134: 201-208, 2014. <https://doi.org/10.1016/j.fuel.2014.05.053>
- Pham, P.X., Bodisco, T.A., Ristovski, Z.D., Brown, R.J. and Masri, A.R. The influence of fatty acid methyl ester profiles on inter-cycle variability in a heavy duty compression ignition engine. *Fuel*, 116: 140-150, 2014. <https://doi.org/10.1016/j.fuel.2013.07.100>
- Wang, B.G., Ling, X., Zhou, L., Wang, H., Zhang, C.L. A health risk assessment of carbonyl-containing volatile organic compounds in the atmosphere of Chinese megacities. *Social Sciences in China*, 35(3): 143-157, 2014. <https://doi.org/10.1080/02529203.2014.927103>
- Wang B.G., Gu Y.G., Zhou L., Wang H., Gao W., Zhou Z. Determination of Dimethyl Sulfide in Gas Samples by Single Photon Ionization Time of Flight Mass Spectrometry. *Analytical Letters*, 47(12): 2003-2011, 2014. <https://doi.org/10.1080/00032719.2014.895905>

2013

- Stevanovic, S., Miljevic, B., Surawski, N.C., Fairfull-Smith, K.E., Bottle, S., Brown, R. and Ristovski, Z.D. The influence of oxygenated organic aerosols (OOA) on the oxidative potential of diesel and biodiesel particulate matter. *Environmental Science & Technology*, 47(14): 7655-7662, 2013. <https://doi.org/10.1021/es4007433>
- Pereira, M.L., Vilain, R., Galvão, F.H.F., Tribess, A. and Morawska, L. Experimental and Numerical Analysis of the Relationship between Indoor and Outdoor Airborne Particles in an Operating Room. *Indoor and Built Environment*, 22(6): 864-875, 2013. <https://doi.org/10.1177%2F1420326X12460707>
- Johnson, G.R., Jayaratne, E.R., Lau, J., Thomas, V., Juwono, A.M., Kitchen, B. and Morawska, L. Remote Measurement of Diesel Locomotive Emission Factors and Particle Size Distributions. *Atmospheric Environment*, 81: 148-157, 2013. <https://doi.org/10.1016/j.atmosenv.2013.09.019>
- Mokhtar, M. A., Jayaratne, E.R., Morawska, L., Mazaheri, M., Surawski, N. and Buonanno, G. NSAM-derived total surface area vs. SMPS-derived "mobility equivalent" surface area for different environmentally relevant aerosols. *Journal of Aerosol Science*, 66: 1-11, 2013. **Article was downloaded or viewed 202 times in the first two months since publication (31 January – 7 March 2014).** <https://doi.org/10.1016/j.jaerosci.2013.08.003>
- Salonen, H., Duchaine, C., Létourneau, V., Mazaheri, M., Clifford, S. and Morawska, L. Endotoxins in indoor air and settled dust in primary schools in a subtropical climate. *Environmental Science & Technology*, 47: 9882-9890, 2013. <https://doi.org/10.1021/es4023706>
- Motzkus, C., Macé, T., Gaie-Levrel, F., Ducourtieux, S., Delvallee, A., Dirscherl, K., Hodoroaba, V.D., Popov, I., Popov, O., Kuselman, I., Takahata, K., Ehara, K., Ausset, P., Maillé, M., Michielsen, N., Bondiguel, S., Gensdarmes, F., Morawska, L., Johnson, G.R., Faghihi, E.M., Kim, C.S., Kim, Y.H., Chu, M.C., Guardado, J.A., Salas, J.A., Capannelli, G., Costa, C., Bostrom, T., Jämting, A.K., Lawn, M.A., Adlem, L.A. and Vaslin-Reimann, S. Size characterization of airborne SiO₂ nanoparticles with on-line and off-line measurement techniques: an interlaboratory comparison study. *Journal of Nanoparticle Research*, 15: 1919, 2013. <https://doi.org/10.1007/s11051-013-1919-4>
- Veillette, M., Knibbs, L.D., Pelletier, A., Charlebois, R., Lecours, P.B., He, C., Morawska, L. and Duchaine, C. The microbial content of vacuum cleaner bag dust and emitted bioaerosols: Implications for human exposures indoors. *Applied and Environmental*

- Microbiology, 79(20): 6331-6336, 2013. **In August 2013, this paper was selected by the editors of AEM for inclusion in "Spotlight", a feature in the Journal highlighting research articles in the upcoming issue that have been deemed of significant interest.** <https://doi.org/10.1128/AEM.01583-13>
- McGarry, P., Morawska, L., Knibbs, L.D. and Morris, H. Excursion guidance criteria to guide control of peak emission and exposure to airborne engineered particles. *Journal of Occupational and Environmental Hygiene*, 10: 640-651, 2013. <https://doi.org/10.1080/15459624.2013.831987>
- Crilley, L.R., Ayoko, G.A. and Morawska, L. Analysis of organic aerosols collected on filters by Aerosol Mass Spectrometry for source identification. *Analytica Chimica Acta*, 803: 91-96, 2013. <https://doi.org/10.1016/j.aca.2013.07.013>
- Buonanno, G., Stabile, L., Morawska, L. and Russi, A. Children exposure assessment to ultrafine particles and black carbon: the role of transport and cooking activities. *Atmospheric Environment*, 79: 53-58, 2013. <https://doi.org/10.1016/j.atmosenv.2013.06.041>
- Ling, X., Jayaratne, E.R. and Morawska, L. The Relationship between Airborne Small Ions and Particles in Urban Environments. *Atmospheric Environment*, 79: 1-6, 2013. <https://doi.org/10.1016/j.atmosenv.2013.06.006>
- Quang, T.N., He, C., Morawska, L. and Knibbs, L.D. Influence of ventilation and filtration on indoor particle concentrations in urban office buildings. *Atmospheric Environment*, 79: 41-52, 2013. <https://doi.org/10.1016/j.atmosenv.2013.06.009>
- Buonanno, G., Marks, G.B. and Morawska, L. Health effects of daily airborne particle dose in children: direct association between personal dose and respiratory health effects. *Environmental Pollution*, 180: 246-250, 2013. <https://doi.org/10.1016/j.envpol.2013.05.039>
- Mazaheri, M., Bostrom, T., Johnson, G.R. and Morawska, L. Composition and Morphology of Particle Emissions from in-use Aircraft during Takeoff and Landing. *Environmental Science & Technology*, 47: 5235-5242, 2013. <https://doi.org/10.1021/es3046058>
- Salimi, F., Mazaheri, M., Clifford, S., Crilley, L.R., Laiman, R. and Morawska, L. Spatial variation of particle number concentration in school microscale environments and its impact on exposure assessment. *Environmental Science & Technology*, 47: 5251-5258, 2013. <https://doi.org/10.1021/es400041r>
- Crilley, L.R., Ayoko, G.A., Jayaratne, E.R., Salimi, F., and Morawska, L. Aerosol Mass Spectrometric analysis of the chemical composition of non-refractory PM₁ samples from school environments in Brisbane, Australia. *Science of the Total Environment*, 458(460): 81-89, 2013. <https://doi.org/10.1016/j.scitotenv.2013.04.007>
- Morawska, L., Afshari, A., Bae, G.N., Buonanno, G., Chao, C.Y.H., Hänninen, O., Hofmann, W., Isaxon, C., Jayaratne, E.R., Pasanen, P., Salthammer, T., Waring, M. and Wierzbicka, A. Indoor Aerosols: From Personal Exposure to Risk Assessment. *Indoor Air*, 23: 462-487, 2013. <https://doi.org/10.1111/ina.12044>
- Cole-Hunter, T., Solomon, C., Jayaratne, E.R., Stewart, I. and Morawska, L. Utility of an alternative bicycle commute route of lower proximity to motorised traffic in decreasing exposure to ultra-fine particles, respiratory symptoms and airway inflammation - a structured exposure experiment. *Environmental Health*, 12(1): 29, 2013. Online publication: <https://doi.org/10.1186/1476-069X-12-29>
- Juwono, A., Johnson, G.R., Mazaheri, M., Morawska, L., Roux, F. and Kitchen, B. Investigation of the airborne submicrometer particles emitted by dredging vessels using the plume capture method. *Atmospheric Environment*, 73: 112-123, 2013. <https://doi.org/10.1016/j.atmosenv.2013.03.024>
- Friend, A., Ayoko, G.A., Jager, D., Wust, M., Jayaratne, E.R., Jamriska, M. and Morawska, L. Sources of Ultrafine Particles and Chemical Species along a Traffic Corridor: Comparison of the Results from Two Receptor Models. *Environmental Chemistry*, 10: 54-63, 2013. <https://doi.org/10.1071/EN12149>
- Kumar, P., Jain, S., Gurjar, B.R., Sharma, P., Khare, M., Morawska, L., Britter, R. New directions: Can a 'Blue Sky' Return to Indian Megacities? *Atmospheric Environment*, 71: 198-201, 2013. <https://doi.org/10.1016/j.atmosenv.2013.01.055>
- Salonen, H., and Morawska, L. Physical characteristics of the indoor environment that affect health and wellbeing in healthcare facilities: A review. *Intelligent Buildings International*, 5(1): 3-25, 2013. <https://doi.org/10.1080/17508975.2013.764838>
- Salonen, H., Lahtinen, M., Lappalainen, S., Nevala, N., Knibbs, L.D., Morawska, L., and Reijula, K. Design approaches for promoting beneficial indoor environments in healthcare facilities: A review. *Intelligent Buildings International*, 5(1): 26-50, 2013. <https://doi.org/10.1080/17508975.2013.764839>
- Bruce, N., Dora, C., Krzyzanowski, M., Adair-Rohani, H., Wangchuk, T. and Morawska, L. Tackling the health burden from household air pollution (HAP): development and implementation of new WHO Guidelines. *Air Quality and Climate Change*, 47: 32-38, 2013.
- Buonanno, G., Fuoco, F., Morawska, L., and Stabile, L. Airborne particle concentrations at schools measured at different spatial scales. *Atmospheric Environment*, 67: 38-45, 2013. <https://doi.org/10.1016/j.atmosenv.2012.10.048>
- Jahirul, M.I., Brown, R.J., Senadeera, W., O'Hara, I.M. and Ristovski, Z.D. The use of artificial neural networks for identifying sustainable biodiesel feedstocks. *Energies*, 6(8): 3764-3806, 2013. <https://doi.org/10.3390/en6083764>
- Babaie, M., Davari, P., Zare, F., Rahman, M.M., Rahimzadeh, H., Ristovski, Z.D. and Brown, R. Effect of pulsed power on particle matter in diesel engine exhaust using a DBD plasma reactor. *IEEE Transactions on Plasma Science*, 41(8): 2349-2358, 2013. <https://doi.org/10.1109/TPS.2013.2270015>
- Dunlop, M., Ristovski, Z.D., Gallagher, E., Parcsi, G., Modini, R.L., Agranovski, V., Stuetz, R.M. Odour, dust and non-methane volatile organic-compound emissions from tunnel-ventilated layer-chicken sheds: A case study of two farms. *Animal Production Science*, 53(12): 1309-1318, 2013. <https://doi.org/10.1071/AN12343>
- Pham, P.X., Bodisco, T.A., Stevanovic, S., Rahman, M.D., Wang, H., Ristovski, Z.D., Brown, R.D. and Masri, A.R. Engine Performance Characteristics for Biodiesels of Different Degrees of Saturation and Carbon Chain Lengths. *SAE International*, 6(2): 188-198, 2013. <https://www.jstor.org/stable/26272809>
- Surawski, N.C., Miljevic, B., Bodisco, T.A., Brown, R.J., Ristovski, Z.D. and Ayoko, G.A. Application of multi-criteria decision making methods to compression ignition engine efficiency and gaseous, particulate and greenhouse gas emissions. *Environmental Science & Technology*, 47(4): 1904-1912, 2013. <https://doi.org/10.1021/es3035208>
- Tjernström, M., Leck, C., Birch, C.E., Brooks, B.J., Brooks, I.M., Bäcklin, L., Chang, R.Y.-W., Granath, E., Graus, M., Hansel, A., Heintzenberg, J., Held, A., Hind, A., De La Rosa, S., Johnston, P., Knulst, J., De Leeuw, G., Di Liberto, L., Martin, M., Matrai, P.A., Mauritsen, T., Müller, M., Norris, S.J., Orellana, M.V., Orsini, D.A., Paatero, J., Persson, P.O.G., Gao, Q., Rauschenberg, C., Ristovski, Z.D., Sedlar, J., Shupe, M.D., Sierau, B., Sirevaag, A., Sjogren, S., Stetzer, O., Swietlicki, E., Szczodrak, M., Vaattovaara, P., Walberg, N., Westberg, M. and Wheeler, C.R. The Arctic Summer Cloud-Ocean Study (ASCOS): overview and experimental design. *Atmospheric Chemistry and Physics Discussions*, 13(5): 13541-13652, 2013. <https://doi.org/10.5194/acp-14-2823-2014>

2012

- Lim, S.S., and **GBD 2010 Collaborators** inc. Morawska, L. A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*, 380(9859): 2224–2260, 2012. [https://doi.org/10.1016/S0140-6736\(12\)61766-8](https://doi.org/10.1016/S0140-6736(12)61766-8)
- Vos, T., and **GBD 2010 Collaborators** inc. Morawska, L. Years lived with disability (YLDs) for 1,160 sequelae of 289 diseases and injuries, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*, 380: 2163–2196, 2012. [https://doi.org/10.1016/S0140-6736\(12\)61729-2](https://doi.org/10.1016/S0140-6736(12)61729-2)
- Murray, C.L.J., and **GBD 2010 Collaborators** inc. Morawska, L. Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*, 380: 2197–2223, 2012. [https://doi.org/10.1016/S0140-6736\(12\)61689-4](https://doi.org/10.1016/S0140-6736(12)61689-4)
- Buonanno, G., Marini, S., Morawska, L., and Fuoco, F.C. Individual dose and exposure of Italian children to ultrafine particles. *Science of the Total Environment*, 438: 271–277, 2012. <https://doi.org/10.1016/j.scitotenv.2012.08.074>
- Cole-Hunter, T., Morawska, L., Stewart, I., Jayaratne, E.R., and Solomon, C. Inhaled particle counts on bicycle commute routes of low and high proximity to motorised traffic. *Atmospheric Environment*, 61: 197–203, 2012. <https://doi.org/10.1016/j.atmosenv.2012.06.041>
- Friend, A., Ayoko, G.A., Jayaratne, E.R., Jamriska, M., Hopke, P., and Morawska, L. Source apportionment of ultrafine and fine particles particle concentrations in Brisbane, Australia. *Environmental Science and Pollution Research*, 19: 2942–2950, 2012. <https://doi.org/10.1007/s11356-012-0803-6>
- Knibbs, L.D., and Morawska, L. Traffic-related fine and ultrafine particle exposures of professional drivers and illness: An opportunity to better link exposure science and epidemiology to address an occupational hazard? *Environment International*, 49: 110–114, 2012. <https://doi.org/10.1016/j.envint.2012.08.013>
- Quang, T.N., He, C., Morawska, L., Knibbs, L.D. and Falk, M. Vertical Particle Concentration Profiles around Urban Office Buildings. *Atmospheric Chemistry and Physics*, 12: 5017–5030, 2012. <https://doi.org/10.5194/acp-12-5017-2012>
- Cheung, H.C., Morawska, L., Ristovski, Z.D. and Wainwright, D. Influence of medium range transport of particles from nucleation burst on particle number concentration within the urban airshed. *Atmospheric Chemistry and Physics Discussions*, 12(11): 4951–4962, 2012. <https://doi.org/10.5194/acp-12-4951-2012>
- Crilley, L.R., Knibbs, L.D., Miljevic, B., Cong, X., Fairfull-Smith, K.E., Bottle, S.E., Ristovski, Z.D., Ayoko, G.A. and Morawska, L. Concentration and oxidative potential of on-road particle emissions and their relationship with traffic composition: Relevance to exposure assessment. *Atmospheric Environment*, 59: 533–539, 2012. <https://doi.org/10.1016/j.atmosenv.2012.05.039>
- Jayaratne, E.R., Ling, X., He, C. and Morawska, L. Monitoring Charged Particle and Ion Emissions from a Laser Printer. *Journal of Electrostatics*, 70: 333–338, 2012. <https://doi.org/10.1016/j.elstat.2012.04.006>
- Buonanno, G., Morawska, L., Stabile, L., Wang, L. and Giovenco, G. A comparison of submicrometer particle dose between Australian and Italian people. *Environmental Pollution*, 169: 183–189, 2012. <https://doi.org/10.1016/j.envpol.2012.03.002>
- Wang, H., He, C., Morawska, L., McGarry, P. and Johnson, G.R. Ozone-initiated particle formation, particle ageing and precursors in a laser printer. *Environmental Science & Technology*, 46: 704–712, 2012. <https://doi.org/10.1021/es203066k>
- Ristovski, Z.D., Miljevic, B., Surawski, N., Morawska, L., Fong, K., Goh, F. and Yang, I. Respiratory health effects of diesel particulate matter. *Respirology*, 17(2): 201–212, 2012. <https://doi.org/10.1111/j.1440-1843.2011.02109.x>
- Jayaratne, E.R., Meyer, N., Ristovski, Z.D. and Morawska, L. Volatile properties of particles emitted by compressed natural gas and diesel buses during steady state and transient driving modes. *Environmental Science & Technology*, 46: 196–203, 2012. <https://doi.org/10.1021/es2026856>
- Knibbs, L.D., He, C., Duchaine, C. and Morawska, L. Vacuum cleaner emissions as a source of indoor exposure to airborne particles and bacteria. *Environmental Science & Technology*, 46: 534–542, 2012. **Paper ranked in the most read articles for the first quarter of 2012 in ES&T.** <https://doi.org/10.1021/es202946w>
- Knibbs, L.D., Morawska, L. and Bell, S. The risk of airborne influenza transmission in passenger cars. *Epidemiology and Infection*, 140: 474–478, 2012. <https://doi.org/10.1017/S0950268811000835>
- Miljevic, B., Surawski, N., Bostrom, T., Ristovski, Z.D., Restructuring of carbonaceous particles upon exposure to organic and water vapours. *Journal of Aerosol Science*, 47: 48–57, 2012. <https://doi.org/10.1016/j.jaerosci.2011.12.005>
- Kumar, P., Kumar, A., and Lead, J. R. Nanoparticles in Indian environment: Known, unknowns and awareness. *Environmental Science & Technology*, 46: 7071–7072, 2012. <https://doi.org/10.1021/es302308h>
- Nabi, M.N., Brown, R.J., Ristovski, Z.D. and Hustad, J.E. A comparative study of the number and mass of fine particles emitted with diesel fuel and marine gas oil (MGO). *Atmospheric Environment*, 57: 22–28, 2012. <https://doi.org/10.1016/j.atmosenv.2012.04.039>
- Surawski, N., Ristovski, Z.D., Brown, R. and Situ, R. Gaseous and particle emissions from an ethanol fumigated compression ignition engine. *Energy Conversion and Management*, 54: 145–151, 2012. <https://doi.org/10.1016/j.enconman.2011.10.011>
- Stevanovic, S., Ristovski, Z.D., Miljevic, B., Fairfull-Smith, K.E. and Bottle, S. Application of profluorescent nitroxides for measurements of oxidative capacity of combustion generated particles. *Chemical Industry and Chemical Engineering Quarterly*, 18(4): 653–659, 2012. <https://doi.org/10.2298/CICEQ120113113S>
- Stevanovic, S., Miljevic, B., Eaglesham, G.K., Bottle, S.E., Ristovski, Z.D. and Fairfull-Smith, K.E. The Use of a Nitroxide Probe in DMSO to Capture Free Radicals in Particulate Pollution. *European Journal of Organic Chemistry*, 12(30): 5908–5912, 2012. <https://doi.org/10.1002/efoc.201200903>

2011

- Wardoyo, A.Y.P., Morawska, L., Ristovski, Z.D. CO₂ Emissions from the Combustion of Native Australian Trees. *International Journal of Basic and Applied Sciences*, 11(40): 70–77, 2011. http://www.ijens.org/Vol_11_I_04/118204-9393-IJBAS-IJENS.pdf
- Knibbs, L.D., Morawska, L., Bell, S. and Grzybowski, P. Room ventilation and the risk of airborne infection transmission in three health care settings within a large teaching hospital. *American Journal of Infection Control*, 39: 866–872, 2011. <https://doi.org/10.1016/j.ajic.2011.02.014>
- Buonanno, G., Giovenco, G., Morawska, L. and Stabile, L. Tracheobronchial and alveolar dose of submicrometer particles for different population age groups in Italy. *Atmospheric Environment*, 45: 6216–6224, 2011. <https://doi.org/10.1016/j.atmosenv.2011.07.066>

- Jayarathne, E.R., Ling, X. and Morawska, L. The Role of Vegetation in Enhancing Radon Concentration and Ion Production in the Atmosphere. *Environmental Science & Technology*, 45: 6350-6355, 2011. <https://doi.org/10.1021/es201152g>
- Knibbs, L.D. and Morawska, L. An investigation of commuter exposure to ultrafine particles in Sydney. *Air Quality and Climate Change*, 45(2): 15-20, 2011. <https://search.informit.org/doi/epdf/10.3316/informit.025708795760202>
- Buonanno, G., Morawska, L. and Stabile, L. Exposure to welding particles in automotive plants. *Journal of Aerosol Science*, 42: 295-304, 2011. <https://doi.org/10.1016/j.jaerosci.2011.02.003>
- Jayarathne, E.R., Johnson, G.R., McGarry, P., Cheung, H.C. and Morawska, L. Characteristics of Airborne Ultrafine and Coarse Particles during the Australian Dust Storm of 23 September 2009. *Atmospheric Environment*, 45: 3996-4001, 2011. <https://doi.org/10.1016/j.atmosenv.2011.04.059>
- Johnson, G.R., Morawska, L., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Chao, C., Wan, M.P., Li, Y., Xie, X., Katoshevski, D. and Corbett, S. Modality of human expired aerosol size distributions. *Journal of Aerosol Science*, 42(12): 839-851, 2011. <https://doi.org/10.1016/j.jaerosci.2011.07.009>
- Clifford, S., Low Choy, S., Hussein, T., Mengersen, K. and Morawska, L. Using the Generalised Additive Model to Model the Particle Number Count of Ultrafine Particles. *Atmospheric Environment*, 45: 5934-5945, 2011. <https://doi.org/10.1016/j.atmosenv.2011.05.004>
- Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Volatility characterisation of cooking-generated aerosol particles. *Aerosol Science & Technology*, 45: 1069-1077, 2011. <https://doi.org/10.1080/02786826.2011.580797>
- McGarry, P., Morawska, L., He, C., Jayaratne, E.R., Falk, M., Tran, Q. And Wang, H. Exposure to ultrafine particles from laser printers operating within office workplaces. *Environmental Science & Technology*, 45: 6444-6452, 2011. <https://doi.org/10.1021/es200249n>
- Jayarathne, E.R., Ling, X. and Morawska, L. Corona Ions from High-Voltage Power Lines: Nature of Emission and Dispersion. *Journal of Electrostatics*, 69: 228-235, 2011. <https://doi.org/10.1016/j.elstat.2011.03.014>
- Mazaheri, M., Johnson, G.R. and Morawska, L. An Inventory of Particle and Gaseous Emissions from Large Aircraft Thrust Engine Operations at an Airport. *Atmospheric Environment*, 45: 3500-3507, 2011. <https://doi.org/10.1016/j.atmosenv.2010.12.012>
- Cheung, H.C., Morawska, L. and Ristovski, Z.D. Observation of new particle formation in subtropical urban environment. *Atmospheric Chemistry and Physics*, 11(8): 3823-3833, 2011. <https://doi.org/10.5194/acp-11-3823-2011>
- Knibbs, L.D., Cole-Hunter, T. and Morawska, L. A review of commuter exposure to ultrafine particles and its health effects. *Atmospheric Environment*, 45: 2611-2622, 2011. **One of the "Top 5 Most Downloaded Articles" published in the Journal from April-June 2011.** <https://doi.org/10.1016/j.atmosenv.2011.02.065>
- He, C., Morawska, L. and Mengersen, K. The Effect of Indoor and Outdoor Sources and House Characteristics on Indoor Airborne Particles and NO₂. *Air Quality and Climate Change*, 45: 36-41, 2011. <https://search.informit.org/doi/epdf/10.3316/informit.768834641204208>
- Mengersen K., Morawska L., Wang H., Murphy, N., Tayphasavanh F. Darasavong K. and Holmes N.S. The effect of housing characteristics and occupant activities on the respiratory health of women and children in Lao PDR. *Science of the Total Environment*, 409: 1378-1384, 2011. <https://doi.org/10.1016/j.scitotenv.2011.01.016>
- Parienta, D., Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Corbett, S., Chao, C., Li, Y. and Katoshevski, D. Theoretical analysis of the motion and evaporation of exhaled respiratory droplets of mixed composition. *Journal of Aerosol Science*, 42(1): 1-10, 2011. <https://doi.org/10.1016/j.jaerosci.2010.10.005>
- Mengersen K., Morawska L., Wang H., Murphy, N., Tayphasavanh F. Darasavong K. and Holmes N.S. Association between Indoor Air pollution measurements and respiratory health in women and children in Lao PDR. *Indoor Air*, 21: 25-35, 2011. <https://doi.org/10.1111/j.1600-0668.2010.00679.x>
- Morawska L., Mengersen K., Wang, H., Tayphasavanh F. Darasavong K. and Holmes N.S. Pollutant concentrations within households in Lao PDR and association with housing characteristics and occupants' activities. *Environmental Science & Technology*, 45: 882-889, 2011. <https://doi.org/10.1021/es102294v>
- Wang, L., Morawska, L., Jayaratne, E.R., Mengersen, K. and Heuff, D. Characteristics of Airborne Particles and the Factors Affecting Them at Bus Stations. *Atmospheric Environment*, 45: 611-620, 2011. <https://doi.org/10.1016/j.atmosenv.2010.10.036>
- Mejía, J., Low Choy, S., Mengersen, K. and Morawska, L. Methodology for assessing exposure and impacts of air pollutants in school children: data collection, analysis and health effects - a literature review. *Atmospheric Environment*, 45: 813-823, 2011. **Ranked in the top 25 most read articles for Elsevier's AE for the year 2011.** <https://doi.org/10.1016/j.atmosenv.2010.11.009>
- Surawski, N., Miljevic, B., Ayoko, G.A., Roberts, A., Eltahir, S., Fairfull-Smith, K., Bottle, S. and Ristovski, Z.D. Physicochemical Characterization of Particulate Emissions from a Compression Ignition Engine Employing Two Injection Technologies and Three Fuels. *Environmental Science & Technology*, 45(13): 5498-5505, 2011. <https://doi.org/10.1021/es200388f>
- Friend, A., Ayoko, G.A. and Elgabir, S. Source apportionment of fine particles at a suburban site in Queensland, Australia. *Environmental Chemistry*, 8(2): 163-173, 2011. <https://doi.org/10.1071/EN10112>
- Friend, A., Ayoko, G.A. and Guo, H. Multi-criteria ranking and receptor modelling of airborne fine particles at three sites in the Pearl River Delta region of China. *Science of the Total Environment*, 409: 719-737, 2011. <https://doi.org/10.1016/j.scitotenv.2010.11.008>

2010

- Morawska, L. Airborne particles and Health. *Air Quality and Climate Change*, 44: 13-15, 2010. <https://search.informit.org/doi/epdf/10.3316/informit.281414746526615>
- Morawska, L. Airborne engineered nanoparticles: are they a health problem? *Air Quality and Climate Change*, 44:18, 2010. <https://search.informit.org/doi/epdf/10.3316/informit.361517889965617>
- Wang, L., Jayaratne, E.R., Heuff, D. and Morawska, L. Development of a Composite Line Source Emission Model and its Application to Particle Number at a Bus Station. *Atmospheric Environment*, 44: 3269-3277, 2010. <https://doi.org/10.1016/j.atmosenv.2010.05.052>
- Jayarathne, E.R., Meyer, N., Ristovski, Z.D., Morawska, L. and Miljevic, B. A Critical Analysis of High Particle Number Emissions from Accelerating Compressed Natural Gas Buses. *Environmental Science & Technology*, 44(10): 3724-3731, 2010. <https://doi.org/10.1021/es1003186>

- Buonanno, G., Morawska, L., Stabile, L. and Viola, A. Exposure to particle number, surface area and PM concentrations in pizzerias. *Atmospheric Environment*, 44: 3963-3969, 2010. **"Top-50 most cited articles" published in *Atmospheric Environment* for 2010-2011.** <https://doi.org/10.1016/j.atmosenv.2010.07.002>
- Jayarathne, E.R., Ling, X. and Morawska, L. Ions in Motor Vehicle Exhaust and Their Dispersion near Busy Roads. *Atmospheric Environment*, 44: 3644-3650, 2010. <https://doi.org/10.1016/j.atmosenv.2010.06.043>
- Guo, H., Morawska, L., He, C., Zhang, Y., Ayoko, G.A. and Cao, M. Characterization of particle number concentrations and PM_{2.5} in a school: Influence of outdoor air pollution on Indoor Air. *Environmental Science and Pollution Research*, 17: 1268-1278, 2010. <https://doi.org/10.1007/s11356-010-0306-2>
- He, C., Morawska, L., Wang, H., Jayaratne, E.R., McGarry, P., Johnson, G.R., Bostrom, T., Gonthier, J., Authemayou, S. and Ayoko, G.A. Quantification of the relationship between fuser roller temperature and laser printer emissions. *Journal of Aerosol Science*, 41(6): 523-530, 2010. <https://doi.org/10.1016/j.jaerosci.2010.02.015>
- Ling, X., Jayaratne, E.R. and Morawska, L. Air Ion Concentrations in Various Urban Outdoor Environments. *Atmospheric Environment*, 44(18): 2186-2193, 2010. <https://doi.org/10.1016/j.atmosenv.2010.03.026>
- Morawska, L. New Directions Column: Shall we peel and orange? *Atmospheric Environment*, 44: 2260-2261, 2010. <https://doi.org/10.1016/j.atmosenv.2010.04.006>
- Knibbs, L.D., de Dear, R.J. and Morawska, L. Effect of cabin ventilation rate on ultrafine particle exposure inside automobiles. *Environmental Science & Technology*, 44: 3546-3551, 2010. <https://doi.org/10.1021/es9038209>
- Jayarathne, E.R., Ristovski, Z.D., Morawska, L. and Meyer, N. Carbon Dioxide Emissions from Diesel and Compressed Natural Gas Buses during Acceleration. *Transportation Research Part D: Transport and Environment*, 15(5): 247-253, 2010. <https://doi.org/10.1016/j.trd.2010.03.005>
- Ristovski, Z.D., Wardoyo, A.Y.P., Morawska, L., Jamriska, M., Carr, S. and Johnson, G.R. Biomass Burning Influenced Particles Characteristics in Northern Territory Australia Based on Airborne Measurements. *Atmospheric Research*, 96: 103-109, 2010. <https://doi.org/10.1016/j.atmosres.2009.12.002>
- Morawska, L. Indoor Air Quality and Health. *Air Quality and Climate Change*, 44(4): 12.14, 2010. <https://search.informit.org/doi/10.3316/INFORMIT.623273870200810>
- Morawska, L. Adverse health effects to air pollution and guidelines to prevent them. *Air Quality and Climate Change*, 44: 16-18, 2010. <https://eprints.qut.edu.au/38687/>
- Keogh, D.U., Kelly, J., Mengersen, K., Jayaratne, E.R., Ferreira, L. and Morawska, L. Derivation of motor vehicle tailpipe particle emission factors suitable for modelling urban fleet emissions and air quality assessments. *Environmental Science and Pollution Research*, 17: 724-739, 2010. <https://doi.org/10.1007/s11356-009-0210-9>
- J-Fatokun, F., Jayaratne, E.R., Morawska, L., Birtwhistle, D., Rachman, R. and Mengersen, K. Corona Ions from Overhead Transmission Voltage Powerlines: Effect On Direct Current Electric Field and Ambient Particle Concentration Levels. *Environmental Science & Technology*, 44: 526-531, 2010. <https://doi.org/10.1021/es9024063>
- Miljevic, B., Fairfull-Smith, K., Bottle, S. and Ristovski, Z.D. The application of profluorescent nitroxides to detect reactive oxygen species derived from combustion-generated particulate matter: Cigarette smoke – a case study. *Atmospheric Environment*, 44(18): 2224-2230, 2010. <https://doi.org/10.1016/j.atmosenv.2010.02.043>
- Modini, R., Johnson, G.R., He, C., Ristovski, Z.D. Observation of the suppression of water uptake by marine particles. *Atmospheric Research*, 98(2-4): 219-228, 2010. <https://doi.org/10.1016/j.atmosres.2010.03.025>
- Miljevic, B., Heringa, M., Keller, A., Meyer, N., Good, J., Lauber, A., DeCarlo, P., Fairfull-Smith, K., Nussbaumer, T., Bartscher, H., Prevot, A., Baltensperger, U., Bottle, S. and Ristovski, Z.D. Oxidative potential of logwood and pellet burning particles assessed by a novel profluorescent nitroxide probe. *Environmental Science & Technology*, 44(17): 6601–6607, 2010. <https://doi.org/10.1021/es100963y>
- Knibbs, L.D., and de Dear, R.J. Exposure to ultrafine particles and PM_{2.5} in four Sydney transport modes. *Atmospheric Environment*, 44: 3224-3227, 2010. <https://doi.org/10.1016/j.atmosenv.2010.05.026>
- Modini, R., Agranovski, V., Meyer, N., Gallagher, E., Dunlop, M. and Ristovski, Z.D. Dust emissions from a tunnel-ventilated broiler poultry shed with fresh and partially reused litter. *Animal Production Science*, 50(5-6): 552-556, 2010. <https://doi.org/10.1071/AN09207>
- Surawski, N., Miljevic, B., Roberts, B., Modini, R., Brown, R., Bottle, S. and Ristovski, Z.D. Particle Emissions, Volatility, and Toxicity from an Ethanol Fumigated Compression Ignition Engine. *Environmental Science & Technology*, 44(1): 229-235, 2010. <https://doi.org/10.1021/es9021377>
- Good, N., Topping, D., Duplissy, J., Gysel, M., Meyer, N., Metzger, A., Turner, S., Baltensperger, U., Ristovski, Z.D., Weingartner, E., Coe, H. and McFiggans, G. Widening the gap between measurement and modelling of secondary organic aerosol properties? *Atmospheric Chemistry and Physics*, 10: 2577-2593, 2010. <https://doi.org/10.5194/acp-10-2577-2010>
- Modini, R., Harris, B. and Ristovski, Z.D. The organic fraction of bubble-generated, accumulation mode Sea Spray Aerosol (SSA). *Atmospheric Chemistry and Physics*, 10: 2867-2877, 2010. <https://doi.org/10.5194/acp-10-2867-2010>

2009

- Friend, A. and Ayoko, G.A. Multi-criteria ranking and source apportionment of fine particulate matter in Brisbane, Australia. *Environmental Chemistry*, 6: 398–406, 2009. <https://doi.org/10.1071/EN09035>
- Morawska, L., He, C., Johnson, G.R., Guo, H., Uhde, E. and Ayoko, G.A. Ultrafine particles in indoor air of a school: possible role of secondary organic aerosols. *Environmental Science & Technology*, 43(24): 9103-9109, 2009. <https://doi.org/10.1021/es902471a>
- Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Uncertainty budget of the SMPS-APS system in the measurement of PM₁, PM_{2.5} and PM₁₀. *Aerosol Science and Technology*, 43(11): 1130-1141, 2009. <https://doi.org/10.1080/02786820903204078>
- Buonanno, G., Stabile, L. and Morawska, L. Particle emission factors during cooking activities. *Atmospheric Environment*, 43(20): 3235-3242, 2009. <https://doi.org/10.1016/j.atmosenv.2009.03.044>
- Hofmann, W., Morawska, L., Winkler-Heil, R. and Moustafa, M. Deposition of Combustion Aerosols in the Human Respiratory Tract: Comparison of Theoretical Predictions with Experimental Data. *Inhalation Toxicology*, 21 (14): 1154-1164, 2009. <https://doi.org/10.3109/08958370902806696>

- Ristovski, Z.D., Suni, T., Kulmala, M., Boy, M., Meyer, N., Duplissy, J., Turnipseed, A., Morawska, L. and Baltensperger, U. The Role of Sulphates and Organic Vapours in New Particle Formation in a Eucalypt Forest. *Atmospheric Chemistry and Physics*, 10(6): 2919-2926, 2009. <http://www.atmos-chem-phys-discuss.net/9/17793/2009/>
- Wainwright, C., France, M., O'Rourke, P., Anuj, S., Kidd, T., Nissen, M., Sloots, T., Coulter, C., Ristovski, Z.D., Hargreaves, M., Rose, B., Harbour, C., Bell, S. and Fennelly, K. Cough-generated Aerosols of *Pseudomonas aeruginosa* and other Bacteria from Cystic Fibrosis Patients. *Thorax*, 64: 926-931, 2009. <http://dx.doi.org/10.1136/thx.2008.112466>
- Ovadnevaite, J., Ceburnis, D., Plauskaite-Sukienė, K., Modini, R., Dupuy, R., Rimselyte, I., Ramonet, M., Kvietkus, K., Ristovski, Z.D., Berresheim, H. and O'Dowd, C. Volcanic sulphate and arctic dust plumes over the North Atlantic Ocean. *Atmospheric Environment*, 43(32): 4968-4974, 2009. <https://doi.org/10.1016/j.atmosenv.2009.07.007>
- Mazaheri, M., Johnson, G.R. and Morawska, L. Technical Note: Application of Bag Sampling Technique for Particle Size Distribution Measurements. *Journal of Environmental Monitoring*, 11: 2087-2090, 2009. <https://doi.org/10.1039/B907891F>
- Ren, C., Tong, S., Williams, G., Mengersen, K. and Morawska, L. Temperature Enhanced Effects of Ozone on Cardiovascular Mortality in 95 Large US Communities 1987-2000: Assessment Using the NMMAPS data. *Archives of Environmental & Occupational Health*, 64: 177-184, 2009. <https://doi.org/10.1080/19338240903240749>
- Mejia, J. and Morawska, L. An investigation of nucleation events in a coastal urban environment in the southern hemisphere. *Atmospheric Chemistry and Physics*, 9: 7877-7888, 2009. <https://doi.org/10.5194/acp-9-7877-2009>
- Morawska, L., Wang, H., Ristovski, Z.D., Jayaratne, E.R., Johnson, G.R., Cheung, H.C., Ling, X. and He, C. JEM Spotlight: Environmental Monitoring of Nanoparticles. *Journal of Environmental Monitoring*, 11: 1758-1773, 2009. **Selected as a 'Hot Article' in October 2009 - articles featured in this section of the Journal have been rated as very significant by expert reviewers in the field. Selected for inclusion in the International Council on Nanotechnology (ICON) Database.** <https://doi.org/10.1039/B912589M>
- Johnson, G.R. and Morawska, L. The Mechanism of Breath Aerosol Formation. *Journal of Aerosol Medicine & Pulmonary Drug Delivery*, 22: 229-237, 2009. **Selected as an 'Editors Pick' in the 22nd Issue of the Journal.** <https://doi.org/10.1089/jamp.2008.0720>
- Jayaratne, E.R., Wang, L., Heuff, D., Morawska, L. and Ferreira, L. Increase in Particle Number Emissions from Motor Vehicles due to Interruption of Steady Traffic Flow. *Transportation Research Part D: Transport and Environment*, 14: 521-526, 2009. <https://doi.org/10.1016/j.trd.2009.07.007>
- Knibbs, L.D., de Dear, R., Mengersen, K. and Morawska, L. On-road ultrafine particle concentration in the M5 East road tunnel, Sydney, Australia. *Atmospheric Environment*, 43: 3510-3519, 2009. <https://doi.org/10.1016/j.atmosenv.2009.04.029>
- Modini, R.L., Ristovski, Z.D., Johnson, G.R., He, C., Surawski, N., Morawska, L., Suni, T., and Kulmala, M. New particle formation and growth at a remote, sub-tropical coastal location. *Atmospheric Chemistry and Physics*, 9: 7607-7621, 2009. <https://doi.org/10.5194/acp-9-7607-2009>
- Perrott, P., Smith, G., Ristovski, Z.D., Harding, R. and Hargreaves, M. A nested real-time PCR assay has an increased sensitivity suitable for detection of viruses in aerosol studies. *Journal of Applied Microbiology*, 106(5): 1438-1447, 2009. <https://doi.org/10.1111/j.1365-2672.2008.04119.x>
- Duigu, J.R., Ayoko, G.A. and Kokot, S. The relationship between building characteristics and the chemical composition of surface films found on glass windows in Brisbane, Australia. *Building and Environment*, 44: 2228-2235, 2009. <https://doi.org/10.1016/j.buildenv.2009.02.019>
- Guo, H., Ding, A.J., So, K. L., Ayoko, G.A., Li, Y.S., Hung, W.T. Receptor modelling of source apportionment of Hong Kong aerosols and the implication of urban and regional contribution. *Atmospheric Environment*, 43: 1159-1169, 2009. <https://doi.org/10.1016/j.atmosenv.2008.04.046>
- Hudson, N., Ayoko, G.A., Collman, G., Gallagher, E., Dunlop, M. and Duperouzel, D. Long-term assessment of efficacy of permeable pond covers for odour reduction. *Bioresource Technology*, 99(14): 6409-6418, 2009. <https://doi.org/10.1016/j.biortech.2007.11.058>
- Hudson, N. and Ayoko, G.A. Comparison of emission rate values for odour and odorous chemicals derived from two sampling devices. *Atmospheric Environment*, 43(20): 3175-3181, 2009. <https://doi.org/10.1016/j.atmosenv.2009.03.050>
- Keogh, D., Ferreira, L. and Morawska, L. Development of a particle number and particle mass vehicle emissions inventory for an urban fleet. *Environmental Modelling and Software*, 24(11): 1323-1331, 2009. <https://doi.org/10.1016/j.envsoft.2009.05.003>
- Kanaani, H., Hargreaves, M., Ristovski, Z.D. and Morawska, L. Fungal spore fragmentation as a function of airflow rates and fungal generation methods. *Atmospheric Environment*, 43(24): 3725-3735, 2009. <https://doi.org/10.1016/j.atmosenv.2009.04.043>
- Jayaratne, E.R., Ristovski, Z.D., Meyer, N. and Morawska, L. Particle and Gaseous Emissions from Compressed Natural Gas and Ultralow Sulphur Diesel-Fuelled Buses at Four Steady Engine Loads. *Science of the Total Environment*. 407(8): 2845-2852, 2009. <https://doi.org/10.1016/j.scitotenv.2009.01.001>
- Schripp, T., Mulakampilly, S.J., Delius, W., Uhde, E., Wensing, M., Salthammer, T., Kreuzig, R., Bahadir, M., Wang, L. and Morawska, L. Comparison of ultrafine particle release from hardcopy devices in emission test chambers and office rooms. *Gefahrstoffe – Reinhaltung der Luft*, 69: 71-76, 2009.
- Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Corbett, S., Chao, C.Y.H., Li, Y. and Katoshevski, D. Size distribution and sites of origin of droplets expelled during expiratory activities. *Journal of Aerosol Science*, 40: 256-269, 2009. <https://doi.org/10.1016/j.jaerosci.2008.11.002>
- Miljevic, B., Modini, R.L., Bottle, S.E. and Ristovski, Z.D. On the efficiency of impingers with fritted nozzle tip for collection of ultrafine particles. *Atmospheric Environment*, 43(6): 1372-1376, 2009. <https://doi.org/10.1016/j.atmosenv.2008.12.001>
- Duplissy, J., Gysel, M., Sjogren, S., Meyer, N., Good, N., Kammermann, L., Michaud, V., Weigel, R., Martins dos Santos, S., Gruening, C., Villani, P., Laj, P., Sellegri, K., Metzger, A., McFiggans, G. B., Wehrle, G., Richter, R., Dommen, J., Ristovski, Z.D., Baltensperger, U., and Weingartner, E. Intercomparison study of six HTDMAs: results and general recommendations for HTDMA operation. *Atmospheric Measurement Techniques*, 2: 363-378, 2009. <http://www.atmos-meas-tech-discuss.net/1/127/2008/>
- Mazaheri, M., Johnson, G.R. and Morawska, L. Particle and Gaseous Emissions from Commercial Aircraft at Each Stage of the Landing and Takeoff Cycle. *Environmental Science & Technology*, 43(2): 441-446, 2009. <https://doi.org/10.1021/es8013985>
- Pereira, M.L., Graudenz, G., Tribess, A. and Morawska, L. Determination of Particle Concentration in the Breathing Zone for Four Different Types of Office Ventilation Systems. *Building and Environment*, 44: 904-911, 2009. <https://doi.org/10.1016/j.buildenv.2008.06.006>

- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. An Investigation into the Characteristics and Formation Mechanisms of Particles Originating from the Operation of Laser Printers. *Environmental Science & Technology*, 43(4): 1015-1022, 2009. **Dr Congrong He received the 'Carla Patterson ECR Award' for the best paper published by an ECR in 2009.** <https://doi.org/10.1021/es802193n>
- Chao, C., Wan, M.P., Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Corbett, S., Li, Y., Xie, X. and Katoshevski, D. Characterization of expiration air jets and droplet size distributions immediately at the mouth opening. *Journal of Aerosol Science*, 40: 122-133, 2009. **One of JAS most cited journal articles since 2008, with the majority of citations in 2011-2012 – 21 times in 2011 and 17 times in 2012.** <https://doi.org/10.1016/j.jaerosci.2008.10.003>
- Morawska, L., Jamriska, M., Guo, H., Jayaratne, E.R., Cao, M. and Summerville, S. Variation in indoor particle number and PM_{2.5} concentrations in a radio station surrounded by busy roads before and after an upgrade of the HVAC system. *Building and Environment*, 44: 76-84, 2009. <https://doi.org/10.1016/j.buildenv.2008.01.016>
- Hudson, N., Ayoko, G.A., Dunlop, M., Duperouzel, D., Burrell, D., Bell, K., Gallagher, E., Nicholas, P. and Heinrich, N. Comparison of odour emission rates measured from various sources using two sampling devices. *Bioresource Technology*, 100(1): 118-124, 2009. <https://doi.org/10.1016/j.biortech.2008.05.043>
- Meyer, N., Duplissy, J., Gysel, M., Metzger, A., Dommen, J., Weingartner, E., Alfarra, M., Fletcher, C., Good, N., McFiggans, G., Jonsson, A., Hallquist, M., Baltensperger, U. and Ristovski, Z.D. Analysis of the hygroscopic and volatile properties of ammonium sulphate seeded and un-seeded SOA particles. *Atmospheric Chemistry and Physics*, 9: 721-732, 2009. <https://doi.org/10.5194/acp-9-721-2009>
- 2008**
- Doering, C. and Akber, R. Describing the annual cyclic behaviour of ⁷Be concentrations in surface air in Oceania. *Journal of Environmental Radioactivity*, 99: 1703-1707, 2008. <https://doi.org/10.1016/j.jenvrad.2008.02.002>
- Kleinschmidt, R. and Akber, R. Naturally occurring radionuclides in materials derived from urban water treatment plants in southeast Queensland, Australia. *Journal of Environmental Radioactivity*, 99: 607-620, 2008. <https://doi.org/10.1016/j.jenvrad.2007.09.001>
- Doering, C. and Akber, R. Beryllium-7 in near-surface air and deposition at Brisbane, Australia. *Journal of Environmental Radioactivity*, 99: 461-467, 2008. <https://doi.org/10.1016/j.jenvrad.2007.08.017>
- J-Fatokun, F.O., Morawska, L., Jamriska, M. and Jayaratne, E.R. Application of Aerosol Electrometer for Ambient Particle Charge Measurements. *Atmospheric Environment*, 42: 8827-8830, 2008. <https://doi.org/10.1016/j.atmosenv.2008.08.025>
- Guo, H., Ding, A.J., Morawska, L., He, C., Ayoko, G.A., Li, Y.S. and Hung, W.T. Size distribution and new particle formation in subtropical Eastern Australia. *Environmental Chemistry*, 5: 382-390, 2008. <https://doi.org/10.1071/EN08058>
- Gao, N., Niu, J. and Morawska, L. Distribution of Respiratory Droplets in Enclosed Environments under Different Air Distribution Methods. *Building Simulation*, 1: 326-335, 2008. <https://doi.org/10.1007/s12273-008-8328-0>
- Cobon, D.H., Bell, K.L., Park, J.N. and Keogh, D.U. Summative evaluation of climate application activities with pastoralists in western Queensland. *The Rangeland Journal*, 30(3) 361-374, 2008. <https://doi.org/10.1071/RJ06030>
- Johnson, G.R., Fletcher, C., Meyer, N., Modini, R. and Ristovski, Z.D. A robust, portable H-TDMA for field use. *Journal of Aerosol Science*, 39(10): 850-861, 2008. <https://doi.org/10.1016/j.jaerosci.2008.05.005>
- Morawska, L. Identifying and Managing Indoor Air problems. *Scandinavian Journal of Work, Environment and Health*, 34(4): 5-9, 2008.
- Kanaani, H., Hargreaves, M., Ristovski, Z.D. and Morawska, L. Deposition rates of fungal spores in indoor environments, factors effecting them and comparison with non-biological aerosols. *Atmospheric Environment*, 42(30): 7141-7154, 2008. <https://doi.org/10.1016/j.atmosenv.2008.05.059>
- Johnson, G.R., Mazaheri, M. and Morawska, L. A plume capture technique for the remote characterisation of aircraft emissions. *Environmental Science & Technology*, 42(13): 4850-4856, 2008. <https://doi.org/10.1021/es702581m>
- Guo, H., Morawska, L., He, C. and Gilbert, D. Impact of ventilation scenario on air exchange rates and on indoor particle number concentrations in an air-conditioned classroom. *Atmospheric Environment*, 42(4): 757-768, 2008. <https://doi.org/10.1016/j.atmosenv.2007.09.070>
- Hudson, N. and Ayoko, G.A. Odour Sampling 1: Physical Chemistry Considerations. *Bioresource Technology*, 99(10): 3982-3992, 2008. <https://doi.org/10.1016/j.biortech.2007.04.034>
- Hudson, N. and Ayoko, G.A. Odour Sampling 2: Comparison of physical and aerodynamic characteristics of sampling devices - A Review. *Bioresource Technology*, 99(10): 3993-4007, 2008. <https://doi.org/10.1016/j.biortech.2007.03.043>
- Lechowicz, S., Jayaratne, E.R., Morawska, L. and Jamriska, M. Development of a Methodology for the Quantification of Particle Number and Gaseous Concentrations in a Bi-directional Bus Tunnel and the Derivation of Emission Factors. *Atmospheric Environment*, 42(35): 8353-8357, 2008. <https://doi.org/10.1016/j.atmosenv.2008.07.024>
- Morawska, L., Ristovski, Z.D., Jayaratne, E.R., Keogh, D. and Ling, X. Ambient nano and ultrafine particles from motor vehicle emissions: characteristics, ambient processing and implications on human exposure. *Atmospheric Environment*, 42: 8113-8138, 2008. <https://doi.org/10.1016/j.atmosenv.2008.07.050>
- Jayaratne, E.R., He, C., Ristovski, Z.D., Morawska, L. and Johnson, G.R. A Comparative Investigation of Ultrafine Particle Number and Mass Emissions from a Fleet of On-road Diesel and CNG Buses. *Environmental Science & Technology*, 42: 6736-6742, 2008. <https://doi.org/10.1021/es800394x>
- Schripp, T., Wensing, M., Uhde, E., Salthammer, T., He, C. and Morawska, L. Evaluation of Ultrafine Particle Emissions From Laser Printers Using Emission Test Chambers. *Environmental Science & Technology*, 42(12): 4338-4343, 2008. <https://doi.org/10.1021/es702426m>
- Mejia, J., Morawska, L. and Mengersen, K. Spatial variation in particle number size distributions in a large metropolitan area. *Atmospheric Chemistry and Physics*, 8(5): 1127-1138, 2008. <https://doi.org/10.5194/acp-8-1127-2008>
- Ren, C., Tong, S., Williams, G. and Mengersen, K. Does temperature modify short-term effects of ozone on total mortality in 60 large Eastern US communities? An assessment using the NMMAPS data. *Environment International*, 34(4): 451-458, 2008. <https://doi.org/10.1016/j.envint.2007.10.001>

- Ren, C., Tong, S., Williams, G., Mengersen, K. and Morawska, L. Ozone Modifies Associations between Temperature and Cardiovascular Mortality: Analysis of the NMMAPS data. *Occupational and Environmental Medicine*, 65(4): 255-260, 2008. <https://doi.org/10.1136/oem.2007.033878>
- Jayarathne, E.R., Fatokun, F. and Morawska, L. Air Ion Concentrations under Overhead High-Voltage Transmission Lines. *Atmospheric Environment*, 42(8): 1846-1856, 2008. <https://doi.org/10.1016/j.atmosenv.2007.11.017>
- J-Fatokun, F., Jayaratne, E.R., Morawska, L., Rachman, R., Birtwhistle, D. and Mengersen, K. Characterisation of the atmospheric electrical environment near a corona ion emitting source. *Atmospheric Environment*, 42(7): 1607-1616, 2008. <https://doi.org/10.1016/j.atmosenv.2007.10.090>
- Morawska, L., Keogh, D., Thomas, S. and Mengersen, K. Modality in ambient particle size distributions and its potential as a basis for developing air quality regulation. *Atmospheric Environment*, 42(7): 1617-1628, 2008. **Selected for inclusion in the 'Science for Environment Policy' news alert, the European Commission's environmental news service for policy makers, distributed to over 6000 subscribers** (http://ec.europa.eu/environment/integration/research/research_alert_en.htm). <https://doi.org/10.1016/j.atmosenv.2007.09.076>
- Kanaani, H., Hargreaves, M., Smith, J., Ristovski, Z.D., Agranovski, V. and Morawska, L. Performance of UVAPS with respect to detection of airborne fungi. *Journal of Aerosol Science*, 39(2): 175-189, 2008. <https://doi.org/10.1016/j.jaerosci.2007.10.007>
- ## 2007
- Morawska, L., Vishvakarman, D. and Swanson, C. Diurnal variation of PM₁₀ concentrations and its spatial distribution in the South East Queensland airshed. *Clean Air and Environmental Quality*, 41(4): 19-25, 2007.
- Jamriska, M., Morawska, L. and Mengersen, K. The Effect of Temperature and Relative Humidity on size Generated Traffic Exhaust Particle Emissions. *Atmospheric Environment*, 42(10): 2369-2382, 2007.
- Meyer, N. and Ristovski, Z.D. Ternary Nucleation as a mechanism for the production of Diesel Nanoparticles: An experimental analysis of the Volatile and Hygroscopic Properties of Diesel Exhaust using the VH-TDMA. *Environmental Science & Technology*, 41: 7309-7314, 2007. <https://doi.org/10.1021/es062574v>
- Wardoyo, A., Morawska, L., Ristovski, Z.D., Jamriska, M., Carr, S. and Johnson, G.R. Size distribution of particles emitted from grass fires in the Northern Territory, Australia. *Atmospheric Environment*, 41: 8609-8619, 2007. <https://doi.org/10.1016/j.atmosenv.2007.07.020>
- Morawska, L. Air quality and its impact on health: Focus on particulate matter. *Environmental Health*, 7(3): 49-54, 2007.
- He, C., Morawska, L. and Taplin, L. Particle Emission Characteristics of Office Printers. *Environmental Science & Technology*, 41: 6039-6045, 2007. **Most cited article for July-October 2007; most cited article for 2007; most accessed article for 2007; most accessed article for first quarter of 2008.** <https://doi.org/10.1021/es063049z>
- Jayarathne, E.R., Morawska, L., Ristovski, Z.D. and He, C. The Rapid Identification of High Particle Number Emitting On-Road Vehicles and its Application to a Large Fleet of Diesel Buses. *Environmental Science & Technology*, 41(14): 5022-5027, 2007. <https://doi.org/10.1021/es063020v>
- Cainey, J., Keywood, M., Grose, M., Krummel, P., Galbally, I., Johnston, P., Gillett, R., Meyer, N., Fraser, P., Steele, P., Harvey, M., Kreher, K., Stein, T., Ibrahim, O., Ristovski, Z.D., Johnson, G.R., Fletcher, C., Bigg, K. and Gras, J. Precursors to Particles (P2P) at Cape Grim 2006: Campaign Overview. *Environmental Chemistry*, 4(3): 143-150, 2007. <https://doi.org/10.1071/EN07041>
- Fletcher, C., Johnson, G.R., Ristovski, Z.D. and Harvey, M. Hygroscopic and volatile properties of marine aerosol observed at Cape Grim during the P2P campaign. *Environmental Chemistry*, 4(3): 162-171, 2007. <https://doi.org/10.1071/EN07011>
- Knibbs, L.D., de Dear, R., Morawska, L. and Coote, P. Technical Note: A simple and inexpensive dilution system for the TSI 3007 condensation particle counter. *Atmospheric Environment*, 41(21): 4553-4557, 2007. <https://doi.org/10.1016/j.atmosenv.2007.03.019>
- Lim, M., Ayoko, G.A., Morawska, L., Ristovski, Z.D. and Jayaratne, E.R. The effects of fuel characteristics and engine operating conditions on the elemental composition of emissions from heavy duty diesel buses. *Fuel*, 86(12-13): 1831-1839, 2007. <https://doi.org/10.1016/j.fuel.2006.11.025>
- Ayoko, G.A., Singh, K., Balarea, S. and Kokot, S. Exploratory multivariate modeling and prediction of the physico-chemical properties of surface water and groundwater. *Journal of Hydrology*, 336(1-2): 115-124, 2007. <https://doi.org/10.1016/j.jhydrol.2006.12.013>
- Holmes, N. A review of particle formation events and growth in the atmosphere in the various environments and discussion of mechanistic implications. *Atmospheric Environment*, 41: 2183-2201, 2007. <https://doi.org/10.1016/j.atmosenv.2006.10.058>
- Morawska, L., Ristovski, Z.D., Johnson, G.R., Jayaratne, E.R. and Mengersen, K. A Novel Method for On Road Emission Factor Measurements Using a Plume Capture Trailer. *Environmental Science & Technology*, 41(2): 574-579, 2007. <https://doi.org/10.1021/es060179z>
- Kanaani, H., Hargreaves, M., Ristovski, Z.D., Morawska, L. Performance assessment of UVAPS: Influence of fungal spore age and air exposure. *Journal of Aerosol Science*, 38: 83-96, 2007. **One of the "Top-50 Most Cited Articles" in Journal for 2007-2010.** <https://doi.org/10.1016/j.jaerosci.2006.10.003>
- Mejia, J., Wraith, D., Mengersen, K. and Morawska, L. Trends in size classified particle number concentration in subtropical Brisbane, Australia, based on a five year study. *Atmospheric Environment*, 41(5): 1064-1079, 2007. <https://doi.org/10.1016/j.atmosenv.2006.09.020>
- George, D., Birch, C., Clewett, J., Wright, A., Allen, W. and Keogh, D. Needs for Applied Climate Education in Agriculture. *Australian Journal of Experimental Agriculture*, 47(1): 1-12, 2007. <https://doi.org/10.1071/EA05244>
- Lim, M., Ayoko, G.A., Morawska, L., Ristovski, Z.D. and Jayaratne, E.R. Influence of fuel composition on polycyclic aromatic hydrocarbon emissions from a fleet of in-service passenger cars. *Atmospheric Environment*, 41: 150-160, 2007. <https://doi.org/10.1016/j.atmosenv.2006.07.044>
- ## 2006
- Doering, C., Akber, R., Heijnis, H. Vertical distributions of 210Pb excess, 7Be and 137Cs in selected grass covered soils in Southeast Queensland, Australia. *Journal of Environmental Radioactivity*, 87(2), 135-147, 2006. <https://doi.org/10.1016/j.jenvrad.2005.11.005>
- Wardoyo, A., Morawska, L., Ristovski, Z.D. and Marsh, J. Quantification of particle number and mass emission factors from combustion of Queensland Trees. *Environmental Science & Technology*, 40(18): 5696-5703, 2006. <https://doi.org/10.1021/es0609497>

- Jayarathne, E.R. and Kuleshov, Y. The relationship between lightening activity and surface wet bulb temperature and its variation in latitude in Australia. *Meteorology and Atmospheric Physics*, 91: 17-24, 2006. <https://doi.org/10.1007/s00703-004-0100-0>
- Jayarathne, E.R. and Kuleshov, Y. Geographical and seasonal characteristics of the relationship between lightening ground flash density and rainfall within the continent of Australia. *Atmospheric Research*, 79: 1-14, 2006. <https://doi.org/10.1016/j.atmosres.2005.03.004>
- Ristovski, Z.D., Fletcher, C., D'anna, B., Johnson, G.R. and Bostrom, T. Characterization of iodine particles with Volatilization-Humidification Tandem Differential Mobility Analyser (VH-TDMA), Raman and SEM techniques. *Atmospheric Chemistry Physics Discussion*, 1481-1508, 2006. SRef-ID: 1680-7375/acpd/2006-6-1481.
- Ristovski, Z.D., Jayaratne, E.R., Lim, M., Ayoko, G.A. and Morawska, L. Influence of Diesel Fuel Sulfur on Nanoparticle Emissions from City Buses. *Environmental Science & Technology*, 40: 1314-1320, 2006. <https://doi.org/10.1021/es050094j>
- Morawska, L. Droplet Fate in Indoor Environments, Or Can We Prevent the Spread of Infection. *Indoor Air*, 16(5): 335-347, 2006. <https://doi.org/10.1111/j.1600-0668.2006.00432.x>
- Holmes, N. and Morawska, L. A Review of Dispersion Modelling and its application to the dispersion of particles: An overview of different dispersion models available. *Atmospheric Environment*, 40(30): 5902-5928, 2006. **One of the "Top 50 Most Cited Articles" published in the Journal from January 2006 - February 2011.** <https://doi.org/10.1016/j.atmosenv.2006.06.003>
- Morawska, L., Johnson, G.R., He, C., Ayoko, G.A., Lim, M., Swanson, C., Ristovski, Z.D. and Moore, M. Particle Number Emissions and Source Signatures of an Industrial Facility. *Environmental Science & Technology*, 40(3): 803-814, 2006. <https://doi.org/10.1021/es048337e>
- McKenzie, C.H., Lim, M., Ayoko, G.A., Morawska, L., Ristovski, Z.D., Jayaratne, E.R. and Kokot, S. A comparative study of the elemental composition of the exhaust emissions of cars powered by Liquefied Petroleum Gas and Unleaded Petrol. *Atmospheric Environment*, 40(17): 3111-3122, 2006. <https://doi.org/10.1016/j.atmosenv.2006.01.007>

2005

- Morawska, L., Hofmann, W., Hitchins-Loveday, J., Swanson, C. and Mengersen, K. Experimental Study of the Deposition of Combustion Aerosols in the Human Respiratory Tract. *Journal of Aerosol Science*, 36(8): 939-957, 2005. <https://doi.org/10.1016/j.jaerosci.2005.03.015>
- Agranovski, V., Agranovski, I., Safatov, A., Borodulin, A., Pyankov, O., Petrischenko, V., Sergeev, A., Sergeev, A. and Grinshpun, S. New Personal Sampler for Viable Airborne Viruses: Feasibility Study. *Journal of Aerosol Science*, 36(5-6): 609-617, 2005. <https://doi.org/10.1016/j.jaerosci.2004.11.014>
- Morawska, L., Jamriska, M., Thomas, S., Ferreira, L., Mengersen, K., Wraith, D. and McGregor, F. Quantification of particle number emission factors for motor vehicles from on road measurements. *Environmental Science & Technology*, 39(23): 9130-9139, 2005. <https://doi.org/10.1021/es050069c>
- He, C., Morawska, L. and Gilbert, D. Particle deposition rates in residential houses. *Atmospheric Environment*, 39(21): 3891-3899, 2005. <https://doi.org/10.1016/j.atmosenv.2005.03.016>
- Agranovski, V., and Ristovski, Z.D. Real-time monitoring of viable bioaerosols: Capability of the UVAPS to predict the amount of individual microorganisms in aerosol particles. *Journal of Aerosol Science*, 36(5-6): 665-676, 2005. <https://doi.org/10.1016/j.jaerosci.2004.12.005>
- Ristovski, Z.D., Jayaratne, E.R., Morawska, L., Ayoko, G.A. and Lim, M. Particle and carbon dioxide emissions from passenger vehicles operating on unleaded petrol and LPG fuel. *Science of the Total Environment*, 345(1-3): 93-98, 2005. <https://doi.org/10.1016/j.scitotenv.2004.10.021>
- Johnson, G.R., Ristovski, Z.D., D'Anna, B. and Morawska L. Hygroscopic behaviour of partially volatilized coastal marine aerosols using the volatilisation and humidification tandem differential mobility analyser technique. *Journal of Geophysical Research – Atmospheres*, 110 (D20): 20203-20203, 2005. <https://doi.org/10.1029/2004JD005657>
- Jayarathne, E.R., Morawska, L., Ristovski, Z.D. and Johnson, G.R. The use of carbon dioxide as a tracer in the determination of particle number emissions from heavy-duty diesel vehicles. *Atmospheric Environment*, 39(36): 6812-6821, 2005. <https://doi.org/10.1016/j.atmosenv.2005.07.060>
- McKenzie, C.H., Lim, M., Ayoko, G.A., Morawska, L., Ristovski, Z.D. and Jayaratne, E.R. Effect of fuel composition and engine operating conditions on polycyclic aromatic hydrocarbon emissions from a fleet of heavy-duty diesel buses. *Atmospheric Environment*, 39(40): 7836-7848, 2005. <https://doi.org/10.1016/j.atmosenv.2005.09.019>
- Keogh, D., Watson, I., Bell, K., Cobon, D., and Dutta, S. Climate information needs of Gascoyne-Murchison pastoralists: a representative study of the Western Australian grazing industry. *Australian Journal of Experimental Agriculture*, 45: 1613-1625, 2005. <https://doi.org/10.1071/EA04275>
- Herngren L., Goonetilleke A. and Ayoko, G.A. Understanding heavy metal and suspended solids relationships in urban stormwater using simulated rainfall. *Journal of Environmental Management*, 76(2): 149-158, 2005. <https://doi.org/10.1016/j.jenvman.2005.01.013>
- Kelly, C., Ayoko, G.A., Brown, R., and Swaroop C. Under water emissions from a two-stroke outboard engine: a comparison between an EAL and an equivalent mineral lubricant. *Material and Design*, 26(7): 609-617, 2005. <https://doi.org/10.1016/j.matdes.2004.08.013>
- Ayoko, G.A., Lim, M., Olofinjana, A. and Gilbert, D. Comparative assessment of Australian fly ash and conventional concrete bricks. *Journal of Chemical and Biotechnology*, 80(3): 259-267, 2005. <https://doi.org/10.1002/jctb.1182>
- Lim, M., Ayoko, G.A. and Morawska, L. Characterization of elemental and polycyclic aromatic hydrocarbon compositions of urban air in Brisbane. *Atmospheric Environment*, 39(3): 463-476, 2005. <https://doi.org/10.1016/j.atmosenv.2004.09.050>
- Holmes, N. S., Morawska, L., Mengersen, K., and Jayaratne, E.R. Spatial distribution of submicrometre particles and CO in an urban microscale environment. *Atmospheric Environment*, 39(22): 3977-3988, 2005. <https://doi.org/10.1016/j.atmosenv.2005.03.049>

2004

- Agranovski, V., Ristovski, Z.D., Blackall, P. and Morawska, L. Field evaluations of the UVAPS performance. *Journal of Aerosol Science*, 35(1): 599-612, 2004. <https://doi.org/10.1016/j.jaerosci.2004.06.046>
- Jamriska, M., Morawska, L., Thomas, S. and He, C. Diesel bus emissions measured in a tunnel study. *Environmental Science & Technology*, 38(24): 6701-6709, 2004. <https://doi.org/10.1021/es030662z>

- Morawska, L., Hofmann, W., Thomas, S., Ristovski, Z.D., Jamriska, M., Rettenmoser, T. and Kagerer, S. Exploratory cross sectional investigations on ambient submicrometer particles in the alpine region of Salzburg, Austria. *Atmospheric Environment*, 38(21): 3529-3533, 2004. <https://doi.org/10.1016/j.atmosenv.2004.03.024>
- Agranovski, V., Ristovski, Z.D., Blackall, P. and Morawska, L. Size-selective assessment of airborne particles in swine confinement building with UVAPS. *Atmospheric Environment*, 38(23): 3893-3901, 2004. <https://doi.org/10.1016/j.atmosenv.2004.02.058>
- He, C., Morawska, L., Hitchins, J. and Gilbert, D. Contribution from indoor sources to particle number and mass concentrations in residential houses. *Atmospheric Environment*, 38(21): 3405-3415, 2004. <https://doi.org/10.1016/j.atmosenv.2004.03.027>
- Johnson, G.R., Ristovski, Z.D. and Morawska, L. Method for measuring the hygroscopic behaviour of lower volatility fractions in an internally mixed aerosol. *Journal of Aerosol Science*, 35(4): 443-455, 2004. <https://doi.org/10.1016/j.jaerosci.2003.10.008>
- Agranovski, I., Safatov, A., Borodulin, A., Pyankov, O., Petrishchenko, V., Sergeev, A., Agafonov, A., Ignatiev, G., Sergeev, A. and Agranovski, V. Inactivation of viruses in bubbling processes utilized for personal bioaerosol monitoring. *Applied and Environmental Microbiology*, 70(12): 6963-6967, 2004. <https://doi.org/10.1128/AEM.70.12.6963-6967.2004>
- Agranovski, I., Safatov, A., Pyankov, O., Sergeev, A., Agafonov, A., Ignatiev, G., Ryabchikova, E., Borodulin, A., Sergeev, A., Doerr, H., Holger, H., Rabenau, F. and Agranovski, V. Monitoring of viable airborne SARS virus in ambient air. *Atmospheric Environment*, 38(23): 3879-3884, 2004. <https://doi.org/10.1016/j.atmosenv.2004.03.044>
- Ayoko, G.A., Morawska, L., Kokot, S. and Gilbert, D. An application of multicriteria decision making methods to air quality in the micro-environments of residential houses in Brisbane, Australia. *Environmental Science & Technology*, 38: 2609-2616, 2004. <https://doi.org/10.1021/es0304695>
- Ristovski, Z.D., Morawska, L., Ayoko, G.A., Johnson, G.R., Gilbert, D. and Greenaway, C. Emissions from a vehicle fitted to operate on either petrol or compressed natural gas. *Science of the Total Environment*, 323(1-3), 179-194, 2004. <https://doi.org/10.1016/j.scitotenv.2003.10.023>
- Agranovski, V., Ristovski, Z.D., Ayoko, G.A. and Morawska, L. Performance evaluation of the UVAPS in measuring biological aerosols: fluorescence spectra from NAD(P)H coenzymes and riboflavin. *Aerosol Science & Technology*, 38(4): 354-364, 2004. <https://doi.org/10.1080/02786820490437505>
- Gramotnev, G., Ristovski, Z.D., Brown, R. J. and Madl, P. New methods of determination of average particle emission factors for two groups of vehicles on a busy road. *Atmospheric Environment*, 38(16), 2607-2610, 2004. <https://doi.org/10.1016/j.atmosenv.2004.02.015>
- Gramotnev, G. and Ristovski, Z.D. Experimental investigation of ultra-fine particle size distribution near a busy road. *Atmospheric Environment*, 38(12): 1767-1776, 2004. <https://doi.org/10.1016/j.atmosenv.2003.12.028>
- Kuleshov, Y and Jayaratne, E.R. Estimates of Lightning Ground Flash Density in Australia and its Relationship to Thunder Days. *Aust Meteorology Magazine*, 53: 189-196, 2004. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.222.6988&rep=rep1&type=pdf>

2003

- Hadi, S., Appleton, T. G. & Ayoko, G.A. Reactions of fac-[PtMe₂(Ome)(H₂O)₃]⁺ with halides ions; Effect of halide trans effect on methoxide hydrolysis. *Inorganic Chimica Acta*, 352: 201-207, 2003. [https://doi.org/10.1016/S0020-1693\(03\)00137-3](https://doi.org/10.1016/S0020-1693(03)00137-3)
- Ayoko, G.A., Bonire, J.J., Abdulkadir, A.S., Olurinola, P.F., Ehinmidu, J.O., Kokot, S. and Yiasel, S. A multicriteria ranking of organotin (IV) compounds with fungicidal properties. *Applied Organometallic Chemistry*, 17: 749-758, 2003. <https://doi.org/10.1002/aoc.520>
- Morawska, L., He, C., Hitchins, J., Gilbert, D., Parappukkaran, S. and Mengersen, K. Characteristics of particle number and mass concentrations in residential houses in Brisbane, Australia. *Atmospheric Environment*, 37(30): 4195-4203, 2003. [https://doi.org/10.1016/S1352-2310\(03\)00566-1](https://doi.org/10.1016/S1352-2310(03)00566-1)
- Agranovski, V., Ristovski, Z.D., Hargreaves, M., Blackall, P.J. and Morawska, L., Performance evaluation of the UVAPS: Sensitivity to physiological age of airborne bacteria and effect of bacterial stress. *Journal of Aerosol Science*, 34(12): 1711-1727, 2003. [https://doi.org/10.1016/S0021-8502\(03\)00191-5](https://doi.org/10.1016/S0021-8502(03)00191-5)
- Hasselaar, E. and Morawska, L. Sustainable Building and Indoor Air Quality. *Open House International*, 28(1):74-82, 2003.
- McGregor, F., Ferreira, L. and Morawska, L. Modelling of sub-micrometer particle concentrations in free-flowing freeway traffic, Brisbane Australia: some empirical results. *Transportation Research Part D*, 8(3): 229-241, 2003. [https://doi.org/10.1016/S1361-9209\(03\)00005-1](https://doi.org/10.1016/S1361-9209(03)00005-1)
- Hargreaves, M., Parappukkaran, S., Morawska, L., Hitchins, J., He, C. and Gilbert, D. A pilot investigation into associations between Indoor Airborne fungal and non-biological particle concentrations in residential houses in Brisbane, Australia. *Science of the Total Environment*, 312(1-3): 89-101, 2003. [https://doi.org/10.1016/S0048-9697\(03\)00169-4](https://doi.org/10.1016/S0048-9697(03)00169-4)
- Jamriska, M. and Morawska, L. Quantitative assessment of the effect of surface deposition and coagulation on the dynamics of submicrometer particles indoors. *Aerosol Science & Technology*, 37(5): 425-436, 2003. <https://doi.org/10.1080/02786820300975>
- Jamriska, M., Morawska, L. and Ensor, D.S. Control strategies for submicrometer particles indoors: Model study of air filtration and ventilation. *Indoor Air*, 13(2): 96-105, 2003. <https://doi.org/10.1034/j.1600-0668.2003.00184.x>
- Gramotnev, G., Brown, R., Ristovski, Z.D., Hitchins, J. and Morawska, L. Determination of average emission factors for vehicles on a busy road. *Atmospheric Environment*, 37(4): 465-474, 2003. [https://doi.org/10.1016/S1352-2310\(02\)00923-8](https://doi.org/10.1016/S1352-2310(02)00923-8)
- Agranovski, V., Ristovski Z.D., Hargreaves, M., Blackall P.J., and Morawska, L. Real-time measurement of bacterial aerosols with the UVAPS: performance evaluation. *Journal of Aerosol Science*, (34): 301-317, 2003. [https://doi.org/10.1016/S0021-8502\(02\)00181-7](https://doi.org/10.1016/S0021-8502(02)00181-7)

2002

- Agranovski I., Agranovski, V., Grinshpun, S.A., Reponen, T., and Willeke, K. Collection of airborne microorganisms into liquid by bubbling through porous medium. *Aerosol Science & Technology*, 36: 502-509, 2002. <https://doi.org/10.1080/027868202753571322>
- Agranovski I., Agranovski, V., Reponen T., Willeke K. and Grinshpun S. A. Development and evaluation of a new personal sampler for culturable airborne microorganisms. *Atmospheric Environment*, 36: 889-898, 2002. [https://doi.org/10.1016/S1352-2310\(01\)00488-5](https://doi.org/10.1016/S1352-2310(01)00488-5)
- Thomas, S. and Morawska, L. Size selected particles in an urban atmosphere in Brisbane, Australia. *Atmospheric Environment*, 36(26): 4277-4288, 2002. [https://doi.org/10.1016/S1352-2310\(02\)00345-X](https://doi.org/10.1016/S1352-2310(02)00345-X)
- Mitra, A.P., Morawska, L., Sharma, C. and Zhang, J. Methodologies for characterization of combustion sources and for quantification of their emissions. *Chemosphere*. 49(9): 903-922, 2002. [https://doi.org/10.1016/S0045-6535\(02\)00236-9](https://doi.org/10.1016/S0045-6535(02)00236-9)

- Zhang, J. and Morawska, L. Combustion sources of particles: Emission factors and measurement methods. *Chemosphere*, 49(9): 1059-1074, 2002. [https://doi.org/10.1016/S0045-6535\(02\)00240-0](https://doi.org/10.1016/S0045-6535(02)00240-0)
- Morawska, L. and Zhang, J. Combustion sources of particles: Health relevance and source signatures. *Chemosphere*. 49(9): 1045-1058, 2002. [https://doi.org/10.1016/S0045-6535\(02\)00241-2](https://doi.org/10.1016/S0045-6535(02)00241-2)
- Morawska, L., Vishvakarman, D., Mengersen, K. and Thomas, S. Spatial variation of airborne pollutant concentrations in Brisbane, Australia and its potential impact on population exposure assessment. *Atmospheric Environment*, 36: 3545-3555, 2002. [https://doi.org/10.1016/S1352-2310\(02\)00293-5](https://doi.org/10.1016/S1352-2310(02)00293-5)
- Morawska, L., Jayaratne, E.R. and Mengersen, K. Differences in airborne particle and gaseous concentrations in urban air between weekdays and weekends. *Atmospheric Environment*, 36(27): 4375-4383, 2002. [https://doi.org/10.1016/S1352-2310\(02\)00337-0](https://doi.org/10.1016/S1352-2310(02)00337-0)
- Morawska, L., Agranovski, V., Ristovski, Z.D. and Jamriska, M. Effect of face velocity and the nature of aerosol on the collection of submicrometer particles by electrostatic precipitator. *Indoor Air*, 12(2): 129-137, 2002. <https://doi.org/10.1034/j.1600-0668.2002.09136.x>
- Hitchins, J., Morawska, L., Gilbert, D. and Jamriska, M. Dispersion of particles from vehicle emissions around high- and low-rise buildings. *Indoor Air*, 12(1): 64-71, 2002.
- Morawska, L. New directions: Particle air pollution down under. *Developments in Environmental Science*, 1: 565-568, 2002. [https://doi.org/10.1016/S1474-8177\(02\)80022-5](https://doi.org/10.1016/S1474-8177(02)80022-5)

2001

- Hofmann, W., Morawska, L. and Bergmann, R. Environmental tobacco smoke deposition in the human respiratory tract: Differences between experimental and theoretical approaches. *Journal of Aerosol Medicine*, 14(3): 317-326, 2001. <https://doi.org/10.1089/089426801316970277>
- Morawska, L., He, C., Hitchins, J., Gilbert, D. and Parappukkaran, S. The relationship between indoor and outdoor airborne particles in the residential environment. *Atmospheric Environment*, 35(20): 3463-3473, 2001. [https://doi.org/10.1016/S1352-2310\(01\)00097-8](https://doi.org/10.1016/S1352-2310(01)00097-8)
- Jamriska, M. and Morawska, L. A model for determination of motor vehicle emission factors from on-road measurements with a focus on submicrometer particles. *Science of the Total Environment*, 264(3): 241-255, 2001. [https://doi.org/10.1016/S0048-9697\(00\)00720-8](https://doi.org/10.1016/S0048-9697(00)00720-8)
- Ayoko, G.A., Colwell, J. and Morawska, L. A chemical analysis of organic aerosols near a busy road junction in Brisbane, Australia. *Journal of Aerosol Science*, 32(1): S1105-S1106, 2001. [https://doi.org/10.1016/S0021-8502\(21\)00490-0](https://doi.org/10.1016/S0021-8502(21)00490-0)
- Morawska, L. New directions: Particle air pollution down under. *Atmospheric Environment*, 1: 1711-1712, 2001.

2000

- Agranovski, V., Ristovski, Z.D., Blackall, P. and Morawska, L. Real-time detection of bioaerosols at a piggery. *Journal of Aerosol Science*, (Supp1): s739-s740, 2000. [https://doi.org/10.1016/S0021-8502\(00\)90749-3](https://doi.org/10.1016/S0021-8502(00)90749-3)
- Ristovski, Z.D., Morawska, L., Ayoko, G.A., Johnson, G.R., Gilbert, D. and Greenway, C. Particulate emissions from a petrol to CNG converted spark ignition vehicle. *Journal of Aerosol Science*, (Supp1): s624-s625, 2000. [https://doi.org/10.1016/S0021-8502\(00\)90633-5](https://doi.org/10.1016/S0021-8502(00)90633-5)
- Ristovski, Z.D., Itass, I., Morawska, L., and Saxby, W. Investigation into the emission of fine particles, formaldehyde, oxides or nitrogen and carbon monoxide from natural gas heaters. *Journal of Aerosol Science*, (Supp1): s490-s491, 2000.
- Morawska, L. and Schwela, D. Teaching in Indoor Air sciences: Can a global approach work? *EM A&WMA's Magazine for Environmental Managers*, May 2000.
- Morawska, L. and Schwela, D. Program and knowledge transfer in teaching in Indoor Air sciences. *EM A&WMA's Magazine for Environmental Managers*, January 2000.
- Lee, K., Yang, W. and Bofinger, N.D. Impact of microenvironmental nitrogen dioxide concentration on personal exposures in Australia. *Journal of the Air and Waste Management Association*, 50: 1739-1744, 2000. <https://doi.org/10.1080/10473289.2000.10464212>
- Schwela, D.H. and Morawska, L. Approaches to teaching in environmental noise science. *Noise/News International*, 8(2): 59-63, 2000. <https://doi.org/10.3397/1.3703045>
- Wiegand, A. and Bofinger, N. Review of empirical methods for the calculation of the diurnal NO₂ photolysis rate coefficient. *Atmospheric Environment*, 34: 99-108, 2000. [https://doi.org/10.1016/S1352-2310\(99\)00294-0](https://doi.org/10.1016/S1352-2310(99)00294-0)
- Hitchins, J., Morawska, L., Wolff, R. and Gilbert, D. Concentration of submicrometer particles from vehicle emissions near a major road. *Atmospheric Environment*, 34: 51-59, 2000. [https://doi.org/10.1016/S1352-2310\(99\)00304-0](https://doi.org/10.1016/S1352-2310(99)00304-0)
- Ristovski, Z.D., Morawska, L., Thomas, S., Hitchins, J., Greenaway, C. and Gilbert, D. Particle emissions from natural gas engines. *Journal of Aerosol Science*, 31: 403-413, 2000. [https://doi.org/10.1016/S0021-8502\(99\)00530-3](https://doi.org/10.1016/S0021-8502(99)00530-3)
- Jamriska, M., Morawska, L. and Clark, B.A. The effect of ventilation and filtration on submicrometer particle concentration and size distribution in an indoor environment. *Indoor Air*, 10: 19-26, 2000. <https://doi.org/10.1034/j.1600-0668.2000.010001019.x>

1999

- Wiegand, A. and Bofinger, N., Interpretation of conventional photochemical air quality data using the integrated empirical rate model. *Clean Air*, 33(4): 45-49, 1999. <https://search.informit.org/doi/abs/10.3316/INFORMIT.699594520474398>
- Ristovski, Z.D., Agranovski, V., Bostrom, T., Thomas, S., Hitchins, J. and Morawska, L. Elemental composition of combustion emissions from spark ignition vehicles. *Journal of Aerosol Science*, 30(Supp1): s845-s846, 1999. [https://doi.org/10.1016/S0021-8502\(99\)80433-9](https://doi.org/10.1016/S0021-8502(99)80433-9)
- Ristovski, Z.D., Morawska, L., Thomas, S., Hitchins, J., Greenaway, C. and Gilbert, D. Submicron particle emissions from compressed natural gas engines. *Journal of Aerosol Science*, 30(Supp1): s529-s530, 1999. [https://doi.org/10.1016/S0021-8502\(99\)80276-6](https://doi.org/10.1016/S0021-8502(99)80276-6)
- Thomas, S., Morawska, L., Ristovski, Z.D., Jamriska, M., Hoffmann, W. and Rettemoser, T. An aerosol comparison of various sites on different sides of the world. *Journal of Aerosol Science*, 30(Supp1): s221-s222, 1999.
- Hofmann, W., Morawska, L. and Bergman, R. Deposition of environmental tobacco smoke in the human respiratory tract. *Journal of Aerosol Science*, 30(Supp1), s799-s800, 1999. [https://doi.org/10.1016/S0021-8502\(99\)80410-8](https://doi.org/10.1016/S0021-8502(99)80410-8)
- Morawska, L. International perspective on ambient particle measurements. *Clean Air*, 33(3): 36-40, 1999. <https://search.informit.org/doi/epdf/10.3316/informit.698439276256389>

- Morawska, L., Thomas, S. and Jamriska, M. The modality of particle size distributions of environmental aerosols. *Atmospheric Environment*, 33: 4401-4411, 1999. [https://doi.org/10.1016/S1352-2310\(99\)00217-4](https://doi.org/10.1016/S1352-2310(99)00217-4)
- Morawska, L., Baron, W. and Hitchins, J. Experimental deposition of environmental tobacco smoke submicron particulate matter in the human respiratory tract. *American Industrial Hygiene Association Journal*, 60: 334-339, 1999. <https://doi.org/10.1080/00028899908984450>
- Morawska, L. The multidisciplinary professional society in the modern setting: Roles, challenges and directions. *Clean Air*, 32: 26-28, 1999. <https://search.informit.org/doi/pdf/10.3316/informit.695402101941303>
- Jamriska, M., Thomas, S., Morawska, L. and Clark, B. Relation between indoor and outdoor exposure to fine particles near a busy arterial road. *Indoor Air*, 9: 75-84, 1999. <https://doi.org/10.1111/j.1600-0668.1999.t01-2-00002.x>
- Morawska, L., Johnson, G.R., Ristovski, Z.D. and Agranovski, V. Relation between particle mass and number for submicrometer airborne particles. *Atmospheric Environment*, 33: 1983-1990, 1999. [https://doi.org/10.1016/S1352-2310\(98\)00433-6](https://doi.org/10.1016/S1352-2310(98)00433-6)
- Morawska, L., Thomas, S., Gilbert, D., Greenaway, C. and Rijnders, E. A study of the horizontal and vertical profile of submicron particles in relation to a busy road. *Atmospheric Environment*, 33: 1261-1274, 1999. [https://doi.org/10.1016/S1352-2310\(98\)00266-0](https://doi.org/10.1016/S1352-2310(98)00266-0)

1998

- Ristovski, Z.D., Morawska, L. and Bofinger, N.D. Submicrometer and supermicrometer particles from spark ignition vehicle emissions. *Environmental Science & Technology*, 32(24): 3845-3852, 1998. <https://doi.org/10.1021/es980102d>
- Morawska, L., Jamriska, M. and Francis, P. Particulate matter in the hospital environment. *Indoor Air*, 8(4): 285-294, 1998. <https://doi.org/10.1111/j.1600-0668.1998.00009.x>
- Morawska, L. and Schwela, D. Airborne particles and health implications: Directions for the future. *Journal of Aerosol Science*, 29(Supp1): S167, 1998. [http://dx.doi.org/10.1016%2FS0021-8502\(98\)00245-6](http://dx.doi.org/10.1016%2FS0021-8502(98)00245-6)
- Jamriska, M., Morawska, L. and Ristovski, Z.D. Performance assessment of electrostatic filters with a focus on submicrometer particles. *Journal of Aerosol Science*, 29(Supp1): S1129-S1130, 1998.
- Ristovski, Z.D., Morawska, L. and Johnson, G.R. A real time particulate matter mass distribution monitor. *Journal of Aerosol Science*, 29(Supp1): S401-S402, 1998.
- Morawska, L., Barron, W., Hitchins, J. and Ristovski, Z.D. The hygroscopic growth of polydisperse salt, organic and environmental tobacco smoke aerosols for different residence times. *Journal of Aerosol Science*, 29(Supp1): S279-S280, 1998. [http://dx.doi.org/10.1016%2FS0021-8502\(98\)00418-2](http://dx.doi.org/10.1016%2FS0021-8502(98)00418-2)
- Ristovski, Z.D., Morawska, L., Hitchins, J. and Barron, W. Influence of the sheath air humidity on the SMPS measurements of hygroscopic aerosols. *Journal of Aerosol Science*, 29(Supp1): S327-S328, 1998. [http://dx.doi.org/10.1016%2FS0021-8502\(98\)00488-1](http://dx.doi.org/10.1016%2FS0021-8502(98)00488-1)
- Ristovski, Z.D., Morawska, L., Bofinger, N.D. and Hitchins, J. Emission of submicrometer particles from spark ignition vehicles. *Journal of Aerosol Science*, 29(Supp1): S1001-S1002, 1998. [https://doi.org/10.1016/S0021-8502\(98\)90683-8](https://doi.org/10.1016/S0021-8502(98)90683-8)
- Morawska, L., Thomas, S., Bofinger, N.D., Wainwright, D. and Neale, D. Comprehensive characterisation of aerosols in a subtropical urban atmosphere: particle size distribution and correlation with gaseous pollutants. *Atmospheric Environment*, 32(14): 2467-2478, 1998. [https://doi.org/10.1016/S1352-2310\(98\)00023-5](https://doi.org/10.1016/S1352-2310(98)00023-5)
- Morawska, L., Bofinger, N.D., Kotic, L. and Nwankwoala, A. Submicrometer and supermicrometer particles from diesel vehicle emissions. *Environmental Science & Technology*, 32(14): 2033-2042, 1998. <https://doi.org/10.1021/es970826+>
- Ristovski, Z.D., Morawska, L. and Bofinger, N.D. Investigation of a modified Sinclair-La Mer Aerosol Generator in the submicron range. *Journal of Aerosol Science*, 29(7): 799-809, 1998. [https://doi.org/10.1016/S0021-8502\(97\)10024-6](https://doi.org/10.1016/S0021-8502(97)10024-6)

1997

- Jamriska, M., Martin, D. and Morawska, L. Investigation of the filtration efficiency of HEPA and ULPA filters in submicron size range. *Clean Air*, 31(3): 31-37, 1997. <https://search.informit.org/doi/abs/10.3316/INFORMIT.720687043473019>
- Thomas, M., Morawska, L., Selby, M. and Bofinger, N.D. Investigations of the source of blank problems in the measurements of lead in submicron airborne particulates by ICP-MS. *Journal of Analytical Spectroscopy*, 12: 553-556, 1997. <https://doi.org/10.1039/A606446I>
- Morawska, L. and Jamriska, M. Determination of the activity size distribution of radon progeny. *Aerosol Science & Technology*, 26(5): 459-468, 1997. <https://doi.org/10.1080/02786829708965445>
- Morawska, L., Jamriska, M. and Bofinger, N.D. Size characteristics and aging of the environmental tobacco smoke. *Science of the Total Environment*, 196: 43-55, 1997. [https://doi.org/10.1016/S0048-9697\(96\)05388-0](https://doi.org/10.1016/S0048-9697(96)05388-0)

1996

- Morawska, L. and Jamriska, M. Deposition of radon progeny on indoor surface. *Journal of Aerosol Science*, 27(2): 305-312, 1996. [https://doi.org/10.1016/0021-8502\(95\)00553-6](https://doi.org/10.1016/0021-8502(95)00553-6)

1995

- Morawska, L., Bofinger, N.D. and Maroni, M. Indoor Air – An Integrated Approach. *Indoor Air*, 5(3): 225-226, 1995.

1994

- Morawska, L. and Jefferies, C. Distribution of radium in mineral sand grains and its potential effect on radon emanation. *Radiation Protection Dosimetry*, 56(1-4): 199-200, 1994. <https://doi.org/10.1093/oxfordjournals.rpd.a082452>

1993

- Morawska, L. and Phillips, C. Dependence of the radon emanation coefficient on radium distribution and inner structure of the material. *Geochimica et Cosmochimica Acta*, 57: 1783-1797, 1993. [https://doi.org/10.1016/0016-7037\(93\)90113-B](https://doi.org/10.1016/0016-7037(93)90113-B)

1992

- Morawska, L. and Phillips, C. Attachment of radon progeny to cigarette smoke aerosol. *Aerosol Science and Technology*, 17: 149-158, 1992. <https://doi.org/10.1080/02786829208959567>

1991

Morawska, L. and Phillips, C. Determination of the radon surface emanation rate from laboratory emanation data. *Science of the Total Environment*, 106: 253-262, 1991. [https://doi.org/10.1016/0048-9697\(91\)90061-I](https://doi.org/10.1016/0048-9697(91)90061-I)

1989

Morawska, L. Two ways of determining the ^{222}Rn emanation coefficient. *Health Physics*, 57(3): 481-483, 1989.

Morawska, L. Investigations of a specific surface area of a material on the basis of ^{222}Rn emanation coefficient measurements. *Health Physics*, 57(1): 23-27, 1989.

1988

Florkowski, T., Morawska, L. and Rozanski, K. Natural production of radionuclides in geological formations. *Journal of Physics G: Nuclear and Particle Physics*, 2(1): 1-14, 1988. <https://www.osti.gov/etdeweb/biblio/5312633>

1986

Dulinski, M., Florkowski, T., Grabczak, J., Janczyszyn, J., Kalita, S., Kuc, T., Morawska, L. and Rozanski, K. Tracing of the radioactive cloud in Krakow after the Chernobyl nuclear accident. Preliminary results. *Acta Geophysica Polonica*. 36(4): 405-412, 1986.

1983

Wojcik, M. and Morawska, L. Radon concentration and exhalation measurements with semiconductor detector and electrostatic precipitator working in a closed circulation system. *Nuclear Instruments and Methods*, 212: 393-402, 1983. https://inis.iaea.org/search/search.aspx?orig_q=RN:15056922

Morawska, L. Influence of sealants on $^{222}\text{radon}$ emanation rate from building materials. *Health Physics*, 44(4): 416-418, 1983. <https://pubmed.ncbi.nlm.nih.gov/6841103/>

Editorial Articles, Other Professional Publications (Letter, Note or Review), and Media Articles

2025

Morawska, L. Q&A Meditations from an air quality master. *Nature Reviews Chemistry*, **Accepted 10 November 2025, In Press**. <https://doi.org/10.1038/s41570-025-00777-5>

Morawska, L. Aerosol scientists: drivers of change to clean the air and improve public health. *Aerosol Science & Technology*, **Accepted 30 October 2025, In Press**. <https://doi.org/10.1080/02786826.2025.2583862>

Haswell, M., Morawska, L. and Ristovski, Z.D. Darwin residents are worried about toxic chemicals and gas leaks. We need laws to protect clean air. *The Conversation*, 29 October 2025. <https://doi.org/10.64628/AA.uw7rc43r5>

Bennett, J., Halley, C., Boulic, M., Kvalsvig, A., Baker, M., Plagmann, M., Telfar-Barnard, L. and Morawska, L. Invisible and ignored: Why indoor air quality deserves our attention. Public Health Communication Centre, Aotearoa, 11 September 2025. <https://www.phcc.org.nz/briefing/invisible-and-ignored-why-indoor-air-quality-deserves-our-attention>

Morawska, L., Jalaludin, B., Miller, W. and Dodd, B. Australian classrooms have worse air quality protections than many pet shelters and greenhouses. *Croaky Health Media*, 19 June 2025. <https://www.croakey.org/australian-classrooms-have-worse-air-quality-protections-than-many-pet-shelters-and-greenhouses/>

Haddrell, A. and Oswin, H. The role of carbon dioxide in airborne disease transmission: a hidden key to safer indoor spaces. *The Conversation*, 16 April 2025. https://theconversation.com/the-role-of-carbon-dioxide-in-airborne-disease-transmission-a-hidden-key-to-safer-indoor-spaces-229142?utm_medium=article_clipboard_share&utm_source=theconversation.com

2024

Wilgucka, M. and Morawska, L. "Navigare necesse est, vivere non est necesse". *Przemyśl Yearbook, Magazine Issue*, 2(28): 367-373, 2024. <https://doi.org/10.4467/24497363RPLJ.24.028.20554>

Chapman, M., Chew, G.L., Crane, J., Douwes, J., Green, B.J., Horner, E., Marks, G., Morawska, L., Perzanowski, M.S. and Rivera-Mariani, F.E., 2025. In memoriam: Euan R. Tovey, July 11, 1948, to June 28, 2024. *Journal of Allergy and Clinical Immunology: Global*, 4: 100362, 2024. <https://doi.org/10.1016/j.jaci.2024.100362>

Morawska, L., Kumar, P. and Noakes, C.J. Opinion: Clean indoor air in public buildings: can this be achieved? *Safety Management; A British Safety Council publication*, June 2024, pp. 40-43, 2024. <https://www.britsafe.org/safety-management/2024/clean-indoor-air-in-public-buildings-can-this-be-achieved>

Morawska, L. News & Views: The burden of disease due to indoor air pollution and why we need to know about it. *Science Bulletin*, 69(9): 1161-1164, 2024. <https://doi.org/10.1016/j.scib.2024.02.031>

2023

Morawska, L. Czym oddychamy? *ACADEMIA. Magazine of the Polish Academy of Sciences (Magazyn Polskiej Akademii Nauk)*, 74(2): 22-24, 2023. <http://dx.doi.org/10.24425/academiaPAN.2023.146998>

Morawska, L. and Salthammer, T. Viewpoint: A paradigm shift in cooperation between industry, legislation, and research to protect people and the environment. *International Journal of Hygiene and Environmental Health*, 251: 114174, 2023. <https://doi.org/10.1016/j.ijheh.2023.114174>

Hedges, K., Levitsky, M., Marchand, G., Morawska, L., Bh  rer, L. and Letellier, M.-C. Comment on M22-1966 study by Loeb et al. 2022 "Medical Masks Versus N95 Respirators for Preventing COVID-19 Among Health Care Workers – A randomized trial", *Annals of Internal Medicine*, 176(7): eL230076, 2023. <https://doi.org/10.7326/L23-0076>

2022

Morawska, L. Our Air. Essay for the Queensland Art Gallery of Modern Art (QAGoMA) 'Air' Exhibition catalogue, pp.65-68, 2022.

Morawska, L. and Marks, G.B. Ventilation reduces the risk of infection: why are we still ignoring it? *The Conversation*, published online 1 December 2022. Available at: <https://theconversation.com/ventilation-reduces-the-risk-of-covid-so-why-are-we-still-ignoring-it-194820>

Milton, D.K., Reid, J.P., Marr, L., Morawska, L., Tellier, R., Haddrell, A.E., Amaro, R.E., Bourouiba, L., Davidson, A.D., Greenhalgh, T., Jimenez, J., Prather, K.A. and Oswin, H.P. A Consensus Statement on SARS-CoV-2 Aerosol Dynamics, OSF PrePrints Consensus Statement, 2022. <http://doi.org/10.17605/OSF.IO/BNPG8>

Morawska, L. Pandemic Preparedness – No jobs on a dead planet, no jobs in a sick society. *Australian Fabians Review*, 3: 1-6, 2022.

2021

Morawska, L. The age of anti-science and how to change this. *Air Quality and Climate Change Journal, Air Quality in Unprecedented Times CASANZ Conference Special Edition 17-21 May 2021*, 55(3) 38-40, September 2021. Online: <https://search.informit.org/doi/abs/10.3316/INFORMIT.101096834483311>

Morawska, L. Improving indoor ventilation: an overlooked COVID infection control strategy. *Croakey*, 26 July 2021. Published Online: <https://www.croakey.org/improving-indoor-ventilation-an-overlooked-covid-infection-control-strategy/>

Morawska, L. Australia must get serious about airborne infection transmission. Here's what we need to do. *The Conversation*, 26 July 2021. Published Online: <https://theconversation.com/australia-must-get-serious-about-airborne-infection-transmission-heres-what-we-need-to-do-164622>. **Top read article for the month of July, with 54,864 reads as at the end of July 2021.**

2020

Morawska, L. and Marks, G.B. More testing and surveillance needed for COVID-19. *Croakey*, 24 March 2020. Published Online: <https://www.croakey.org/more-testing-and-surveillance-needed-for-covid-19/>

Morawska, L. Quo Vadis – Where Are You Going? Beyond Limitations – Reflections Collection 2020. QUT Chaplaincy, Qusted, Fang Ling and Sato, Rachel and Pun, Man Shuen, eds. ISBN 978-925553-25-3, November 2020. Published Online: <https://digitalcollections.qut.edu.au/6242/>

2019

Morawska, L. From face masks to air purifiers: what actually works to protect us from bushfire smoke? *The Conversation*, 12 December 2019. Published Online: <https://theconversation.com/from-face-masks-to-air-purifiers-what-actually-works-to-protect-us-from-bushfire-smoke-128633>. **Article was read more than 10,891 times and ranked the number 7 most read Conversation piece for the month of January 2020.**

Morawska, L. A report from the First WHO Global Conference on Air Pollution and Health. *Air Quality and Climate Change*, 53(1): o.21. March 2019.

2017

Morawska, L. Walking mightn't be good for you if it's through Australia's polluted city streets. *The Conversation*, 22 December 2017. Published online: <https://theconversation.com/walking-mightnt-be-good-for-you-if-its-through-australias-polluted-city-streets-88772>

Morawska, L., Chen, J., Wang, T. and Zhu, T. Preface on air quality in China. *Science of the Total Environment*, 26: 603–604, 2017. Link to the Special Issue: <http://www.sciencedirect.com/science/journal/00489697/vsi/10B73J23LSS>

2015

Morawska, L. and Salthammer, T. Indoor air: Contemporary sources, exposures and global implications. Preface of the Indoor Air Special Issue. *Atmospheric Environment*, 106: 375, 2015.

Morawska, L. and Barnett, A. Virtual Special Issue: "The impact of temperature on human health: new insights". *Science of the Total Environment*, available online: <https://www.journals.elsevier.com/science-of-the-total-environment/article-collections/the-impact-of-temperature-on-human-health-new-insights>

2013

Kidd, T.J., Knibbs, L.D., Johnson, G.R., Kattenbelt, J. A., Ramsay, K. A., Wood, M., Beevers, A., O'Rourke, P. K., Wainwright, C. E., Grimwood, K., Sly, P., Morawska, L. and Bell, S. C. Viability of *Pseudomonas Aeruginosa* (Pa) in cough aerosols from adult cystic fibrosis (CF) patients. *Respirology*, 18(S2): 13-13, 2013. <http://dx.doi.org/10.1111/resp.12045>

Kumar, P. and Morawska, L. Energy-Pollution Nexus for Urban Buildings. *Environmental Science & Technology*, 47(14): 7591-7592, 2013.

2012

Morawska, L. Editorial for HB2012, *Air Quality and Climate Change*, 47(1): 6-7, 2012.

Hussein, T., Johansson, C., Morawska, L., Forecasting Urban Air Quality: Editorial, *Advances in Meteorology*, Volume 2012: Article ID 243603, 2012.

2010

Gao, N., Niu, J. and Morawska, L. Distribution characteristics of respiratory aerosols in enclosed environments. *Journal of Southeast University* (English Edition), 26 (2): 232-237, 2010.

2002

Morawska, L. EcoLibrium, *The Official Journal of AIRAH* 1 (8) 2002. Indoor Air Conference in Monterey, 2002.

2001

Morawska, L. *Campus Review*, PhD submission, April 4-10, 2001.

1999

Morawska, L. Science and practice of indoor environment: Challenges and directions? *Indoor Air*, 9: 71-74, 1999.

1998

- Morawska, L. Science and practice of indoor environment: Where are they going? *Clean Air*, 32(4) 46-47, 1998.
- Morawska, L. Book Review: Radon and its Decay Products in Indoor Air. *Geochimica and Cosmochimica Acta*, 52(7): 1993, 1998.

Full Refereed Conference Papers

2024

- Hupkes, J., Brown, R., Burton, L.O., Li, Z. and Morawska, L. Building Ventilation: Development of a Taxonomy. 24th Australasian Fluid Mechanics Conference (AFMC2024), Canberra, Australia, 1-5 December 2024, pp.1-8.
- Salonen, H., Salthammer, T., Vornanen-Winqvist, C., Castagnoli, E., Mikkola, R., Täubel, M. and Morawska, L. Occupant's exposure to indoor air contaminants in European sports halls. *Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ)*, Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024, pp. 1-6.
- Salonen, H., Salthammer, T., Vornanen-Winqvist, C., Castagnoli, E., Mikkola, R., Täubel, M. and Morawska, L. User's exposure to indoor air contaminants in European swimming pools. *Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ)*, Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024, pp. 1-6.

2022

- Grossi, G., Fausto, A., Buonanno, G., Cortellessa, G., Mikszewski, A., Morawska, L. and Stabile, L. SARS-CoV-2 risk assessment for a 30-minute car journey. *Proceedings of Indoor Air 2022, 17th International Society of Indoor Air Quality and Climate (ISIAQ)*, Kuopio, Finland, 12-16 June 2022, pp. 1-8.
- Arora, P., Verma, P., Lodi, F., Jafari, M., Zare, A., Stevanovic, S., Bodisco, T.A., Brown, R. and Ristovski, Z.D. Morphological and Nanostructural Characteristics of Diesel Exhaust Soot Particles at Different Engine Operating Conditions. In Verma, Puneet, Samuel, Olusegun D., Verma, Tikendra Nath, & Dwivedi, Gaurav (Eds.) *Advancement in Materials, Manufacturing and Energy Engineering, Vol. II: Select Proceedings of ICAMME 2021*. Springer, Singapore, pp. 409-417, 2022. https://doi.org/10.1007/978-981-16-8341-1_33

2021

- Pacitto, A., Stabile, L., Frattolillo, A., Mikszewski, A., Morawska, L. and Buonanno, G.B. Ventilation strategies to minimise the airborne virus transmission in indoor environments. *Proceedings of the Healthy Buildings 2021 Conference*, Honolulu, Hawaii, USA, 9-11 November 2021, pp. 1-9.

2020

- Salonen, H., Salthammer, T. and Morawska, L. Occupant's exposure to nitrogen dioxide (NO₂) in European school and kindergarten buildings – A review. *Proceedings of Indoor Air 2020, 16th Conference of the International Society of Indoor Air Quality and Climate (ISIAQ)*, Seoul, Republic of Korea, 1-5 November 2020, pp. 1-9.
- Shahariar, G.M.H., Chu Van, T., Bodisco, T.A., Sajjad, M.S., Kabir, A. Ristovski, Z.D. and Brown, R. Comparison of real-time NOx emission measurements from two heavy-duty diesel engines. In Medwell, Paul, Alwahabi, Zeyad, Evans, Michael, Chan, Shaun, Chinnici, Alfonso, Tian, Zhao, et al. (Eds.) *Proceedings of the 2019 Australian Combustion Symposium*. Combustion Institute, Australia and New Zealand Section, Australia, pp. 101-104, 2019.

2018

- Jafari, M., Borghesani, P., Verma, P., Eslaminejad, A., Ristovski, Z.D. and Brown, R.J. Detection of misfire in a six-cylinder diesel engine using acoustic emission signals. *Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition, Volume 11: Acoustics, Vibration, and Phononics*. American Society of Mechanical Engineers Digital Collection, Pittsburgh, Pennsylvania, USA, 9–15 November 2018, pp. 1-4.
- Verma, P., Jafari, M., Pickering, E., Guo, Y., Stevanovic, S., Brown, R.J. and Ristovski, Z.D. Impact of fuel oxygen on morphology and nanostructure of soot particles from a diesel engine. In Lau, T C W & Kelso, R M (Eds.) *Proceedings of the 21st Australasian Fluid Mechanics Conference*, Australasian Fluid Mechanics Society, Australia, 2018, pp. 1-4.
- Jafari, M., Verma, P., Zare, A., Bodisco, T.A., Ristovski, Z.D. and Brown, R.J. Investigation of diesel engine combustion instability using a dynamical systems approach. In Lau, T C W & Kelso, R M (Eds.) *Proceedings of the 21st Australasian Fluid Mechanics Conference*: Australasian Fluid Mechanics Society, Australia, 2018, pp. 1-4.

2017

- Surawski, N., Chu Van, T., Ristovski, Z.D., Luong Cong, N., Nguyen Lan, H., Yuan, C.S.J., Rahman, S.M., Hossain, F.M., Guo, Y., Milic, A. and Rainey, T. Effects of sulphur and vanadium contents in diesel fuel on engine performance and emissions: Principal component analysis (PCA). In *11th Asia-Pacific Conference on Combustion*, The University of Sydney, December 2017, pp. 1-4.
- Rahman, S.M.A., Hossain, F.M., Van Chu, T., Dowell, A., Islam, M.A., Rainey, T.J., Ristovski, Z.D. and Brown, R.J. Comparative evaluation of the effect of sweet orange oil-diesel blend on performance and emissions of a multi-cylinder compression ignition engine. In Ali, M, Amin, M R, & Sadrul Islam, A K M (Eds.) *Proceedings of the 7th BSME International Conference on Thermal Engineering (AIP Conference Proceedings, Volume 1851, Issue 1)*: AIP Publishing LLC, USA, 2017, pp. 1-7.
- Chu Van, T., Lan, H.N., Cong, N.L., Garaniya, V., Jahangiri, S., Abbassi, R., Situ, R., Ferraris, M.D., Kimball, R., Ristovski, Z.D. and Rainey, T. Numerical simulation of performance and exhaust emissions of a marine main engine using heavy fuel oil during the whole voyage. In *Proceedings of the 3rd ASEAN Smart Grid Congress and the 5th International Conference on Sustainable Energy* (pp. 29-35). Ho Chi Minh City University of Technology, Vietnam, 2017, pp. 29-35.
- Salonen, H., Castagnoli, E., Vornanen-Winqvist, C., Mikkola, R., Duchaine, C., Morawska, L. and Kurnitski, J. Effect of local factors on concentrations and flora of viable fungi in school buildings. *Proceedings of the World Academy of Science, Engineering and Technology International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering*, 15(5), 2017, pp. 592-595.
- Salonen, H., Castagnoli, E., Vornanen-Winqvist, C., Mikkola, R., Duchaine, C., Morawska, L. and Kurnitski J. The effects of local factors on the concentrations and flora of viable fungi in school buildings. *Proceedings of the 19th International Conference on Civil and*

2016

- Quang, T.N., Hue, N.T.H., Thai, P., Mazaheri, M. and Morawska, L. Pilot Monitoring of Ultrafine Particle Number Concentrations in some Households in Hanoi. *Proceedings of the 7th International Conference Energy Environmental Residential Buildings*, Brisbane, Australia, 20-24 November 2016, pp. 1-6.
- Liu, X., Asumadu-Sakyi, A.B., Nyarku, M., Mazaheri, M., Thai, P., Morawska, L., and Jayaratne, E.R. Low-cost sensor network for indoor air quality monitoring in residential houses: Lab and indoor tests of two PM Sensors. *Proceedings of the 7th International Conference Energy Environmental Residential Buildings*, Brisbane, Australia, 20-24 November 2016, pp. 1-8.
- Salonen, H., Kurnitski, J., Kosonen, R., Hellgren, U.-M., Lappalainen, S., Peltokorpi, A., Reijula, K. and Morawska, L. The effects of the thermal environment on occupants' responses in health care facilities: A literature review. *Proceedings of the 9th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings (IAQVEC2016) "Healthy & Smart Built Environment"*, Seoul, Republic of Korea, 23-26 October 2016, pp. 1-8.
- Chu Van, T., Rainey, T., Ristovski, Z.D., Pourkhesalian, A.M., Garaniya, V., Abbassi, R., Yang, L. and Brown, R.J., 2016, July. Emissions from a marine auxiliary diesel engine at berth using heavy fuel oil. *Proceedings of the 10th Australasian Heat and Mass Transfer Conference*, School of Chemistry, Physics and Mechanical Engineering, Queensland University of Technology, Brisbane, Australia, 14-15 July 2016, pp. 81-86.
- Salonen, H., Duchaine, C., Létourneau, V., Mazaheri, M., Laitinen, S., Clifford, S., Lappalainen, S., Reijula, K. and Morawska, L. Factors affecting endotoxins in settled dust in different indoor environments — A review. *Proceedings of Indoor Air 2016, 14th International Society of Indoor Air Quality and Climate (ISIAQ)*, Ghent, Belgium, 3-8 July 2016, pp.1-6.
- Van Chu, T., Rainey, T., Ristovski, Z., Pourkhesalian, A.M., Garaniya, V., Abbassi, R., Yang, L. and Brown, R.J. Particle emissions from ships at berth using heavy fuel oil. In Annual General Assembly of the International Association of Maritime Universities (17th: 2016). In Nho, L C (Ed.) *Proceedings of the 17th International Association of Maritime Universities (IAMU) Annual General Assembly (AGA)*, Vietnam Maritime University, Vietnam, 2016, pp. 235-243.

2015

- Pereira, M.L., Vilain, R., Tribess, A. and Morawska, L. Risk assessment for airborne infectious diseases between natural ventilation and split-system air conditioner in a university classroom. *Proceedings of the 23rd ABCM International Congress of Mechanical Engineering (COBEM2015)*, Rio de Janeiro, Brazil, 6-11 December 2015, pp. 1-5.
- Hossain, F.M., Nabi, M.N., Rahman, M.M., Zare, A., Rainey, T.J., Stuart, D., Ristovski, Z.D. and Brown, R.J. Experimental investigation of the effects of oxygenated fuels on exhaust emissions in a heavy duty diesel engine. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 56-59.
- Babaie, M., Talebizadeh, P., Sia, K.H., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. Removal of secondary aerosols produced during plasma diesel particulate treatment. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 76-79.
- Nabi, N., Zare, A., Hossain, M., Rahman, M.M., Stuart, D., Ristovski, Z.D. and Brown, R. Formulation of new oxygenated fuels and their influence on engine performance and exhaust emissions. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 64-67.
- Zare, A., Bodisco, T., Nabi, N., Hossain, M., Rahman, M.M., Stuart, D., Ristovski, Z.D. and Brown, R.J. Impact of Triacetin as an oxygenated fuel additive to waste cooking biodiesel: transient engine performance and exhaust emissions. In Yang, Y & Smith, N (Eds.) *Proceedings of the 2015 Australian Combustion Symposium: The Combustion Institute Australia and New Zealand Section*, Australia, December 2015, pp. 48-51.
- Buonanno, G., Giovinco, G., Mazaheri, M., Thai, P., Morawska, L., Stabile, L., Fuoco, F.C. and Rizza, V. Lung cancer risk of airborne particles for Australian population. *Proceedings of the Metrology Society of Australasia (MSA2015)*, Queenstown, New Zealand, 14-16 October 2015, pp. 1-7.
- Pereira, M., Morawska, L., Knibbs, L.D., He, C. and Johnson, G. The effect of human density on the risk of infection in a hospital ward. In *Proceedings of the 1st North American Regional Conference on Healthy Buildings (HB2015): Innovation in a Time of Energy Uncertainty and Climate Adaptation*. International Society of Indoor Air Quality and Climate, 19-22 July 2015, pp. 419-422.
- Babaie, M., Talebizadehsardari, P., Inthavong, K., Ahmadi, G., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. An investigation of Nano-particle Deposition in Cylindrical Tubes under Laminar condition using Lagrangian transport model. In Liu, G R & Das, R (Eds.) *Proceedings of the 6th International Conference on Computational Methods, Volume 2, 2015*: ScienTech Publisher, United States of America, July 2015, pp. 1-6.
- Islam, M.S., Saha, S.C., Sauret, E., Gu, Y. and Ristovski, Z.D. Numerical investigation of aerosol particle transport and deposition in realistic lung airway. In Liu, G R & Das, R (Eds.) *Proceedings of the 6th International Conference on Computational Methods, Volume 2, 2015*: ScienTech Publisher, United States of America, July 2015, pp. 1-9.

2014

- Clifford, S., Mazaheri, M., Jayaratne, E.R., Mokhtar, M.A.M., Fuoco, F., Buonanno, G. and Morawska, L. Estimation of inhaled ultrafine particle surface area dose for urban environments. *Proceedings of the 11th Biennial Engineering Mathematics and Applications Conference (EMAC2013)*, Queensland University of Technology, Brisbane, Australia, December 2014, pp. C437-C447.
- Toms, L.M., Mazaheri, M., Brommer, S., Clifford, S., Drage, D., Mueller, J.F., Thai, P., Harrad, S., Morawska, L. and Harden, F.A. Polybrominated diphenyl ethers (PBDEs) in dust from primary schools in South East Queensland, Australia. *Proceedings of the Dioxin 2014 – 34th International Symposium on Halogenated Persistent Organic Pollutants*, 30 August – 4 September 2014, pp. 1-4.
- Mummullage, S., Egodawatta, P., Goonetilleke, A. and Ayoko, G.A. Variability of metal composition and concentrations of road dust in the urban environment. In *Proceedings of the World Academy of Science, Engineering and Technology Conference*, Barcelona, Spain. Published in International Science Index: 0086, 27-28 February 2014, pp. 607-612.
- Xi, Y., Sun, Z., Ayoko, G.A. and Frost, R.L. Palygorskite-supported nano zero-valent iron- bisphenol: A degradation study. *Proceedings Australian Clay Minerals Society Conference*, Gilkes RJ (Ed) – Perth, Australia, 3-5 February 2014, pp. 27-30.
- Jayaratne, R., Ling, X. and Morawska, L. Suppression of Cluster Ions during Particle Formation Events in the Atmosphere. *Proceedings*

of the XV International Conference on Atmospheric Electricity (ICAE2014), Norman, Oklahoma, USA, 15-20 June 2014, pp. 1-5.

Salonen, H., Lahtinen, M., Lappalainen, S., Knibbs, L.D., Morawska, L. and Reijula, K. The impact of windows, daylight and views of nature on health and wellbeing in healthcare facilities. *Proceedings of the International Sustainable built Environment Conference 2014*, Doha, Qatar, 28-30 January 2014, pp. 1-7.

2013

Haigh, V., Kaur, G., Couperthwaite, S., Millar, G., Ayoko, G.A. and Frost, R. Development of purification pathways for mineral wastewater. In: *Proceedings of the Sustainable Engineering Society Conference (2013: Canberra, ACT)*. Sustainable Engineering Society (SENG) 2013 conference: Looking back, looking forward. Barton, ACT: Engineers Australia 2013, pp. 112-120.

Babaie, M., Davari, P., Talebizadeh, P., Ristovski, Z.D., Rahimzadeh, H. and Brown, R.J. Study of particulate matter removal mechanism by using non-thermal plasma technology. In Seetharamu, S (Ed.) *Proceedings of the XIII International Conference on Electrostatic Precipitation*: International Society for Electrostatic Precipitation (ISESP), India, 2013, pp. 1-7.

Rahman, M.M., Stevanovic, S., Brown, R.J., and Ristovski, Z.D. Influence of different alternative fuels on particle emission from a turbocharged common-rail Diesel engine. *Procedia Engineering*, 56, 2013, pp. 381-386.

Cravigan, L., Mallet, M., Ristovski, Z., Vaattovaara, P., Talbot, N., Olivares, G., Harvey, M., Law, C. Marine aerosol hygroscopicity and volatility, measured on the Chatham Rise (New Zealand). *AIP Conference Proceedings*, 1527, 2013, pp. 547-550.

2012

Ayoko G., Bostrom T., Lim Y.H. and Elbagir S. Elemental characterisation and detection of heavy metals in house dusts collected from sites in South-East Queensland, Australia, *Proceedings of the 10th Healthy Buildings International Conference 2012*, pp. 1-6.

Gunawardena, J., Egodawatta, P., Ayoko, G.A. and Goonetilleke, A. Exploratory investigation of atmospheric total suspended particulate matter and heavy metals in urban air. *Proceedings of the Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2012)*, pp. 81-86.

Theiss, F.L., Sear-Hall, M.J., Couperthwaite, S.J., Ayoko, G.A. and Frost, R.L., Layered double hydroxides as iodine sorbents, *Proceedings of the combined Australian Regolith Geoscientists Association and Australian Clay Minerals Society Conference 2012*, pp. 83-86.

Lim, Y.-H., Ayoko, G.A., Frost, R.L. and Couperthwaite, S.J. Synthesis and characterization of organo-beidellite. *Proceedings of the Australian Regolith and clays Conference Mildura*, Victoria, Australia, 7-10 February 2012, pp. 29-32.

Park, Y., Ayoko, G.A. and Frost, R.L. Thermal analysis and application of organoclays for water purification. *Proceedings of the Australian Regolith and clays Conference Mildura*, Victoria, Australia, 7-10 February 2012, pp. 79-82.

2011

Zhu, C., Zhang, X. and Morawska, L. Quantitive study on visibility effect in road tunnels. *Proceedings of the 7th International Symposium on Heating, Ventilating and Air Conditioning (ISHVAC2011)*, Shanghai, China, 6-9 November 2011, pp. 566-574.

Buonanno, G., Giovenco, G., Morawska, L. and Wang, L. Submicrometer particle dose for different population age groups in Brisbane, Australia. *Proceedings of the Metrology Society of Australia 2011 (MSA2011) Conference*, Geelong, Australia, 19-21 October 2011, pp. 1-6.

Ayoko, G.A., Lim, M., Ristovski, Z.D., Jayaratne, E.R., Morawska, L., King, G. and Christensen, E. A comparative investigation of C6-C15 hydrocarbons emitted from a passenger car powered by unleaded petrol and 10% ethanol fuel. *Proceeding of the 20th International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

Ayoko, G.A., Blinco, J., Kirk, K. and Kumar, W. Hierarchical principal component analysis of chromatographic data obtained from the monitoring of airborne organic pollutants. *Proceeding of the 20th International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

Ristovski, Z.D., Surawski, N., Miljevic, B., Stevanovic, S., Ayoko, G.A., Elbagir, S., Morawska, L., Fairfull-Smith, K. and Bottle, S.E. On the Influence of Biodiesel Feedstock on Compression Ignition Particulate Emissions. *Proceeding of the 20th International Clean Air and Environment Conference*, Christchurch, New Zealand, 5-8 July 2011, pp. 1-4.

2009

Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Laser Printers: A Source of Nanoparticles in Indoor Office Environments. *Proceedings of the 27th Annual Conference of the Australian Institute of Occupational Hygienists (AIOH)*, Canberra, Australia, 5-9 December 2009, pp.1-10.

Gao, N., Niu, J. and Morawska, L. Distribution characteristics of respiratory aerosols in enclosed environments. *Proceeding of the 6th International Symposium on Heating, Ventilating and Air Conditioning (ISHVAC2009)*, Nanjing, China. 6-9 November 2009, pp. 811-818.

Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Uncertainty budget of the SMPS-APS system in the measurement of PM₁, PM_{2.5} and PM₁₀. *Proceedings of the 8th Biennial Conference of the Metrology Society of Australia*, Marcoola, Australia, 30 September – 2 October 2009, pp. 1-8.

Buonanno, G., Johnson, G.R., Morawska, L. and Stabile, L. Uncertainty budget in the measurement of typical airborne number, surface area and mass particle distributions. *Proceedings of the 8th Biennial Conference of the Metrology Society of Australia*, Sunshine Coast, Australia, 30 September – 2 October 2009, pp. 1-8.

Wensing, M., Delius, W., Omelan, A., Uhde, E., Salthammer, T., He, C., Wang, H. and Morawska, L. Ultrafine (UFP) from laser printers – influence of the fuser unit temperature on the particle formation. *Proceeding of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.

Wensing, M., Delius, W., Omelan, A., Uhde, E., Salthammer, T., He, C., Wang, H. and Morawska, L. Ultrafine particles (UFP) from laser printers: Chemical and physical characterization. *Proceedings of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp.1-4.

Wang, H., Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. How to identify a high-emitting printer? *Proceeding of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.

- He, C., Morawska, L., Jamriska, M. and Wang, H. Indoor and outdoor air pollutant characteristics of an office building in Brisbane, Australia. *Proceedings of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.
- Morawska, L., Mengersen, K., Homes, N., Tayphasavanh, F., Darasavong, K. and Wang, H. Housing characteristics and Indoor Air pollution in Lao PDR. *Proceeding of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009, pp. 1-4.
- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Printers and copiers: how to use science of emissions to minimize human exposures? *Proceeding of the 9th International Conference on Healthy Buildings*, Syracuse, New York, USA, 13-17 September 2009 pp. 1-4.
- Friend, A., Ayoko, G.A., Stelcer, E. and Cohen, D. Source Identification and Source Apportionment of Air Pollutants in Brisbane, Queensland. *Proceeding of the 19th International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Elbagir, S., Ayoko, G.A. and Kokot, S. Elemental composition of house dust samples from some urban and suburban homes. *Proceeding of the 19th International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Wardoyo, A.Y.P., Morawska, L., Ristovski, Z.D., Jamriska, M. and Carr, S. Particle Characteristics Emitted from Grass Fires in the Northern Territory, Australia. *Proceeding of the 19th International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Morawska, L., Ling, X. and Jayaratne, E.R. Nano and Ultrafine Particle Number Concentrations in Different Environments: Application towards Air Quality Regulations. *Proceeding of the 19th International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Modini, R., McGarry, P., Bostrom, T., Ayoko, G.A. and Wensing, M. Ultrafine particle emission during the operation of laser printers. *Proceeding of the 19th International Clean Air and Environment Conference*, Perth, Australia, 6-9 September 2009, pp. 1-6.
- Gao, N., Niu, J. and Morawska, L. Distribution characteristics of respiratory aerosols in enclosed environments. *Proceeding of the 1st International Postgraduate Conference on Infrastructure and Environment (IPCIE)*, Hong Kong, China, 5-6 June 2009, pp. 53-61.
- Wang, L., Jayaratne, E.R., Morawska, L., Heuff, D. and Jamriska, M. A Comparative Study of Airborne Particulate Pollution at Two Bus Stations of Different Site Geography. *Proceedings of the 11th International Conference on Air Distribution in Rooms (RoomVent 2009)*, Busan, Republic of Korea, 24-27 May 2009, pp. 1-6.

2008

- Wang, L., Morawska, L. and Jayaratne, E.R. CFD modelling of ultrafine particle number concentration and dispersion at a bus station. *Proceeding of Indoor Air 2008, 11th International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-7.
- Morawska, L., He, C., Wang, H., McGarry, P., Salthammer, T., Jayaratne, E.R., Johnson, G.R., Bostrom, T., Modini, R., Uhde, E., Ayoko, G.A. and Wensing, M. Particle Emission from Laser Printers: What are the particles and what makes a printer a high emitter? *Proceeding of Indoor Air 2008, 11th International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Chao, C., Wan, M., Li, Y., Xie, X. and Katoshevski, D. Droplets expelled during human expiratory activities and their origin. *Proceeding of Indoor Air 2008, 11th International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Knibbs, L.D., de Dear, R., Morawska, L. and Atkinson, S. On-road quantification of the key characteristics of automobile HVAC systems in relation to in-cabin submicrometer particle pollution. *Proceeding of Indoor Air 2008, 11th International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-8.
- Ayoko, G.A., Blinco, J., Kirk, K. and Uhde, E. Exposure to airborne organic compounds inside passenger vehicles. *Proceeding of Indoor Air 2008, 11th International Society of Indoor Air Quality and Climate (ISIAQ)*, Copenhagen, Denmark, 17-22 August 2008, pp. 1-7.
- Wang, L. and Morawska, L. Characterizing and Predicting Ultrafine Particle Number Concentration in an Office by CFD Method. *Proceeding of the First International Conference on Building Energy and Environment*, Dalian, China, 13-16 July 2008, pp. 2107-2111.
- Tucker, S., Brown, S., Egan, S., Boulaire, F., Morawska, L. and He, C. Estimating Indoor Air quality using integrated 3D CAD building models. *Proceeding of the 3rd International Conference of the Cooperative Research Centre (CRC) for Construction Innovation, Clients Driving Innovation: Benefiting from Innovation*, 12-14 March 2008, pp.1-10.
- Situ, R., Brown, R., Ristovski, Z.D., Kruger, U. and Hargreaves, D. Analysis of dual fuel compression ignition (diesel) engine. *Proceedings of the 7th International Conference on Modeling and Diagnostics for Advanced Engine Systems*, 2008, pp. 839-846.

2007

- Morawska, L., Agranovski, V. and Moore, M. State of Epidemiological Evidence for Health Impacts of Ultrafine Particles. *Proceeding of the 14th International IUAPPA World Congress*, 9-13 September 2007, pp. 1-7.
- Ong, S.T., Ayoko, G.A., Kokot, S. and Morawska, L. Polycyclic Aromatic Hydrocarbons in House Dust Samples: Source Identification and Apportionment. *Proceeding of the 14th International IUAPPA World Congress, 18th Clean Air Society of Australia and New Zealand (CASANZ) Conference*, 9-13 September 2007, pp. 1-6.
- Ayoko, G.A. and El-tahir, S. Multivariate Statistical Evaluation of the Chemical Composition of Fine Particles: A Case Study. *Proceeding of the 14th International IUAPPA World Congress*, 9-13 September 2007, pp. 1-5.
- Kumar, A., Bofinger, N. and Ayoko, G.A. Characterisation of Soluble Inorganic PM₁₀ Aerosols in Brisbane. *Proceeding of the 14th International IUAPPA World Congress*, 9-13 September 2007, pp. 1-7.
- Suni, T., Ristovski, Z.D., Morawska, L., Guenther, A., Turnipseed, A., Sogacheva, L., Kulmala, M., Hakola, H. and Bäck, J. Atmospheric aerosol and ion characteristics during EUCAP (Eucalypt Forest Aerosols and Precursors). *Proceeding of the 17th International Conference on Nucleation & Atmospheric Aerosols (ICNAA2007)*, Galway, Ireland, 13-17 August 2007, pp. 1-5.
- Ristovski, Z.D., Suni, T., Meyer, N., Johnson, G.R., Morawska, L., Duplissy, J., Weingartner, E., Baltensperger, U. and Turnipseed, A. Hygroscopic and Volatile Properties of Ultrafine Particles in the Eucalypt Forests: Comparison with Chamber Experiments and the

2006

Uhde, E., He, C. and Wensing, M. Characterization of Ultra-fine Particle Emissions from a Laser Printer. *Proceeding of the Healthy Buildings 2006 Conference*, Lisbon, Portugal, 4-8 June 2006, pp. 479-482.

2005

Jamriska, M., Morawska, L., Yip, M. and Madl, P. Airborne Particulate Matter at a Bus Station: Concentration Levels and Governing Parameter. *Proceeding of the Indoor Air Quality and Climate Conference*, Beijing, China, 4-9 September 2005, pp. 1631-1635.

Morawska, L. Droplet Fate in Indoor Environments or Can We Prevent the Spread of Infections. *Proceeding of the Indoor Air Quality and Climate Conference*, Beijing, China, 4-9 September 2005, pp. 9-23.

Morawska, L., He, C. and Gilbert, D. Indoor exposure to submicrometer particles and PM_{2.5} in residential houses in Brisbane, Australia. *Proceeding of the Indoor Air Quality and Climate Conference*, Beijing, China, 4-9 September 2005, pp. 1641-1645.

Roberston, S., Ayoko, G.A. and Duigu, J. Elemental and polycyclic aromatic hydrocarbon compositions of house dusts in Brisbane, Australia. *Proceeding of the Indoor Air Quality and Climate Conference*, Beijing, China, 4-9 September 2005, pp. 1536-1540.

Ayoko, G.A., Uhde, E., Wang, E. and Morawska, L. Multi-criteria ranking of Indoor Air quality in non-industrial environments. *Proceeding of the Indoor Air Quality and Climate Conference*, Beijing, China, 4-9 September 2005, pp. 2134-2138.

Wu, P., Ayoko, G.A., Morawska, L., Kokot, S. and Uhde, E. Characterisation of Indoor Air organic pollutants in Brisbane. *Proceeding of the 17th International Clean Air & Environment Conference*, Hobart, Tasmania, 3-6 May 2005, pp. 1-6.

Wardoyo, A., Morawska, L., Ristovski, Z.D. and Marsh, J. Particle Number and mass emission factors from combustion of wood samples collected from Queensland Forest. *Proceeding of the 17th International Clean Air & Environment Conference*, Hobart, Tasmania, 3-6 May 2005, pp. 1-6.

Jamriska, M., Jayaratne, E.R., Morawska, L. and Ayoko, G.A. Air pollution levels measured at traffic hot spots: Brisbane urban corridor study. *Proceeding of the 17th International Clean Air & Environment Conference*, Hobart, Tasmania, 3-6 May 2005, pp. 1-6.

Ayoko, G.A., Lim M. and Morawska, L. Assessing Health Risk Associated with airborne polycyclic aromatic hydrocarbons by Chemometrics and toxic equivalency factors. *Proceeding of the 17th International Clean Air & Environment Conference*, Hobart, Tasmania, 3-6 May 2005, pp. 1-6.

2004

Herngren, L., Goonetilleke, A. and Ayoko, G.A. Investigation of urban water quality using artificial rainfall. *Proceeding of the WEF Watershed Conference*, Dearborn, Michigan USA, 14 July 2004, pp. 1-16.

2003

Ayoko, G.A., Uhde, E., Morawska, L., Kokot, S. and Gilbert, D. Multivariate evaluation of Indoor Air quality, building characteristics and SBS complaints. *Proceeding of the 7th International Conference Healthy Buildings*, National University of Singapore, Singapore, 7-11 December 2003, pp. 1-6.

Jamriska, M. and Uhde, E. Particle collection efficiency of sorbent tubes. *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore 7-11 December 2003, pp. 129-133.

Hasselaar, E., Klunder, G., and Morawska, L. Integrating health and sustainability in life cycle assessment. *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore 7-11 December 2003, pp. 467-473.

Uhde, E., Ayoko, G.A. and Morawska, L. VOC and fine particles in a newly renovated building: A case study. *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore 7-11 December 2003, pp. 1-5.

He, C., Morawska, L., Hitchins, J. and Gilbert, D. A pilot on the effect of indoor particle sources on indoor particle concentration in residential houses. *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore 7-11 December 2003, pp. 123-128.

He, C., Morawska, L., Hitchins, J. and Gilbert, D. Indoor and outdoor nitrogen dioxide concentration in residential houses in Australia. In *Proceedings of ISIAQ 7th International Conference*, National University of Singapore, Singapore 7-11 December 2003, pp. 409-413.

Morawska, L. and He, C. Relationship between indoor/outdoor concentrations of particles: A critical review. *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore, 7-11 December 2003, pp. 212-218.

Morawska, L. How can land and urban development make house healthier? *Proceeding of the 7th International Conference Healthy Buildings Conference*, National University of Singapore, Singapore, 7-11 December 2003, pp. 81-97.

Lim, M., Ayoko, G.A. and Morawska, L. Elemental composition of airborne particles in traffic affected Brisbane areas. *Proceeding of the National Clean Air Conference*, Newcastle, Australia, 23-27 November 2003, pp. 52-57.

Jamriska, M., Morawska, L., Thomas, S. and He, C. Diesel Bus Emissions of Submicrometer Particles Measured in a Tunnel Study. *Proceeding of the National Clean Air Conference*, Newcastle, Australia, 23-27 November 2003, pp. 1-5.

Ristovski, Z.D., Morawska, L., Moore, M., Agranovski, V., Swanson, C. and Hughes, D. The impact of sulphur content of diesel fuel on ultrafine particle formation. *Proceeding of the National Clean Air Conference*, Newcastle, Australia, 23-27 November 2003, pp. 62-67.

Morawska, L., Thomas, S., Jamriska, M., Ferreira, L. and McGregor, F. Quantification of motor vehicle emission factors from on road measurements. *Proceeding of the National Clean Air Conference*, Newcastle, Australia, 23-27 November 2003, pp. 61-77.

Knibbs, L.D., De Dear, R., Morawska, L. and Atkinson, S.E. On-road quantification of the key characteristics of automobile HVAC systems in relation to in-cabin sub-micrometer particle pollution. *Proceedings of the International Conference on Smart and Sustainable Built Environment (SASBE2003)*, Brisbane, Australia, 19-21 November 2003, pp. 1-8.

Kelly, C.A., Brown, R.J. and Ayoko, G.A. Under water emissions from a two-stroke outboard engine - A comparison between an EAL and an equivalent mineral lubricant. *Tribology in Environmental Design: The Characteristics of Interacting Surfaces - A Key Factor in*

- Sustainable and Economic Products. *Proceeding of the 2nd International Conference*, Bournemouth, United Kingdom, 8-10 September 2003, 26(7), pp. 609-617.
- Gramotnev, G., Ristovski, Z.D., Brown, R., Morawska, L., Jamriska, M. and Agranovski, V. A new method for obtaining fine particles emission factors with validation from measurements near a busy road in Brisbane. *Proceeding of the National Environment Conference*, Environmental Engineering Society, Queensland Chapter, Brisbane Convention and Exhibition Centre, Australia, 18-20 June 2003, pp. 206-211.
- Kelly, C.A., Brown, R.J., Ayoko, G.A. and Scott, W. Underwater Emissions from a Two-Stroke Outboard Engine: Can the Type of Lubricant Make a Difference? In National Environment Conference 2003, *Proceeding of the National Environment Conference*, Environmental Engineering Society, Queensland Chapter, Brisbane Convention and Exhibition Centre, Australia, 18-20 June 2003, pp. 244-249.
- Lim, M., Ayoko, G.A. and Morawska, L. Elemental composition of airborne particles in traffic-affected Brisbane areas. *Proceeding of the National Clean Air Conference: Linking Air Pollution Science, Policy and Management*, 2003, pp. 1-6.
- McGregor, F., Ferreira, L. and Morawska, L. A method of estimating submicrometer particle concentrations from roadside measurements in different urban environments. *Proceeding of the 21st ARRB and 11th REAAA Transport Research Conference*, Cairns, Australia, 18-23 May 2003, pp. 3087-2105.

2002

- McGregor, Fraser A., Ferreira, L., Morawska, L., Jamriska, M. and Thomas, S. Modelling of Particle Emissions from Motor Vehicles in Urban Environments. *Proceeding of the ICTTS*, Guilin, China, 2002, pp. 1-12.
- Agranovski, I., Agranovski, V., Grinshpun, S., Willeke, K. and Reponen T. New technique for personal sampling of viable airborne microorganisms. *Proceeding of the AIHce*. San-Diego, USA, 2002, pp. 1-6.
- Ristovski, Z.D. Formation of nanoparticles in the exhaust of diesel busses for different levels of fuel sulfur content. *Proceeding of the 6th International ETH-Conference on Nanoparticle Measurement*, August 2002, pp. 1-6.
- Ristovski, Z.D., Jayaratne, E.R., Lim, L., Ayoko G.A., and Morawska, L. Influence of the fuel sulfur content on the particulate emission from a bus city fleet. *Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand*, 19-22 August 2002, Volume 16, pp. 1-6.
- Ristovski, Z.D., Jayaratne, E.R., Lim, M., Ayoko, G.A. and Morawska, L. Comparison of emissions from a selection of passenger vehicles operating on unleaded petrol and LPG fuel. *Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand*, 19-22 August 2002, Volume 16, pp. 1-6.
- Morawska, L., He, C., Ayoko, G.A., Hargreaves, M., Hitchins, J., Parappukkaran, S. and Gilbert, D. Multiparameter investigations of air pollutant levels and contributing sources in residential houses in Brisbane. *Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand*, 19-22 August 2002, Volume 16, pp. 1-6.
- Lack, D., Bofinger, N. and Wiegand, A. The effect of propene on secondary organic aerosol formation from toluene & m-xylene. *Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand*, 19-22 August 2002, Volume 16, pp. 1-6.
- Bofinger, N., Wiegand, A. and Lack. Secondary organic aerosol: The yield parameter. *Proceeding of the 16th International Clean Air and Environment Conference of the Clean Air Society of Australia & New Zealand*, 19-22 August 2002, Volume 16, pp. 1-6.
- McGregor, F., Ferreira, L., Morawska, L., Jamriska, M. and Thomas, S. Modelling of particle concentrations from motor vehicles in urban environments. In *Traffic and Transportation Studies, Proceeding of the ICTTS*, Guilin, China, 23-25 July 2002, pp. 25-32.
- Nathanson, T., Morawska, L., and Jamriska, M. Filter performance guidelines for good IAQ. *Proceeding of the Indoor Air 2002: 9th International Conference on Indoor Air Quality and Climate*, Volume 2. Monterey, California, USA, 30 June – 5 July 2002, pp. 1-6.
- Jamriska, M. and Morawska, L. Air filtration in an office building: from design to validation. *Proceeding of the 9th International Conference on Indoor Air Quality and Climate*, Monterey, California, USA, 30 June – 5 July 2002, pp. 1-6.
- Jamriska, M., Morawska, L. and Nathanson, T. Characterisation of filter performance in relation to outdoor air quality. *Proceeding of the 9th International Conference on Indoor Air Quality and Climate*, Monterey, California, USA, 30 June – 5 July 2002, pp. 197-202.
- Gramotnev, G., Brown, R., Ristovski, Z.D., Hitchins, J. and Morawska, L. Estimation of fine particle emission factors for vehicles on a road using CALINE4 program. *Proceeding of the 4th Queensland Environmental Conferences*, Brisbane, Australia 30-31 May 2002, pp. 43-48.

2001

- Morawska, L. and Hargreaves, M. Assessment of biological agents in the human environment: Progress and challenges. *Proceeding of the Australian Institute of Occupational Hygienists Conference (AIOH)*, 1-5 December 2001, pp. 1-10.
- Morawska, L. Sustainable Built Environment: A big goal through small steps. *Proceeding of the 4th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings*, Changsha, China, 2-5 October 2001, pp.1-10.

2000

- Morawska, L. and Thomas, S. Modality of ambient particle distributions as a basis for developing air quality regulations. *Proceeding of the 15th International Clean Air & Environment Conference*, Novotel Brighton Beach, Sydney, Australia, 26-30 November 2000, pp. 432-437.
- Jamriska, M. and Morawska, L. The effect of surface deposition, coagulation and ventilation on submicrometer particles indoors. *Proceeding of the 15th International Clean Air & Environment Conference*, Novotel Brighton Beach, Sydney, Australia, 26-30 November 2000, pp. 536-542.
- Morawska, L. and Thomas, S. The relationship between relative humidity and size of ambient aerosol particles. *Proceeding of the 15th International Clean Air & Environment Conference*, Novotel Brighton Beach, Sydney, Australia, 26-30 November 2000, pp. 240-245.
- Jamriska, M., Morawska, L. and Ensor, D. Assessment of the effect of air filtration and ventilation on reduction of exposure to submicrometer particles indoors. *Proceeding of the Healthy Buildings Conference*, Volume 1, Espoo, Finland, 6-10 August 2000, pp. 519-524.
- Morawska, L. Control of particles indoors – state of the art. *Proceeding of the Healthy Buildings Conference*, Volume 2, Espoo, Finland, 6-10 August 2000, pp. 9-20.

- Morawska, L. Indoor Air policies and programs in Australia. *Proceeding of the Healthy Buildings Conference*, Espoo, Finland, 6-10 August 2000, pp. 1-6.
- Morawska, L. The impact of ultrafine particles from outdoor combustion sources on IAQ. *Proceeding of the Healthy Buildings Conference*, Espoo, Finland, 6-10 August 2000, pp. 1-6.
- Morawska, L. Particles In Indoor Air: What Do We Know About Them? *Proceeding of the 4th International Indoor Air Quality Symposium-Current IAQ Practices Worldwide*, Orlando, USA, May 2000, pp. 1-4.
- Morawska, L. Will “environmental” be replaced by “extrasensory”? Or, how to get from big and global, to something that works and is achievable? In *International Symposium on Environmental Software Systems, Proceeding of the Environmental Software Systems: Environmental Information and Decision Support, 3rd International Symposium*, Springer, Boston, USA, 2000, pp. 9-17.

1999

- Morawska, L. Fine Particles in the Air: Why are they a problem? *Proceeding of the 18th Annual Australian Institute of Occupational Hygienists (AIOH) Conference*, “Occupational Hygiene Beyond 2000”, Queensland, Australia, 27 November – 1 December 1999, pp. 1-10.
- Johnson, L., Jamriska, M., Morawska, L. and Ferreira, L. Vehicle emissions in Australia: from monitoring to modelling. *Proceeding of the Urban Transport and the Environment Conference*, Volume 49, Rhodes, Greece, 8-10 September 1999, pp. 1-9.
- Morawska, L. Indoor Air '99 – Review of the Trends and Directions. *Proceeding of the Indoor Air Conference*, Edinburgh, Scotland, 8-13 August 1999, pp. 1-7.
- Agranovski, V., Morawska, L., Ristovski, Z.D. and Jamriska, M. Evaluation of electrostatic performance for submicron particle size range. *Proceeding of the Indoor Air Conference*, Edinburgh, Scotland, 8-13 August 1999, pp. 653-658.
- Hitchins, J., Morawska, L. and Gilbert, D. Horizontal distribution of submicrometre particles from vehicle emissions near a major road: Implication for building location. *Proceeding of the Indoor Air Conference*, Edinburgh, Scotland, 8-13 August 1999, pp. 1-6.

1997

- Dharmasiri, J.K., Morawska, L. and Hillier, J. Isotope studies on mechanisms of Groundwater recharge to an alluvial aquifer in Gatton, Queensland. *Proceeding of the Second International Conference on Isotopes*, Sydney, 12-16 October 1997, pp. 1-6.
- Morawska, L., Jamriska, M. and Francis, P. Particle characterisation in surgical theatres. *Proceeding of the Healthy Buildings 1997 Conference*, Washington DC, USA, 27 September – 2 October 1997, pp. 283-290.
- Dharmasiri, J.K., Morawska, L. and Hillier, J. Application of stable isotopes to identify sources of recharge to an alluvial aquifer in Gatton, Queensland. *Proceeding of the Murray-Darling Workshops, “Groundwater in the balance”*, Toowoomba, Queensland, 26-28 August 1997, pp. 249-252.

1996

- Morawska, L., Bofinger, N., Thomas, S., Wainwright, D. and Neale, D. Characterisation of airborne particulate pollution. *Proceeding of the 13th International Clean Air & Environment Conference*, Adelaide, September 1996, pp. 1-6.
- Thomas, S., Morawska, L. and Bofinger, N. Ultra-trace metal characterisation of airborne particulate matter. *Proceeding of the 13th International Clean Air & Environment Conference*, Adelaide, September 1996, pp. 1-6.
- Jamriska, M. and Morawska, L. The effect of ventilation and filtration on reduction of indoor air exposure to submicron pollutant particles – case study. *Proceeding of the 7th International Conference on Indoor Air Quality and Climate*, Nagoya, Japan July 1996, pp. 753-758.
- Morawska, L. and Hitchins, J. Dose assessment from indoor air particulates. *Proceeding of the 7th International Conference on Indoor Air Quality and Climate*, Nagoya, Japan, July 1996, pp. 1-6.
- Lyons, R. and Morawska, L. Cross sectional characterisation of indoor exposure to particulate pollution. *Proceeding of the 7th International Conference on Indoor Air Quality and Climate*, Nagoya, Japan, July 1996, pp. 711-716.

1995

- Morawska, L., Jamriska, M. and Hitchins, J. The effect of ventilation on environmental tobacco smoke characteristics in a sub-tropical climate. *Proceeding of the Healthy Buildings Conference*, Milano, Italy, September 1995, pp. 593-598.

1993

- Morawska, L. and Jamriska, M. The effects of ETS and other combustion products on the indoor concentration levels of radon progeny and activity size spectrum. *Proceeding of the 6th International Conference on Indoor Air Quality and Climate*, Finland, July 1993, pp. 1-5.

1990

- Morawska, L. and Phillips, C. Attachment of radon progeny to cigarette smoke aerosol. American Association for Aerosol Research (AAAR) Annual Meeting, Philadelphia, 18-22 June 1990, pp.1-6.
- Morawska, L. and Phillips, C. Determination of the radon surface emanation rate from laboratory emanation data. American Industrial Hygiene Conference: Industrial Hygiene in the World of Tomorrow. Orlando, Florida, 13-18 May 1990, pp.1-6.

Other – Refereed Scholarly Conference Papers / Abstracts

2026

- Zhao, B., Gammulle, H., Warnakulasuriya, T.F. and Morawska, L. Deep Reinforcement Learning for Optimizing Indoor Air Quality in HVAC Intelligent Control. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.

- Madhubhashini, D., Adotey, E., Salthammer, T. and Morawska, L. Application of Smart Air Purifiers as a Short-Term Strategy for Indoor Air Quality Control. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Omrani, S., Patel, H., Jayaratne, E.R., Larbi, M., Warnakulasuriya, T.F., Adotey, E., McGarry, P., Gupta, U., Zhao, B., Drogemuller, R., Hupkes, J. and Morawska, L. The First Real-World Example of Dynamic Implementation of Standards and Management of Indoor Air Quality in a Public Building. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Morawska, L., Gupta, U., Patel, H. and Jayaratne, E.R. Evaluation of PM_{2.5} Sensors for Calibration and their Application in an Indoor Air Quality Monitoring Network. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Hupkes, J., Burton, L., Brown, R., Estaquio, R.P., Rhoan Lustro, J., Li, Z., Chin, D. and Morawska, L. Learning from Termites: Biomimetic Ventilation Strategies for Tropical Buildings. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Hupkes, J., Burton, L., Brown, R., Estaquio, R.P., Rhoan Lustro, J., Li, Z., Chin, D. and Morawska, L. Ventilation Strategy Classification in Practice: Evaluating UFAD Performance in Melbourne's Council House 2. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Hupkes, J., Burton, L., Brown, R., Estaquio, R.P., Rhoan Lustro, J., Li, Z., Chin, D. and Morawska, L. Ventilation Strategy Selection for Moisture Management in Tropical Climates: A Taxonomy-Based Framework for Mould Mitigation Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Morawska, L., Asbach, C. and Patel, H. A Framework for Indoor Air Compliance Monitoring Using Low-Cost PM_{2.5} Sensors. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Sowa, J., Gasperowicz, M., Morawska, L., Sobczak, Z., Temkin, A. and Wargocki, P. Actions Toward Building a Policy for Good Indoor Air Quality in Polish Schools. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Majumdar, S., Sharma, S., Adjoyan, C., Tsigaras, L., McMillan, M., Wu, L., Kevin, K., Scott, N., Josten, S., Wheeler, A., Stewardson, A., Marks, G.B., Morawska, L., Monty, J. and Cox, H. Accelerating the Pathway to Clean Indoor Air Through Implementation Research in Australia. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Neumeister-Kemp, H., Salthammer, T., Jones, C. and Morawska, L. State of Indoor Mould in Australia 2026, a best practice Guideline. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.
- Gonord, C., Neumeister-Kemp, H., Salthammer, T. and Morawska, L. Mould prevalence in Australian Residential Homes. Proceedings of Indoor Air 2026 Conference, 19th International Society of Indoor Air Quality and Climate (ISIAQ), Singapore, 14-18 June 2026.

2025

- Morawska, L., Asbach, C. and Patel, H. Indoor Air Compliance Monitoring Using Low-Cost PM_{2.5} Sensors. 2025 Clean Indoor Air for ALL Conference, Clean Air Society of Australia and New Zealand (CASANZ), Melbourne, Australia, 13-15 October 2025.
- Li, X., Monty, J. and Morawska, L. Comparison of mixing ventilation against underfloor air distribution systems for airborne infection control in a lecture theatre. 2025 Clean Indoor Air for ALL Conference, Clean Air Society of Australia and New Zealand (CASANZ), Melbourne, Australia, 13-15 October 2025.
- Adotey, E., Salthammer, T. and Morawska, L. Understanding the physical fragmentation of plastics into inhalable airborne microplastics. 2025 Clean Indoor Air for ALL Conference, Clean Air Society of Australia and New Zealand (CASANZ), Melbourne, Australia, 13-15 October 2025.
- Hupkes, J., Gupta, U., Estaquio, R.P., Brown, R., Lustro, J.R., Li, Z. and Morawska, L. Optimal Placement of CO₂ Sensors to Monitor Indoor Air Quality and Ventilation Effectiveness. 2025 Clean Indoor Air for ALL Conference, Clean Air Society of Australia and New Zealand (CASANZ), Melbourne, Australia, 13-15 October 2025.
- Zhao, B., Grange, S.K., Gupta, U., Larbi, M. and Morawska, L. Enhancing Existing BMS Capabilities for Indoor Air Quality Optimization. 2025 Clean Indoor Air for ALL Conference, Clean Air Society of Australia and New Zealand (CASANZ), Melbourne, Australia, 13-15 October 2025.
- Gupta, U., Miller, W., Brown, R. and Morawska, L. Critical review of literature assessing indoor air quality (IAQ) in green buildings. Healthy Buildings 2025 Asia, India, 18-21 August 2025.
- Liu, B. and Morawska, L. Unraveling Cross-organ Impacts of Airborne Pollutants: a Multiomics Study on Respiratory Exposure and Gastrointestinal Health. Asia Oceania Geosciences Society (AOGS) 22nd Annual Meeting. Marina Bay Sands Singapore, 27 July – 1 August 2025.
- Wang, L., Chen, J. and Morawska, L. Insights from an Integrated Lc-MS/MS and Machine Learning Analysis Into the Role of Long-chain Cho-containing Compounds in Ambient Light-absorbing Aerosols. Asia Oceania Geosciences Society (AOGS) 22nd Annual Meeting. Marina Bay Sands Singapore, 27 July – 1 August 2025.
- Salonen, H., Salthammer, T., Vornanen, C., Castagnoli, E., Alapieti, T., Mikkola, R. and Morawska, L. Occupants' exposure to indoor radon in European school environments. Healthy Buildings 2025 Europe, Reykjavík, Iceland, 8-11 June 2025.
- Morawska, L., Asbach, C. and Patel, H. Application of PM_{2.5} low-cost sensors for indoor air quality compliance monitoring. Healthy Buildings 2025 Europe, Reykjavík, Iceland, 8-11 June 2025.
- Morawska, L., Miller, W., Grange, S., Oswin, H., Larbi, M., Gupta, U. and Zhao, B. First real-world exemplar of implementing a Blueprint Indoor Air Quality Standards. Healthy Buildings 2025 Europe, Reykjavík, Iceland, 8-11 June 2025.
- Morawska, L., Asbach, C. and Patel, H. Indoor Air Compliance Monitoring Using Low-Cost PM_{2.5} Sensors. 2025 Indoor Air Quality Conference, Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH), Melbourne, Australia, 26-27 May 2025.
- Patel, H., Jayaratne, E.R., Wells, B., Lynch, D. and Morawska, L. The History of the KOALA: From Outdoors to Indoors and Beyond. 2025 Indoor Air Quality Conference, Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH), Melbourne, Australia, 26-27 May 2025.

- Lekamge, S.A., Jayaratne, E.R., Fookes, C., Gammulle, H. and Morawska, L. Dual-Function Smoke Alarms: Revolutionising Fire Detection with PM2.5 Monitoring for Improved Indoor Air Quality. 2025 Indoor Air Quality Conference, Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH), Melbourne, Australia, 26-27 May 2025.
- Salonen, H., Salthammer, T., Castagnoli, E., Mikkola, R., Vornanen-Winqvist, C., Alapieti, T., Lazaridis, M., Täubel, M. and Morawska, L. The effects of cleaning chemicals on indoor air quality and means to reduce harmful exposure in educational buildings. 6th Workplace and Indoor Aerosols Conference 2025, Angevin Aragonese Castle, Gaeta, Italy, 6-8 May 2025.
- Grange, S.K., Jayaratne, E.R., Josa-Culleré, A., Brown, A., Kumar, P., Green, L., Green, D., Fierz, M., Asbach, C., Hueglin, C., Patel, H., Silvonen, V., Rönkkö, T., Timonen, H., Teinilä, K., Petäjä, T., Niemi, J., Lazaridis, M., Chatoutsidou, S.E., Wang, H., Stabile, L., Buonanno, G., Chen, H., Zhu, Y., Alastuey, A., Querol, X., Baron, L. and Morawska, L. Evaluation of the Naneos Partector 2 Pro ultrafine particle monitor to support WHO's 2021 good practice statements. 6th Workplace and Indoor Aerosols Conference 2025, Angevin Aragonese Castle, Gaeta, Italy, 6-8 May 2025.

2024

- Xu, R., Ye, T., Yue, X., Yang, Z., Yu, W., Zhang, Y., Bell, M.L., Morawska, L., Yu, P., Zhang, Y. and Wu, Y., 2024, August. A global effort to assess human exposure to daily landscape fire air pollution over two decades. *ISEE Conference Abstracts: 36th Annual Conference of the International Society of Environmental Epidemiology*, Santiago, Chile, 25-28 August 2024. <https://doi.org/10.1289/isee.2024.0193>
- Cowie, C., Lynton, D., Innis, J., Johnston, F., Arrigada, N.B., Morawska, L., Morgan, G., Marks, G.B. and Wheeler, A. Ascertaining neighbourhood variation in PM_{2.5}, representative of wood heater emissions, in Sydney, Australia: a case study. 36th Annual Conference of the International Society for Environmental Epidemiology, Santiago, Chile, 25-28 August 2024. <https://doi.org/10.1289/isee.2024.1105>
- Cowie, C., Hanigan, I., Yu, W., Yuen, C., Gopi, K., Morgan, G., Arrigada, N.B., Heyworth, J, Cope, M., Morawska, L., Jalaludin, Marks, G.B., Guo, Y. and Knibbs, L.D. High spatial resolution PM and NO₂ estimation for an epidemiological study using a deep ensemble machine learning framework. *ISEE Conference Abstracts: 36th Annual Conference of the International Society of Environmental Epidemiology*, Santiago, Chile, 25-28 August 2024. <https://doi.org/10.1289/isee.2024.1103>
- Golbabaie, F., Paz, A., Jaydarifard, S. and Morawska, L. Strategies and technologies for mitigating airborne transmission risks in public transportation. 45th Australasian Transport Research Forum (ATRF), 26-29 November 2024.
- Morawska, L., Asbach, C., Buonanno, G., Eleftheriadis, K., Fierz, M., Green, D., Habre, R., Harrison, R., Hüglin, C., Jayaratne, E.R., Kanninen, K., Lazaridis, M., Querol, X., Rönkkö, T., Silvonen, V., Stabile, L., Viana, M., Wang, H. and Wang, L. Ultrafine particle monitoring to support WHO 2021 UFP Good Practice. European Aerosol Conference (EAC2024), Tampere, Finland, 25-30 August 2024.
- Morawska, L., Oswin, H.P, Niazi, S., Groth, R. and Ristovski, Z.D. The state of the art in characterisation of particles from respiratory activities. Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024.
- Miller, W., Morawska, L., Adams, R., Lester, D. and Monty, J. How can we reimagine the control of airborne pathogens through ventilation in the context of climate change? Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024.
- McGarry, P., Morawska, L. and Oswin, H. Validation results of a reasonably practicable methodology using CO₂ concentration to assess ventilation to indoor spaces. Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Proceedings of Indoor Air 2024, USA, 7-11 July 2024.
- Oswin, H.P., Glachant, L. and Morawska, L. Using portable CO₂ monitors to explore the air quality of indoor spaces. Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024.
- Oswin, H.P., Silvonen, V., Growth, R., Tellier, R. and Morawska, L. A novel method for quantifying the airborne infection risk of indoor spaces. Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024.
- Silvonen V., Oswin, H.P., Groth, R., Haddrell, A., Morawska, L., Ristovski, Z.D., and Rönkkö, T. Acidity of air as a tool to help understand airborne pathogen viability. Proceedings of Indoor Air 2024, 18th International Society of Indoor Air Quality and Climate (ISIAQ), Hawaii Convention Center, Honolulu, Hawaii, USA, 7-11 July 2024.
- Salonen, H., Salthammer, T., Täubel, M. and Morawska, L. The effect of cleaning products on occupants' health. 34th International Congress on Occupational Health (ICOH 2024), Marrakesh, Morocco, 28 April – 3 May 2024.

2023

- Senarathna, S.M., Jayaratne, E.R., Morawska, L., Walikannage, K., Weerassoriya, R. and Bowatte, G. Air quality trends and patterns in Kandy, Sri Lanka. Proceedings of the Postgraduate Institute of Science Research Congress, Sri Lanka, 4-5 November 2023.
- Morawska, L., Jayaratne, E.R., He, C. and Ristovski, Z.D. Frequency of new particle formation in Brisbane over the years. The 21st International Conference on Nucleation and Atmospheric Aerosols (ICNAA2023), Queensland University of Technology, Brisbane, Queensland, Australia, 26-30 June 2023.
- Jayaratne, E.R., Pushpawela, B. and Morawska, L. How does wind speed affect new particle formation in the atmosphere? The 21st International Conference on Nucleation and Atmospheric Aerosols (ICNAA2023), Queensland University of Technology, Brisbane, Queensland, Australia, 26-30 June 2023.
- Madureira, J., Pereira, M.C., Teixeira, J.P., Dzúrová, D., Afonso, I., Rodrigues, A., Bonassi, S., Verhagen, H., Morawska, L. and Slezakova, K. Children exposure to endocrine disruptors chemicals: what do we know until now and what can be done about it? Healthy Buildings 2023 Europe Conference, Aachen, Germany, 11-14 June 2023.

2022

- Zhang, S., Breitner, S., Pickford, R., Lanki, T., Okokon, E., Morawska, L., Samoli, E., Rodopoulou, S., Stafoggia, M., Renzi, M., Schikowski, T., Zhao, Q., Schneider, A. and Peters, A. Short-term effects of ultrafine particles on the heart rate variability: a systematic review and meta-analysis. 13th International Conference on Air Quality, Thessaloniki, Greece, 27 June – 1 July 2022.

- Madureira, J., Pereira, M.C., Teixeira, J.P., Dzúrová, D., Afonso, I., Bonassi, S., Verhagen, H., Morawska, L. and Slezakova, K. Endocrine disruptors and child neurodevelopment – research questions and study design of EDC(Mind)2 project. Indoor Air 2022 Conference, 17th International Conference of the International Society of Indoor Air Quality & Climate, Kuopio, Finland, 12-16 June 2022.
- Pedro, B., Sofia, S. and Morawska, L. How to quantify impacts of low-cost solutions to mitigate indoor air pollution (IAP) in schools? 17th International Conference of the International Society of Indoor Air Quality & Climate, Kuopio, Finland, 12-16 June 2022.
- Morawska, L. and Huang, W. Factors contributing to limited progress in IAQ management and how to change it: a review. Indoor Air 2022 Conference, 17th International Conference of the International Society of Indoor Air Quality & Climate, Kuopio, Finland, 12-16 June 2022.

2021

- Peng, Z., Pineda, A., Kropff, E., Bahnfleth, W., Buonanno, G., Dancer, S., Kurnitski, J., Li, Y., Loomans, M., Marr, L.C., Morawska, L., Nazaroff, W.W., Noakes, C., Querol, Q., Sekhar, C., Tellier, R., Greenhalgh, T., Bourouiba, L., Boestra, A., Tang, J., Miller, S. and Jimenez, J. COVID-19 indoor airborne transmission risk estimation based on practical risk indicators or CO₂ level. American Geophysical Union (AGU) Fall Meeting 2021, New Orleans, USA, 13-17 December 2021.
- Salonen, H., Salthammer, T. and Morawska, L. Occupants exposure to ozone in school buildings. *Proceedings of the Healthy Buildings 2021 Conference*, Honolulu, Hawaii, USA, 9-11 November 2021.
- Priyankara, D., Yasaratne, D., Jayaratne, E.R., Senarathne, M., Abeysundara, S., Weerasooriya, R., Morawska, L., Knibbs, L.D., Megadharra, D., Dharmage, S. and Bowatte, G. Ambient PM_{2.5} Exposure and Respiratory Disease Hospitalization in Kandy, Sri Lanka. ERS Lung Science Conference 2021, 11-12 March 2021.

2020

- Shahariar, G.M.H., Bodisco, T.A., Chu Van, T., Surawski, N., Sajjad, M., Suara, K.A., Ristovski, Z.D. and Brown, R. Optimisation of driving-parameters and emissions of a diesel-vehicle using principal component analysis (PCA). In Chanson, H. & Brown, R. (Eds.) *Proceedings of the 22nd Australasian Fluid Mechanics Conference, AFMC2020*. The University of Queensland, Brisbane, Australia, 7-10 December 2020.
- Cowie, C.T., Salimi, F., Ezz, W., Clifford, S., Mazaheri, M., Morawska, L., Robinson, P.D., Toelle, B.G. and Marks, G.B. UFP exposure and biomarkers of exposure/effect on small airways in school children. International Society for Environmental Epidemiology (ISEE), In ISEE Conference Abstracts, Vol. 1, October 2020.
- Cole-Hunter, T., Asumadu-Sakyi, A., Dansie, A., Hilly, J., Kim, R., Morawska, L. Air quality exposure monitoring and management for health in the low-to-middle income countries of the Western Pacific: a systematic review of the literature. 30th Annual Meeting of the International Society for Exposure Science, 21-22 September 2020.
- Dansie, A., Wiggs, G., Thomas, D., Wilson, D., Turagabeci, A., Hilly, J., Gucake, J., Morawska, L., Cole-Hunter, T. and Jagals, P. Regional processes and airborne particulates in the South Pacific. International Conference on Aeolian Research, Swakopmund, Namibia, 12-17 July 2020.

2019

- Cole-Hunter, T., Cowie, C., Johnston, F., Marks, G.B., Morawska, L., Morgan, G., Overs, M. and Porta-Cubas, A. Waste-to-Energy processes: what is the impact on air pollutants and health? A critical review of the literature. 2019 International Symposium on Electrical and Electronics Engineering (ISEE), 10-12 October 2019.
- Cole-Hunter, T., Jayaratne, R., Turagabeci, A., Jagals, P., Gucake, J., Knibbs, L., Jalaludin, B., Morawska, L. Air pollution, energy, and health in the Pacific: a low-cost solution for evidence-based clean-energy transition. 24th International Clean Air and Environment (CASANZ) conference, Queenstown, New Zealand, 16-18 September 2019.
- Knibbs, L., Cole-Hunter, T., Jayaratne, R., Turagabeci, A., Jagals, P., Gucake, J., Jalaludin, B., Morawska, L. Evidence to support clean-energy transition and related health co-benefits: air quality monitoring in Suva, Fiji. Annual Conference of the International Society for Environmental Epidemiology, Utrecht, The Netherlands, 25-28 August 2019.
- Cole-Hunter, T., Jayaratne, E.R., Turagabeci, A., Gucate, J., Jagals, P., Knibbs, L.D., Jalaludin, B. and Morawska, L. Air quality monitoring in Suva, Fiji: evidence to support clean-energy transition. European Aerosol Conference 2019, Gothenburg, Sweden, 25-30 August 2019.
- Kuhn, T., Jayaratne, E.R., Thai, P.K., Christensen, B., Lamont, R., Zing, I., Liu, x., Dunbabin, M. and Morawska, L. KOALA low-cost air quality monitoring network at a major sports event. European Aerosol Conference 2019, Gothenburg, Sweden, 25-30 August 2019.
- Morawska, L., Xiu, M., He, C., Buonanno, G., McGarry, P., Maumy, B., Stabile, L. and Thai, P.K. Laser Printers Particles Emissions Revisited. European Aerosol Conference 2019, Gothenburg, Sweden, 25-30 August 2019.
- Nyarku, M., Buonanno, G., Jayaratne, E.R., Mazaheri, M., Dunbabin, M., Rahman, M.M., Uhde E. and Morawska, L. Ultrafine particles in Accra, Ghana: sources, concentrations and exposures. European Aerosol Conference 2019, Gothenburg, Sweden, 25-30 August 2019.
- Salonen, H., Salthammer, T. and Morawska, L. Factors affecting the indoor concentration of ozone and ozone reaction products in school buildings and means to reduce the exposure. The built, natural, and social environments: impacts on exposures, health and well-being, ISEISIAQ2019 Conference, Kaunas, Lithuania, 18-22 August 2019.
- Stockwell, R., Wood, M., Kidd, T., Johnson, G.R., Knibbs, L.D., Morawska, L., Wainwright, C. and Bell, S.C. High aerosol production of potentially infectious cough aerosols in people with CF during coughing. 42nd European Cystic Fibrosis Conference, Liverpool, United Kingdom, 5-8 June 2019.

2018

- Stockwell, R.E., Wood, M.E., He, C., Sherrard, L.J., Ballard, E.L., Kidd, T.J., Johnson, G.R., Knibbs, L.D., Morawska, L. and Bell, S.C. Prolonged wear of face masks prevent the release of *Pseudomonas aeruginosa* during coughing in people with cystic fibrosis. 32nd North American Cystic Fibrosis Conference, Phoenix Arizona, USA, 18-20 October 2018.
- Rahman, S.M., Rainey, T.J., Dowell, A., Nabi, M.N., Babaie, M., Ristovski, Z.D. and Brown, R.J. Evaluation of waste essential oil as a diesel fuel supplement. 2nd International Conference on Bioresource Technology for Bioenergy, Bioproducts & Environmental Sustainability, Sitges, Spain, 16-19 September 2018.
- De Jesus, A.L., Rahman, M.M., Mazaheri, M., Knibbs, L.D., Thomson, H., Evans, G., Jeong, C., Kulmala, M., Petäjä, T., Luoma, K.,

- Timonen, H., Niemi, J., Harrison, R., Beddow, D., Sioutas, C., Sowlat, M.H. and Morawska, L. Correlation between PM_{2.5} and Particle Number Concentrations in Four Major Cities: Toronto, Los Angeles, Helsinki and London. 10th International Aerosol Conference 2018 (IAC2018), Americas Center, St. Louis, Missouri, USA, 2-7 September 2018.
- Jayarathne, E.R., Pushpawela, B., Morawska, L. and Gao, J. New Particle Formation and Haze Events in Beijing. 10th International Aerosol Conference (IAC2018), America's Center in St. Louis, Missouri, USA, 2-7 September 2018.
- Pushpawela, B., Jayaratne, E.R., Morawska, L. Temporal Distribution of New Particle Formation Events in Brisbane, Australia. 10th International Aerosol Conference (IAC2018), America's Center in St. Louis, Missouri, USA, 2-7 September 2018.
- Liu, X., Jayaratne, R., Thai, P., Dunbabin, M., Morawska, L. The Impact of Ambient Conditions on the Performance of a Low-cost Air Quality Sensor Package (KOALA). 10th International Aerosol Conference (IAC2018), America's Center in St. Louis, Missouri, USA, 2-7 September 2018.
- 2017**
- Rahman, S.M. Ashrafur, Van, T.C., Hossain, F.M., Dowell, A., Islam, M.A., Nabi, M.N., Marchese, A.J., Tryner, J., Suara, K., Bodisco, T., Rainey, T., Ristovski, Z.D. and Brown, R.J. Experimental investigation of engine performance, emission and combustion characteristics of tea tree oil blend in a CI engine. In Asia Pacific Conference on Combustion, Sydney, Australia 10-14 December 2017.
- Guo, Y., Stevanovic, S., Jafari, M., Verma, P., Brown, R., Osuagwu, C.G., D'Anna, B. and Ristovski, Z.D. Investigation of the performance of after-treatment devices on diesel and biodiesel particles. 11th Asia-Pacific Conference on Combustion (ASPACC 2017, The University of Sydney, Australia, 10-14 December 2017.
- Morawska, L. and Mazaheri, M. What drives air pollution at Brisbane Schools? Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Quang, T.N., Hue, N.T., Dat, M.V., Thai, P. and Morawska, L. Particle number concentrations indoor and outdoor of six households in Hanoi, Vietnam – An exploratory assessment. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Nyarku, M., Mazaheri, M., Jayaratne, E.R., Dunbabin, M., Rahman, M.M. and Morawska, L. Use of mobile phones for urban personal exposure assessment. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Pushpawela, B., Jayaratne, E.R., and Morawska, L. The formation rate of secondary particles in Brisbane. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Villa, T.F., Brown, R., Jayaratne, E.R., Gonzalez, F., Morawska, L. and Ristovski, Z. Towards the use of unmanned aerial vehicles for the assessment of ship emissions. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Liu, X., Jayaratne, E.R., Asumadu-Sakyi, A., Nyaku, M., Mazaheri, M., Thai, P., Dunbabin, M. and Morawska, L. Suitability of low-cost PM_{2.5} sensors for monitoring ambient concentrations. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- de Jesus, A.L., Rahman, M.M., Mazaheri, M., Knibbs, L., Qiao, L., Ping, L., Querol, X., Reche, C. and Morawska, L. Relationship between PM_{2.5} and particle number concentration in urban areas. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Rahman, M.M. and Morawska, L. Comparing the performance of machine learning algorithms for predicting ambient ultrafine particles concentration in the Brisbane metropolitan area. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Guo, Y., Jafari, M., Stevanovic, S. and Ristovski, Z.D., The performance of the after treatment devices on the biodiesel particulate size. Clean Air Society of Australia and New Zealand 2017 Conference (CASANZ2017), Brisbane, Australia, 15-18 October 2017.
- Vaughan, A., Stevanovic, S., Jafari, M., Miljevic, B., Ristovski, Z., Bowman, R., Fong, K. and Yang, I., 2017. The effect of diesel emission exposure on intracellular signalling pathways of primary human bronchial epithelial cells. In ERS International Congress 2017, Milan, Italy, 9-13 September 2017.
- Jabbour, N., Stockwell, R.E., Wood, M.E., Sherrard, L.J., Ramsay, K.A., Knibbs, L.D., Kidd, T.J., Wainwright, C.E., Bell, S.B. and Morawska, L. Biological decay of cough generated *Pseudomonas aeruginosa* aerosols in the TARDIS. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Chu Van, T., Ristovski, Z.D., Garaniya, V., Kimball, R. and Brown, R.J. On-board measurements of particle and gaseous emissions from a large cargo vessel at different operating conditions. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Liu, X., Mabon, A., Asumadu-Sakyi, A., Mazaheri, M., Jayaratne, E.R., Dunbabin, M., and Morawska, L. The effect on temperature and humidity on the performance of low-cost-PM sensors. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Pushpawela, B., Jayaratne, E.R., and Morawska, L. Relative formation times of charged and neutral particles in an urban environment. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Larcombe, K., Jayaratne, E.R., and Ayoko, G.A. Sources of PM₁₀ at an urban air monitoring site in New South Wales, Australia. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Pushpawela, B., Nguy, A., Jayaratne, E.R. and Morawska, L. Efficiency of an ionizer in removing airborne particles. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Morawska, L., Mazaheri, M., Buonanno, G., Clifford, S., Fuoco, F. and Wangchuk, T. Comparative personal exposure assessment of school children to particle number concentrations in Australia, Italy and Bhutan. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Mazaheri, M., Reche, C., Rivas, I., Álvarez-Pedrerol, M., Viana, M., Alastuey, A., Sunyer, J., Crilley, L., Querol, X. and Morawska, L. Assessment of traffic-related emissions on exposure to particles at schools. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.
- Morawska, L., Kumar, P., Jabbour, N., Jayaratne, E.R., Johnson, G.R., Alroe, J., Uhde, E., Salthammer, T., Cravigan, L., Faghihi, E.M. A New Mechanism of Ultrafine Particle Generation during Concrete Fracture. European Aerosol Conference 2017, Zürich,

Switzerland, 27 August – 1 September 2017.

Tran, Q. Thai, P. and Morawska, L. Particle number concentrations indoor and outdoor of six households in Hanoi, Vietnam – an exploratory assessment. European Aerosol Conference 2017, Zürich, Switzerland, 27 August – 1 September 2017.

2016

Wood, M., Stockwell, R.E., Johnson, G.R., Ramsay, K.A., Sherrard, L.J., Jabbour, N., Ballard, E.L., O'Rourke, P., Kidd, T.J., Wainwright, C.E., Knibbs, L.D., Sly, P.D., Morawska, L. and Bell, S.C. Face Masks and Cough Etiquette Reduce Airborne Transfer of Cough Generated *Pseudomonas aeruginosa* in Patients with Cystic Fibrosis. 30th Annual North American Cystic Fibrosis Conference, Orlando, Florida, USA, 27-29 October 2016.

Morawska, L., Chen, J., Jayaratne, R., Ye, X., and Li, C. Spatial and Temporal Variation of Airborne Particle Concentration in the Yangtze River Basin. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

Falcão, L., Clifford, S., Mazaheri, M., Broday, D. and Morawska, L. The influence of meteorology of indoor pollutant concentration: application of advanced modelling techniques. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

Yacobi, T., Etzion, Y., Jayaratne, R., Rahman, M.M., Morawska, L. and Fishbain, B. Quality of Digital Images as Means of Ambient Fine PM assessment. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

He, C., Mackay, I., Ramsay, K., Liang, Z., Kidd, T., Knibbs, L.D., Johnson, G., Coulthard, M., Long, D., Williams, T., Wainwright, C. and Morawska, L. Characteristics of Particles Concentration in a Paediatric Intensive Care Unit (PICU). European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

He, C., Knibbs, L.D., Tran, Q., Wang, H. and Morawska, L. Indoor Particle Sources and Spatial Variation of Particle Concentration in a Prison. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

Ayoko, G.A., Jayaratne, E.R. and Mummullage, S. Three-way positive matrix factorization analysis of PM₁₀ in Brisbane, Australia. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

Ayoko, G.A., Jayaratne, Park, Y. and Friend, A.J. Exploratory application of the 3-way PMF to PM_{2.5} and PM₁₀ at two sites in Queensland, Australia. European Aerosol Conference 2016, Tours, France, 4-9 September 2016.

Cravigan, L., Ristovski, Z., Alroe, J., Mallet, M., Miljevic, B., Selleck, P., Keywood, M., Ward, J., Molloy, S., and Humphries, R. Contributions to Southern Ocean cloud condensation nuclei inferred from water uptake and volatility. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Humphries, R. Keywood, M., Ward, J., Cravigan, L., Ristovski, Z. and Jayaratne, E.R. Atmospheric gradients of aerosol properties across the Antarctic Polar Front. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Jayaratne, E.R., Pushpawela, B., He, C., Morawska, L. and Gao, J. First Observations of New Particle Formation in Beijing using a Neutral Cluster and Air Ion Spectrometer (NAIS). 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Porncharoen, S., Jayaratne, E.R., Chen, J., Ye, X., Li, C. and Morawska, L. Airborne Particle Concentration in the Yangtze River Basin. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Pushpawela, B., Jayaratne, E.R. and Morawska, L. The balance between charged and neutral particles and clusters in the Brisbane airshed. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Jayaratne, E.R., Cravigan, L., Alroe, J. and Ristovski, Z. Neutral Cluster and Air Ion Spectrometer (NAIS) measurements during the passage across the southern polar front. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Nguy, A., Jayaratne, E.R., Pushpawela, B. and Morawska, L. Efficiency of an Ionizer in Cleaning Airborne Particles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia 4-5 August 2016.

McGarry, P., Clifford, S., Knibbs, L.D., He, C. and Morawska, L. Application of multi-approach to characterisation of particle emissions from nanotechnology processes. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Akbarnezhad, S., Soltani, A., Morawska, L. and Rainey, T. Experimental investigation on filtration efficiency of quartz fibrous filters in capturing soot aerosol particles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Villa, T., Jayaratne, R., Morawska, L. and Gonzales, F. Monitoring above-ground airborne pollution using unmanned aerial vehicles. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Mabon, A., Liu, X., Asumadu-Sakyia, A.B., Nyarku, M., Jayaratne, E.R., Morawska, L. and Dunbabin, M. Laboratory assessment of external factors influence on Low-cost PM sensors readings. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Liu, X., Mabon, A., Asumadu-Sakyi, A.B., Nyarku, M., Mazaheri, M., Jayaratne, E.R., Morawska, L. and Dunbabin, M. Experimental evaluation of low-cost PM sensor for urban air quality monitoring. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Xiu, M., Rahman, M.M., Pourkhesalian, A.M., Nguyen, H., Stevanovic, S., Morawska, L. and Thai, P. Preliminary characterization of emission from burning waste paper briquettes and other commercial fuels. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Rizza, V., Stabile, L., Buonanno, G. and Morawska, L. Variability of airborne particle metrics in urban area. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Yeganeh, B. The application of remote sensing technology in air quality modelling. 12th Annual Workshop of the Australia New Zealand Aerosol Assembly (ANZAA2016), Queensland University of Technology, Brisbane, Australia, 4-5 August 2016.

Yacobi, T., Etzion, Y., Jayaratne, R., Rahman, M.M., Morawska, L. and Fishbain, B. Assessing Exposure to Ambient Fine Particulate

Falcão, L., Clifford, S., Morawska, L. and Broday, D. Non-Parametric estimation of the influence of meteorology on Indoor and Outdoor Air. 4th Workplace and Indoor Aerosols Conference, Barcelona, Spain, 20-22 April 2016.

Salonen H., Duchaine C., Létourneau V., Mazaheri M., Laitinen S., Clifford S., Lappalainen S., Reijula S. and Morawska L. Factors affecting endotoxins in settled dust in different indoor environments — A review. 18th International Conference on Air Pollution and Control (ICAPC2016), Rio de Janeiro, Brazil, 1-2 February 2016.

2015

Clifford S., Mazaheri M., Yeganeh B., Mengersen K., Marks G. and Morawska L. Uncertainty in exposure estimates & imputation of missing aerosol data in an epidemiological study. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Mishra, N., Ayoko, G.A. and Morawska, L. Source apportionment of polycyclic aromatic hydrocarbons in urban environment. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Morawska, L., Johnson, G.R., Knibbs, L.D., Kidd, T.K., Cheney, J., Grimwood, K., Kattenbelt, J.A., O'Rourke, P.K., Ramsay, K.A., Sly, P.D., Wainwright, C.E., Wood, M.E. and Bell, S.C. Broadening the Perspective on the Airborne Transmission of Respiratory Infection, European Aerosol Conference 2015, Milan, Italy, 6-11 September 2015.

Mazaheri, M., Clifford, S. and Morawska, L., Inhaled particle surface area dose: stationary vs personal monitoring. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Rahman, M.M., Mazaheri, M., Clifford, S. and Morawska, L. Characterisation and Sources of Ultrafine Particles in an Inner City Urban Area. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Rahman, M.M., Cope, M., Mazaheri, M. and Morawska, L. Evaluation of a meteorological and three-dimensional chemical transport model for gaseous and particle concentrations in an urban airshed. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Mishra, N., Ayoko, G.A., and Morawska, L. Source apportionment of polycyclic aromatic hydrocarbons in urban environment. European Aerosol Conference, Milan, Italy, 6-11 September 2015.

Mazaheri M., Reche C., Rivas I, Alastuey A., Viana M., Sunyer J., Alvarez M., Querol X. and Morawska L. Environmental factors affecting exposure to ambient ultrafine particles at urban schools. 19th ETH-Conference on Combustion Generated Nanoparticles, Zürich, Switzerland, 28 June – 1 July 2015.

Karunasinghe, J., Knibbs, L.D., Clifford, S., Salimi, F. and Morawska, L. Land use regression model (LUR) for ultrafine particles in Brisbane. 9th Asian Aerosol Conference 2015 (AAC2015), Kanazawa, Japan, 23-26 June 2015.

Salonen, H., Lahtinen, M., Lappalainen, S., Knibbs, L.D., Morawska, L. and Reijula, K. Seeing and experiencing nature – factors that affect health and wellbeing in health care facilities. International Congress on Occupational Health, Coex, Seoul, Republic of Korea, 31 May 2015 – 5 June 2015.

Salonen, H., Lahtinen, M., Lappalainen, S., Knibbs, L.D., Morawska, L. and Reijula, K. Effects of art and music on human well-being in health-care facilities — a review. International Congress on Occupational Health, Coex, Seoul, Republic of Korea, 31 May 2015 – 5 June 2015.

Salonen, H., Duchaine, C., Létourneau, V., Mazaheri, M., Laitinen, S., Clifford, S., Lappalainen, S., Reijula, K. and Morawska, L. Factors affecting endotoxin concentrations in indoor air-a review. Healthy Buildings Europe 2015, 18-20 May 2015.

Salonen, H., Lahtinen, M., Lappalainen, S., Morawska, L. and Reijula, K. Effects of carpet on human health and wellbeing in health care facilities. 10th International Scientific Conference International Occupational Hygiene Association 2015 Conference (IOHA2015), London, United Kingdom, 25-30 April 2015.

Nabi, M.N., Zare, A., Hossain, F.M., Bodisco, T.A., Rahman, M., Ristovski, Z.D and Brown, R.J. Steady-state and transient diesel engine test cycles: Issues associated with the introduction of bio-fuels. In *1st International Conference on Sustainable Fuels for IC Engines in Emerging Nations*, Taj Palace Hotel, New Delhi, India, 2-3 February 2015.

2014

Thompson, A., Blinco, J., Bottle, S. and Ristovski, Z.D. Development of solid phase chemosensors for the detection of reactive oxygen species in particulate matter. In *Royal Australian Chemical Institute National Congress*, Adelaide, Australia, 7-12 December 2014.

Ayoko, G. et al. Analysis of particle size distribution data collected at an inner city site in Brisbane, Australia. International Aerosol Conference 2014, Bexco, Busan, Korea, 28 August – 2 September 2014.

Mishra, N., Ayoko, G.A. and Morawska, L. Health risks assessment of mixture of pollutants in indoor air using Maximum Cumulative Ratio (MCR) approach. International Aerosol Conference 2014, Bexco, Busan, Korea, 28 August – 2 September 2014.

Buonanno, G., Stabile, L., Jayaratne, E.R. and Morawska, L. Measurement of cooking-generated particle charge. Indoor Air 2014 Conference, Hong Kong, China 7-12 July 2014.

Morawska, L. et al. Cough aerosols from healthy subjects are not representative of patients with respiratory disease Review result. Indoor Air 2014 Conference, Hong Kong, China 7-12 July 2014.

Morawska, L., Mazaheri, M., Clifford, S., Salimi, F., Laiman, R. and Crilley, L. Indoor air pollution sources and exposures in primary schools: UPTECH Synthesis. Indoor Air 2014 Conference, Hong Kong, 7-12 July 2014.

Motzkus, C., Macé, T., Gaie-Levrel, F., Ducourtieux, S., Delvallee, A., Dirscherl, K., Hodoroaba, V.D., Popov, I., Popov, O., Kuselman, I., Takahata, K., Ehara, K., Ausset, P., Maillé, M., Michielsen, N., Bondiguel, S., Gensdarmes, F., Morawska, L., Johnson, G.R., Faghihi, E.M., Kim, C.S., Kim, Y.H., Chu, M.C., Guardado, J.A., Salas, J.A., Capannelli, G., Costa, C., Bostrom, T., Jämting, A.K., Lawn, M.A., Adlem, L.A. and Vaslin-Reimann, S. Size characterization of airborne SiO₂ nanoparticles with on-line and off-line measurement techniques: results of an interlaboratory comparison. Aerosol Technology 2014, Karlsruhe, Germany, 16-18 June 2014.

Crilley, L., Ayoko, G.A., Mazaheri, M. and Morawska, L. Chemical characterization of ambient particles at urban schools to determine the sources of children's exposure. 2nd UK and Ireland Exposure Science Meeting, Manchester Central Convention Centre, Manchester, UK, 4 March 2014.

2013

Buonanno, G., Mazaheri, M., Fuoco, F.C., Clifford, S., Russi, A., Morawska, L., Vigo, P., Jayaratne, E.R. and Viola, A. Alveolar dose

- comparison of ultrafine particles for Australian and Italian children. Proceeding of the 10th Biennial National Conference "Healthy, Wealthy and Safe" Macquarie Park, Sydney Metrology Society of Australia 2013 (MSA2023) Conference, MGSM Executive Conference Centre, Sydney, Australia, 15-17 October 2013.
- Cravigan, L., Mallet, M., Ristovski, Z.D., Vaattovaara, P., Talbot, N., Olivares, G., Harvey, M. and Law, C. Marine Aerosol Hygroscopicity and Volatility, Measured on the Chatham Rise (New Zealand). European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Rahman, M., Pourkhesalian, A., Stevanovic, S., Islam, M.J., Wang, H., Miljevic, B., Pham, X.P., Brown, R.J., Masri, A. and Ristovski, Z.D. Biodiesel with controlled physicochemical properties, a means to further reduce diesel engine particle emissions. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Crilley, L.R., Ayoko, G.A., Stelcer, E., Cohen, D. and Morawska, L. Elemental composition and potential toxicity of airborne particles at some urban schools. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Ayoko, G.A. and Friend, A. Multi-criteria ranking and source apportionment of airborne particles. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Faghihi, E.M., Morawska, L. and He, C. An effort towards understanding the sources of impurities in generating nanoparticles via liquid-phase methods. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Faghihi, E.M., Morawska, L., Johnson, G.R. and Bostrom, T. Validating SMPS-measured size distribution of double-mode spherical Silica nanoparticles by Transmission Electron Microscope (TEM). European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Jayarathne, E.R., Ling, X. and Morawska, L. Diurnal variation of small and large ion concentrations in an urban location. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Mazaheri, M., Clifford, S., Mokhtar, M., Fuoco, F., Buonanno, G. and Morawska, L. Alveolar dose of ultrafine particles for children in urban environments. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Pourkhesalian, A., Stevanovic, S., Rahman, M., Wang, H., Mallet, M., Pham, X. P., Masri, A., Brown, R. and Ristovski, Z.D. Effect of atmospheric ageing on volatility and ROS of biodiesel exhaust nano-particles. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- He, C. and Morawska, L. Spatial variation of air pollutants in a multilevel office building. European Aerosol Conference 2013, Prague, Czech Republic, 1-6 September 2013.
- Johnson, M., Edwards, R., Morawska, L., Nicas, M. and Smith, K.R., Linking stove performance and policy: the emissions model. International Society for Environmental Epidemiology (ISEE) Annual Meeting, 2013.
- Johnson, M., Smith, K.R., Edwards, R., Nicas, M., Morawska, L. and Chiang, R. Linking Household Energy Use with Indoor Air Quality. International Society for Environmental Epidemiology (ISEE) Annual Meeting, 2013.

2012

- Mishra, N., Bartsch, J., Ayoko, G.A. and Morawska, L. Assessment of Volatile Organic Compounds in Urban Schools. 20th Annual RACI Environmental and Analytical Division, R&D Topics Conference, Deakin University, Geelong, Australia. 11-14 December 2012.
- Situ, R., Brown, R.J., Wang, H., Surawski, N. and Ristovski, Z.D. Exit Humidity of Wet Scrubbers for Underground Coal Mines. 18th Australasian Fluid Mechanics Conference, Launceston, Australia, 3-7 December 2012.
- Stevanovic, S., Miljevic, B., Surawski, N.C., Brown, R.J. and Ristovski, Z.D. The influence of oxygenated organic aerosols (OOA) and its volatile organic content on the oxidative potential of diesel particulate matter. Australian and New Zealand Aerosol Workshop, Murrumbidgee, New South Wales, Australia, 26-27 November 2012.
- Duchaine, C., Knibbs, L.D., He, C., Veillette, M., Pelletier, A., Charlebois, R. and Morawska, L. Microbial Content of Vacuum Cleaner Dust and Emitted Bioaerosols. American Association for Aerosol Research (AAAR) 31st Annual Conference, Minneapolis, Minnesota, USA, 8-12 October 2012.
- He, C., Miljevic, B., Crilley, L.R., Morawska, L., Salimi, F., Ayoko, G.A., Bartsch, J. and Uhde, E. Impact of Prescribed Burning on Urban Air Quality: A Case Study. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Morawska, L., Mazaheri, M., Salimi, F., Laiman, R., Crilley, L.R. and Ayoko, G.A. Indoor and Outdoor Particle Concentrations and Elemental and Organic Carbon at 17 Primary Schools. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Stevanovic, S., Miljevic, B., Surawski, N.C., Vaattovaara, P., Brown, R.J. and Ristovski, Z.D. The influence of oxygenated organic aerosols (OOA) and its volatile organic content on the oxidative potential of diesel particulate matter. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Morawska, L., Johnson, G.R., and Bell S.C. Could BFFB mode breath aerosol play a role in H5N1 transmission? European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Salimi, F., Morawska, L., Ristovski, Z.D. and Mazaheri, M. Particle nucleation in urban subtropical atmosphere. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Crilley, L.R., Ayoko, G.A., Jayaratne, E.R. and Morawska, L. Preliminary results on the characterisation of organic aerosols in urban schools by Aerosol Mass Spectrometry. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Guo, L., Morawska, L., Johnson, G.R., Jayaratne, E.R. and Hofmann, W. The effect of charge on ultrafine particle deposition: an experimental pilot study. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Mazaheri, M., Mokhtar, M., Jayaratne E.R. and Morawska L. School Children's Personal Exposure to Ultrafine Particles in Urban Environments. European Aerosol Conference 2012, Granada, Spain, 2-7 September 2012.
- Knibbs, L.D., He, C., Morawska, L. and Duchaine, C. Bacteria emissions from vacuum cleaners: A source of indoor bioaerosol exposure? 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Salonen, H., Lahtinen, M., Lappalainen, S., Nevala, N., Knibbs, L.D., Morawska, L., Reijula, K., Positive impacts of environmental characteristics on health and wellbeing in health-care facilities: A review. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- McGarry, P., Faghihi, E.M., Morawska, L., Determining the Detection Capabilities of Existing Real Time Measurement Techniques for Different Engineered Nanoparticles. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.

- He, C., Crilley, L.R., Ling, X., Morawska, L., Knibbs, L.D., Ayoko, G.A. and Cheung, H.C. The Elemental Composition and Characteristics of Indoor Dust in Brisbane Homes after the 2011 Flood. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Salimi, F., Mazaheri, M. and Morawska, L. Spatial variation of particle number concentration in school microscale environment. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Wang, H., He, C., Morawska, L. and McGarry, P. Printer-generated ultrafine particles: the role of ozone. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Crilley, L.R., Ayoko, G.A., Mazaheri, M. and Morawska, L. Preliminary results on the chemical composition of outdoor airborne particles at urban schools and possible implications for the air quality in classrooms. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Mazaheri, M., Jayaratne, E.R., Mokhtar, M. and Morawska, L. Personal Exposure to Ultrafine Particles at Schools Microenvironment. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Jayaratne, E.R., Ling, X. and Morawska, L. Monitoring Charged Particles in Indoor Air using a Neutral Cluster and Air Ion Spectrometer. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Quang, T.N., He, C., Morawska, L. and Knibbs, L.D. Influence of filtration on I/O particle concentration ratios at urban office buildings. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- He, C., Ling, X., Morawska, L., Salonen, H., Cheung, H.C. and Knibbs, L.D. Investigation of Indoor and Outdoor Particle Concentrations in Brisbane Houses after the 2011 Flood Disaster. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Salonen, H., He, C., Ling, X., Jayasundara, N., Cheung, H.C., Huygens, F., Hargreaves, M. and Morawska, L. Exposure to airborne fungi and bacteria in Brisbane houses after the 2011 flood. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Guo, L., Johnson, G.R., Jayaratne, E.R., and Morawska, L. Experimental study of the effect of charge on ultrafine particle deposition. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Laiman, R., He, C., Morawska, L., Effect of outdoor site location on calculated I/O ratios, 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Mishra, N., Jennifer, B., Ayoko, G.A. and Morawska, L. Airborne concentration of Volatile Organic Compounds in school environment in Brisbane. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Clifford, S., Mazaheri, M., Mengersen, K. and Morawska, L. A method for non-parametric cluster analysis of the health impacts of air quality. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Schnelle-Kreis, J., Abbaszade, G., Qadir, R., Orasche, J., Crilley, L., Morawska, L., Ayoko, G. and Zimmermann, R., 2012. Application of direct thermal desorption gas chromatography time-of-flight mass spectrometry for characterization of organic particulate matter. 10th International Healthy Buildings 2012 Conference, Brisbane, Australia, 9-12 July 2012.
- Clifford, S., Choy, S. L., Mengersen, K. and Morawska, L. Semi-parametric modelling of ultrafine particle number concentration. 9th World Meeting of the International Society for Bayesian Analysis 2012, Kyoto, Japan, 25-29 June 2012.
- Salonen, H., Duchaine, C., Mazaheri, M. and Morawska, L. Exposure to bioaerosols in the school environment in Brisbane, Australia. 30th International Congress on Occupational Health (ICOH2012), Cancun, Mexico, 18-23 March 2012.
- Salonen, H., Duchaine, C., Mazaheri, M., Hargreaves, M. and Morawska, L. Airborne fungal concentration and flora in school environment in Brisbane, Australia. 30th International Congress on Occupational Health (ICOH2012), Cancun, Mexico, 18-23 March 2012.
- Kidd, T.J., Knibbs, L.D., Johnson, G.R., Kattenbelt, J. A., Ramsay, K. A., Wood, M., Beevers, A., O'Rourke, P. K., Wainwright, C. E., Grimwood, K., Sly, P., Morawska, L., Bell, S. C. Viability of *Pseudomonas Aeruginosa* (Pa) in cough aerosols from adult cystic fibrosis (CF) patients. Thoracic Society of Australia and New Zealand ASM, Darwin, Australia, 2012.

2011

- Stevanovic, S.D., Miljevic, B., Surawski, N.C., Bottle, S.E., Ristovski, Z.D., Brown, R.J., Reactive oxygen species (ROS) emissions from diesel engines running on various biofuel percentages. Proceeding of the European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Vaattovaara, P., Cravigan, L., Talbot, N., Olivaresn G., Law, C., Harvey, M., Ristovski, Z.D., A Laaksonen. Secondary organic aerosol on southern Pacific Ocean. Proceeding of the European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Ristovski, Z.D., Cravigan, L., Vaattovaara, P., Talbot, N., Olivares, G., Law, C., Harvey, M., Laaksonen, A., Sea spray aerosol production via bubble bursting during the Surface Ocean Aerosol Production (SOAP) study. Proceeding of the European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Jayaratne, E.R., Mokhtar, M., Morawska, L. and Mazaheri, M. Personal Exposure Assessment of School Children to Airborne Nanoparticles. European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Jayaratne, E.R., Ling, X., He, C. and Morawska, L. Charged Particles from Laser Printers. European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Ristovski, Z.D., Surawski, N., Miljevic, B., Stevanovic, S., Ayoko, G.A., Morawska, L. Elbagir, S., Fairfull-Smith, K.E. and Bottle, S.E. On the influence of biodiesel feedstock on compression ignition particulate emissions. Proceeding of the European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Crilley, L.R., Ayoko, G.A., Mazaheri, M., Johnson, G.R., Morawska, L., Stelcer, E. and Cohen, D. Effect of vehicle emissions on the chemical composition of airborne particulates in urban schools. European Aerosol Conference, Manchester, United Kingdom, 4-9 September 2011.
- Morawska, L., Marks G., Ristovski Z.D., Mengersen K., Mazaheri M., Falk M., Ezz W. N., Robinson P. and Ayoko G. The effect of ultrafine particles from traffic emissions on children's health (UPTECH). Scientific Conference to Launch the Children's Health and Environment Program, University of Queensland, Brisbane, Australia, 5-7 August 2011.
- Knibbs, L.D., and Morawska, L. In-vehicle exposure to ultrafine particles. Proceeding of the 20th Clean Air Society of Australia and New Zealand Conference, Christchurch, New Zealand, 5-8 July 2011.
- Knibbs, L.D. and Morawska L. Road tunnels and in-vehicle ultrafine particle exposure. 20th International Clean Air and Environment

- Conference, Christchurch, New Zealand, 5-8 July 2011.
- McGarry, P., Knibbs, L.D. and Morawska, L. Workplace exposure to nanoparticles produced by nanotechnology processes. 20th International Clean Air and Environment Conference, Christchurch, New Zealand, 5-8 July 2011.
- Morawska, L., Marks, G., Ristovski, Z.D., Mengersen, K., Mazaheri, M., Falk, M., Ezz, W.N., Robinson, P. and Ayoko, G.A. The Relationship between Ultrafine Particles from Traffic Emissions and Children's Health (UPTECH) – Preliminary Exposure Data. 20th International Clean Air and Environment Conference, Christchurch, New Zealand, 5-8 July 2011.
- Quang, T.N., He, C., Morawska, L. and Knibbs, L.D. Vertical and horizontal profiles of ultrafine particles around urban office buildings. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- He, C., Quang, T.N., Morawska, L. and McGarry, P. The Effect of Indoor and Outdoor Particle Sources on Indoor Air Quality of a New Multilevel Office Building in The Vicinity of a Busway. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- He, C., Pereira, M., Morawska, L., Characteristics of Indoor and Outdoor Particles in a Children's Hospital. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Wang, H., He, C., Morawska, L., Nature of printer-generated ultrafine particles and their formation processes. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Knibbs, L.D., Grzybowski, P., He, C., Morawska, L., Bell, S., Lee, C. and Johnson, G.R. Measurements of viable bioaerosols in a large teaching hospital using an Ultraviolet Aerodynamic Particle Sizer (UVAPS). 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- McGarry, P., Knibbs, L.D. and Morawska, L. Comprehensive particle characterization during four nanotechnology processes. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Knibbs, L.D., He, C., Duchaine, C. and Morawska, L. Particle emissions from vacuum cleaners. 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Wang, L. and Morawska, L. How to identify optimal printer location in offices: By CFD modelling or visual assessment and professional judgement? 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Morawska, L., Marks, G., Ristovski, Z.D., Mengersen, K., Mazaheri, M., Falk, M., Ezz, W. N., Robinson, P. and Ayoko, G.A., The Effects of Ultrafine Particles from Traffic Emissions on Children's Health (UPTECH). 12th International Conference on Indoor Air Quality and Climate, Austin, Texas, USA, 5-10 June 2011.
- Knibbs, L.D., Morawska, L., Grzybowski, P. and Bell, S. Room ventilation and the risk of airborne infection transmission in a tertiary hospital. Thoracic Society of Australia and New Zealand Annual Scientific Meeting, Perth, Australia, 2-6 April 2011.
- Knibbs, L.D., Morawska, L. and Bell, S. The risk of airborne influenza transmission in passenger cars. Thoracic Society of Australia and New Zealand Annual Scientific Meeting, Perth, Australia, 2-6 April 2011.

2010

- Buonanno, G., Morawska, L. and Stabile, L. Exposure to welding particles in automotive plants. "Gesellschaft für Aerosolforschung (GAeF)" Conference, 2010.
- Wardoyo, A.Y.P., Morawska, L. and Ristovski, Z.D. Investigation of the Characteristics of Carbon Dioxide (CO₂) Emission from the Combustion of Native Australian Trees. 3rd Climate Change Working Group Conference, United Kingdom, 17-21 December 2010.
- Buonanno, G., Morawska, L., Stabile, L. and Viola, A. Caratterizzazione dimensionale di polveri in pizzerie: livelli di concentrazione e stima dell'esposizione. World PM2010 Congress & Exhibition, Florence, Italy, 10-14 October 2010.
- Buonanno, G., Ficco, G., Morawska, L. and Stabile, L. Particle exposure in a pizzeria furnished only by a wood-fired oven. 61st International Astronautical Congress (IAC 2010), Prague, Czech Republic, 27 September – 1 October 2010.
- Ling, X., Jayaratne, E.R. and Morawska, L. Cluster ion concentrations in some diverse urban locations. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- Morawska, L., Cheung, H.C., Mejia, J. and Ristovski, Z.D. An investigation of nucleation events in the subtropical urban atmosphere of Brisbane. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- He, C., Morawska, L., Wang, H., McGarry, P., Jayaratne, E.R., Johnson, G.R. and Bostrom, T. The impact of fuser roller temperature on laser printer particle emission. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- Jayaratne, R., Ristovski, Z., Meyer, N.K. and Morawska, L. Particle number emissions from diesel and CNG buses during acceleration. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- Surawski, N.C., Miljevic, B., Ristovski, Z.D., Roberts, B.A., Ayoko, G.A. and Elbagir, S. A comparison of the toxicological properties of diesel engine particulate emissions using two injection technologies and three fuels. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- Juwono, A., Mazaheri, M., Johnson, G.R. and Morawska, L. Investigation of the airborne submicrometer particles emitted by dredging vessels using the PCAS plume capture method. International Aerosol Conference, Helsinki, Finland, 29 August – 3 September 2010.
- Dia, H., Smit, R. and Morawska, L. Future Trends in Modelling Road-Based Air Pollutant Emissions and Fuel Consumption. Australian Institute of Traffic Planning and Management National Conference, Brisbane, Australia, 21-23 July 2010.
- Robinson, P., Turner, M., King, G., Brown, N., Morawska, L. and Marks, G. Variability of Respiratory System Impedance in School-Aged Children with Asthma. *Am J Respir Crit Care Med*, 181: A3295, 2010. American Thoracic Society 2010 International Conference, New Orleans, USA. 14-19 May 2010.
- Robinson, P., Salome, C., Hardaker, K., McClean, M., King, G., Morawska, L., Marks, G., and Robinson, P. D. (2010). The Repeatability of Alveolar Nitric Oxide and Bronchial Flux Measured by Offline Nitric Oxide Analysis in Children and Adults. *Am J Respir Crit Care Med*: 181, A2173, 2010. American Thoracic Society 2010 International Conference, New Orleans, USA, 14-19 May 2010.
- Buonanno, G. and Morawska, L. Exposure to welding particles in an automotive plant. American Association for Aerosol Research (AAAR) 2010 Specialty Conference: Air Pollution and Health, Bridging the Gap from Sources to Health Outcomes, Oregon Convention Centre, Portland, Oregon, USA, 22-26 March 2010.
- Buonanno, G., Morawska, L. and Stabile, L. Volatility analysis of ultrafine particles emitted during cooking activities. American Association for Aerosol Research (AAAR) 2010 Specialty Conference: Air Pollution and Health, Bridging the Gap from Sources to Health

2009

- Morawska, L., Wang, H., He, C., Johnson, G.R., Modini, R., McGarry, P., Salthammer, T., Jayaratne, E.R., Bostrom, T., Uhde, E., Ayoko, G.A. and Wensing, M. Ultrafine particles originating from printers and copiers: is it possible to prevent human exposure in the workplace? 27th Annual Conference of the Australian Institute of Occupational Hygienists, Canberra, Australia, 5-9 December 2009.
- Morawska, L., Marks, G., Williams, G., Mengersen, K., Moore, M., Robinson, P., Low Choy, S., Keogh, D., Fletcher, R. and Monk, A. Epidemiological Study of the Effect of Ultrafine Particles from Traffic Emissions on Human Health. 9th Annual PHAA Conference, Canberra, Australia, 28-30 September 2009.
- Morawska, L. Ambient air particulate matter: a cause of airway and systemic disease. EUROTOX 2009 Congress, Dresden Germany, 13-16 September 2009.
- Wang, H., Johnson, G.R., Modini, R., He, C., Morawska, L., Jayaratne, E.R., Salthammer, T., Uhde, E., Bostrom, T., Ayoko, G.A., McGarry, P. and Wensing, M. Hygroscopic and volatility properties of particles emitted by office equipment. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Wang, H., Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Pathways to ultrafine particles generated by laser printers. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Ling, X., Jayaratne, E.R. and Morawska, L. Measurement of Small Ions near a Busy Motorway. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Salthammer, T., Uhde, E., Schripp, T., Wensing, M., He, C. and Morawska, L. Ultrafine particle release from hardcopy devices: comparison of test chamber and real room measurement. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- He, C., Morawska, L., Johnson, G.R., Guo, H., Uhde, E. and Ayoko, G.A. Formation of secondary organic particles in elementary school classrooms. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Morawska, L., Johnson, G.R., Ristovski, Z.D., Hargreaves, M., Mengersen, K., Corbett, S., Chao, C.Y.H., Li, Y. and Katoshevski, D. Investigations into the size distribution of droplets from expiratory activities. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Morawska, L., He, C., Johnson, G.R., Jayaratne, E.R., Salthammer, T., Wang, H., Uhde, E., Bostrom, T., Modini, R., Ayoko, G.A., McGarry, P. and Wensing, M. Science behind particles from printer and copier operation: do we understand it? European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Miljevic, B., Meyer, N., Keller, A., Bartscher, H., Good, J., Doberer, A., Lauber, A., Nussbaumer, T., Heringa, M., Richard, A., DeCarlo, P., Prevot, A., Fairfull-Smith, K., Baltensperger, U., Bottle, S. and Ristovski, Z.D. Oxidative potential of logwood and pellet burning particles assessed by a novel profluorescent nitroxide probe. Proceeding of the European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Miljevic, B., Surawski, N., Situ, R., Fairfull-Smith, J., Bottle, S., Brown, R. and Ristovski, Z.D. Quantification of ROS related to particle emissions generated by a diesel engine using ethanol substitution. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Ling, X., Jayaratne, E.R. and Morawska, L. Dispersion of Corona Ions Downwind from a High-Voltage Power Line. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Morawska, L., Ling, X. and Jayaratne, E.R. Comparison of Particle Number Concentrations between Different Environments. European Aerosol Conference, Karlsruhe, Germany, 6-11 September 2009.
- Ling, X., Jayaratne, E.R. and Morawska, L. Air ion concentrations under overhead power lines. 11th International Conference on Environmental Science and Technology, Crete, Greece, 3-5 September 2009.
- Morawska, L. The relationship between ultrafine particles and health. CASANZ (NSW Branch) Workshop on the Effect of Atmospheric Particles. Singleton, Australia, 14 August 2009.
- Modini, R., Ristovski, Z.D., Johnson, G.R. and He, C. Observation of the Suppression of Water Uptake by Mixed Organic-Sulphate Aerosol Particles. 2nd Integrated Land Ecosystem-Atmosphere Processes Study Science Conference, Melbourne, Australia, 23-28 August 2009.
- Ristovski, Z.D., Suni, T., Kulmala, M., Boy, M., Meyer, N., Turnipseed, A., Morawska, L., Baltensperger, U. and Modini, R. Particle Formation Processes in Eucalypt Forests – The Role of Sulphates and Organics. 2nd Integrated Land Ecosystem-Atmosphere Processes Study Science Conference, Melbourne, Australia, 23-28 August 2009.
- Ristovski, Z.D. New Insight into the Composition and Structure of the Marine Aerosol Nanoparticles. Proceeding of the 18th International Conference on Nucleation & Atmospheric Aerosols (ICNAA2009); Prague, Czech Republic, 10-14 August 2009.
- Modini, R.L., Ristovski, Z.D., Johnson, G.R., He, C. Observation of the Suppression of Water Uptake by Marine Particles. 18th International Conference on Nucleation & Atmospheric Aerosols (ICNAA2009); Prague, Czech Republic, 10-14 August 2009.
- Morawska, L., Marks, G., Williams, G., Mengersen, K., Moore, M., Ristovski, Z.D., Ayoko, G.A., Keogh, D., Hughes, D., Mazaheri, M., Low Choy, S., Fatokun, F., Cortez, A., Robinson, P., Fletcher, R., Woodland, J. Monk, A. Epidemiological Study of the Effect of Ultrafine Particles from Traffic Emissions on Human Health. 9th Annual PHAA State Conference, Queensland University of Technology, Brisbane, Australia, 23-24 July 2009.
- Morawska, L. Secondary particle formation: a complete story of printer emissions. 5th Australia New Zealand Aerosol Seminar, Auckland, New Zealand, 21-23 July 2009.
- Morawska, L., Ristovski, Z.D., Cheung, H.C. and Mejia, J. Particle nucleation in subtropical urban environment. 5th Australia New Zealand Aerosol Seminar, Auckland, New Zealand, 21-23 July 2009.
- Morawska, L. Characterisation of Particle Emissions, International Conference on Indoor Air Quality: For a healthy environment indoors, Berlin, Germany, 23-24 June 2009.
- Surawski, N.C., Miljevic, B., Roberts, B.A., Bodisco, T.A., Situ, R., Brown, R.J., Bottle, S.E. and Ristovski, Z.D. Particulate emissions from a dual-fuel compression ignition engine utilising ethanol fumigation. 13th ETH Conference on Combustion Generated Nanoparticles, ETH Zurich, Switzerland, 22-24 June 2009.

2008

- Salthammer, T., Schripp, T., Uhde, E., Wensing, M., McGarry, P., He, C. and Morawska, L. Chemical and Physical Characterization of Particles Emitted from Hardcopy Devices. International Society for Environmental Epidemiology & International Society of Exposure Analysis. Joint Annual Conference, Pasadena, CA, 12-16 October 2008.
- Modini, R.L., Ristovski, Z.D., Fletcher, C.A., Johnson, G.R., He, C., Morawska, L. Online characterisation of the composition and mixing state of marine aerosol particles using the VHTDMA technique: A summary of measurements from three diverse coastal environments. 10th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Annecy, France, 7-12 September 2008.
- Wardoyo, A., Morawska, L., Ristovski, Z.D., Jamriska, M. and Carr, S. Particle Characteristics Emitted from Grass Fires in the Northern Territory, Australia. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Miljevic, B., Fairfull-Smith, K.E., Bottle, S.E. and Ristovski, Z.D. The application of profluorescent nitroxides to detect reactive oxygen species derived from combustion-generated particulate matter: Cigarette smoke – a case study. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Miljevic, B., Modini, R.L. and Ristovski, Z.D. Efficiency of impingers with fritted nozzle for collection of ultrafine particles. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Ristovski, Z.D., Ross, A. and Modini, R.L. Nanosize effect on the efflorescence of ammonium sulphate particles. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Modini, R.L., Ristovski, Z.D., Johnson, G.R., Ovadnevaite, J., Plauškaitė, K. and Čeburnis, D. Primarily generated 80-100nm in situ sea salt particles: Quantification of their organic volume fraction and investigation of their hygroscopic properties. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Modini, R., Ristovski, Z.D., Johnson, G.R., He, C., Morawska, L. and Suni, T. Physicochemical characterisation of nucleation mode particles observed at a remote coastal site (Agnes Water) on the east coast of Australia. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Modini, R., Ristovski, Z.D., Johnson, G.R., He, C. and Morawska, L. Apparent suppression of water uptake by SOA coated sulphate particles from the nucleation and Aitken modes at a remote coastal site on the east coast of Australia. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Mazaheri, M., Johnson, G.R. and Morawska, L. Quantification of Aircraft Emissions during Ground Level Operations. European Aerosol Conference, Thessaloniki, Greece, 24-29 August 2008.
- Mazaheri, M., Johnson, G.R. and Morawska, L. Measurement of Particle Size Distribution of Commercial Aircraft Emissions. 9th International Conference on Carbonaceous Particles in the atmosphere (ICCPA), Berkeley, California, USA 12-14 August 2008.
- Mazaheri, M., Johnson, G.R. and Morawska, L. Application of the PCAS Technique for the Remote Characterization of Aircraft Engine Emissions. 9th International Conference on Carbonaceous Particles in the atmosphere (ICCPA), Berkeley, California, USA 12-14 August 2008.
- Wang, L. and Morawska, L. Analysis of Particle Number Concentration in a Mechanically Ventilated Office Equipped with a Printer. 11th International Conference on Indoor Air Quality and Climate, Copenhagen, Denmark, 17-22 August 2008.
- Miljevic, B. The application of profluorescent nitroxide to detect reactive oxygen species derived from combustion-generated particulate matter cigarette smoke - a case study. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Mazaheri, M. A New Method for Quantification of Aircraft Emission Factors. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Mazaheri, M. Particle and Gaseous Emissions from Commercial Aircraft at Each Stage of the Landing and Takeoff (LTO) Cycle. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Modini, R. Investigation of the role of organics in the marine aerosol through application of the Volatility-HTDMA (VHTDMA) technique. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Morawska, L. Characteristics of droplets generated by human expiration. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Morawska, L. Formation mechanisms of particles originating from the operation of laser printers. Australian New Zealand Aerosol Seminar, Sydney, Australia, 16-18 July 2008.
- Duigu, J., Ayoko G.A. & Kokot, S. The Effects of Building Characteristics on the Chemical Composition of Surface Films on Residential Glass Windows. Proceeding of the First International Conference on Building Energy and Environment, Dalian, China, 13-16 July 2008.
- Keogh, D., Ferreira, L. and Morawska, L. Development of a particle number and particle mass emissions inventory for an urban fleet. 18th Coordinating Research Council On-Road Vehicle Emissions Workshop, San Diego, USA, 31 March – 2 April 2008.

2007

- J-Fatokun, F. Airborne particles and ion concentration levels in the environment of a strong corona ion emitting source. European Aerosol Conference, Salzburg, Austria, 9-14 September 2007.
- J-Fatokun, F. Application of Aerosol Electrometer for ambient particle charge measurements. European Aerosol Conference, Salzburg, Austria, 9-14 September 2007.
- Morawska, L. From nanoparticles to large expiratory droplets in Indoor Air. European Aerosol Conference, Salzburg, Austria, 9-14 September 2007.
- Keogh, D. Emission Factors for Estimating Motor Vehicle Particle Emissions in Urban Areas. 14th IUAPPA World Clean Air and Environmental Protection Congress, Brisbane, Australia, 9-13 September 2007.
- Mazaheri, M. A New Method for Quantification of Aircraft Emission Factors. 14th IUAPPA World Clean Air and Environmental Protection Congress, Brisbane, Australia, 9-13 September 2007.
- Ristovski, Z.D. On-Road Rapid Identification of High-Polluting Transport Buses. 14th IUAPPA World Clean Air and Environmental Protection Congress, Brisbane, Australia, 9-13 September 2007.
- Morawska, L. How to Identify and Manage Indoor Air Problems. WorkAir, Helsinki, Finland, 29-31 May 2007.

- Ristovski, Z.D. Formation (Emission) of Nanoparticles in Exhaust of Motor Vehicles. 1st International WeBIOPATR Workshop, Belgrade, Serbia, 20-22 May 2007.
- Morawska, L. Spatial and Temporal Variation in PM Characteristics in Urban Environment. 1st International WeBIOPATR Workshop, Belgrade, Serbia, 20-22 May 2007.
- Morawska, L. World Health Organization and Lao PDR study on the Effects of Indoor Air Pollution on Health Conference for Environment and Health in Asia, Seoul, Korea, 7-8 May 2007.

2006

- Ristovski, Z.D., Wardoyo, A.Y.P., Morawska, L., Carr, S., Jamriska, M. and Johnson, G. Airborne Measurements of Particles from Biomass Burning in Northern Territory, Australia. International Aerosol Conference, St. Paul, Minnesota, USA, 8-9 September 2006.
- Wardoyo, A.Y.P., Morawska, L., Ristovski, Z.D. and Marsh, J. Particle Emissions from Biomass Burning. International Aerosol Conference, St. Paul, Minnesota, USA, 8-9 September 2006.
- Morawska, L. Indoor Aerosols: Do we need more data or more Science? 11th International Health Symposium: Environmental Health, Climate Change and Sustainability, Brisbane, Australia, 20-24 November 2006.
- Morawska, L., Hargreaves, M., Ristovski, Z.D., Guo, H., Corbett, S. and Smith, G. The Impact of the Measuring Method on Droplet Detection from Human Expiration. Proceeding of the Healthy Buildings 2006 Conference, Lisbon, Portugal, 4-8 June 2006.
- Morawska, L. Guidelines on Building Design and Operation to Minimise Air Quality Impacts from Major Roads in Transit Oriented Development. Proceeding of the Healthy Buildings 2006 Conference, Lisbon, Portugal, 4-8 June 2006.
- Morawska, L. Transmission Mechanisms of Infectious Diseases. American Industrial Hygiene Association: Indoor Air Quality Symposium, Chicago, Illinois USA, 14 May 2006.

2005

- Smith, J. Indoor fungal bioaerosols in the USA and Australia: Issues, methods and limits. New Zealand Society for Microbiology (AGM), Dunedin, New Zealand, 23-25 November 2005.
- Zare, A., Bodisco, T.A., Rahman, M.M., Ristovski, Z.D. and Brown, R.J. The effect of transient operation on diesel particulate emission. European Aerosol Conference, Milan, Italy, 6-11 September 2005.
- He, C., Morawska, L. and Gilbert, D. A Study on Particle Deposition Rates in Residential Houses. Indoor Air Quality and Climate Conference, Beijing, 4-9 September 2005.
- Agronovski, V. and Ristovski, Z.D. Determination of the number of individual bacterial cells in aerosol particles with the UVAPS. European Aerosol Conference, Ghent, Belgium, 29 August – 2 September 2005.
- Agronovski, V. and Ristovski, Z.D. Investigation of linearity of the UVAPS fluorescent signals. European Aerosol Conference, Ghent, Belgium, 29 August – 2 September 2005.
- Meyer, N. Analysis of the Volatile and Hygroscopic Properties of Diesel Nanoparticles. 9th Combustion Generated Nanoparticle Conference, Zurich, 15-17 August 2005.

2004

- Yip, M., Madl, P., Wiegand, A., Morawska, L. and Hofmann, W. Exposure Assessment of Diesel Bus Emissions. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Rettenmoser, T., Kagerer, S., Hofmann, W., Steger, F., Ristovski, Z.D. and Morawska, L. Radon Progeny Concentrations and Size Distributions in Urban and Alpine Environments. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Morawska, L., Ristovski, Z.D. and Johnson, G.R. On-Road Sampling Technique for Vehicle Emission Measurements. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Morawska, L., Johnson, G.R., Ristovski, Z.D., He, C., Ayoko, G.A. and Lim, M. Emission and Dispersion of Submicrometer Particles from an Industrial Facility. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Hofmann, W., Winkler-Heil, R. and Morawska, L. Determination of Dynamic Shape Factors of Nanoparticle Aggregates from Fractional Deposition Data. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Agronovski, V., Ristovski, Z.D., Blackall, P. and Morawska, L. Field evaluations of the UVAPS performance. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Johnson, G.R., Ristovski, Z.D., D'Anna, B. and Morawska, L. VH-TDMA Physicochemical Characterisation of Coastal Nucleation, Aitken and Accumulation Mode Particles. European Aerosol Conference, Budapest, Hungary, 6-10 September 2004.
- Robertson, S., Duigu, J. and Ayoko, G.A. Characterisation of pollutants in residential house dust in Brisbane. Interact Handbook, Gold Coast, Australia 4-8 July 2004.
- Dai, X., Jeffrey, M. and Breuer, P. The flow through cell designed for the online analysis of free cyanide and copper cyanide concentrations, Interact Handbook, Gold Coast, Australia 4-8 July 2004.
- Purcell, D., O'Shea, M. and Kokot, S. Predictive Tools to Improve Sugarcane Breeding and Selection Outcomes, Interact Handbook, Gold Coast, Australia 4-8 July 2004.
- Lim, M., Ayoko, G.A. and Morawska, L. PAHs and Elemental compositions in road dusts as the indication of vehicular pollution. Interact Handbook, Gold Coast, Australia 4-8 July 2004.
- Lim, M., Ayoko, G.A., Ristovski, Z.D., Jayaratne, R. and Morawska, L. Multivariate analysis of the emission of polycyclic aromatic hydrocarbons from buses powered by low and ultra low sulphur diesel fuels. Interact Handbook, Gold Coast, Queensland, Australia 4-8 July 2004.
- Robertson, S., Duigu, J. and Ayoko, G.A. Characterisation of pollutants in residential house dust in Brisbane, Interact Handbook, Gold Coast, Queensland, Australia 4-8 July 2004.
- Ayoko, G.A., Blinco J. & Uhde, E. Multivariate analysis of airborne pollutants in the interiors of private passenger vehicles. Interact Handbook, Gold Coast, Queensland, Australia 4-8 July 2004.
- Roberson, S., Duigu, J. and Ayoko, G.A. Characterisation of pollutants in residential house dust in Brisbane. Interact Handbook, Gold Coast, Queensland, Australia 4-8 July 2004.

2003

- De Dear, R., Bergman, B., Morawska, L. and Cena, K. A review of quantitative approaches to linking human productivity to indoor air quality. Proceedings of the International Conference on Smart and Sustainable Built Environment (SASBE 2003), Brisbane, Australia, 19-21 November 2003.
- Johnson, G.R., Ristovski, Z.D. and Morawska, L. Demonstration of a volatility / hygroscopicity TDMA (VH-TDMA) system for characterising submicrometer ambient aerosols. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Johnson, G.R., Ristovski, Z.D. and Morawska, L. Application of a TDMA system combining volatilisation and hygroscopic growth to the characterisation of nucleation burst particles in a subtropical coastal marine environment in Australia. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Agranovski, V., Ristovski, Z.D., Hargreaves, M., Blackall, P. and Morawska, L. Effect of physiological age of bacteria on the UVAPS performance. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Agranovski, V., Ristovski, Z.D., Ayoko, G.A. and Morawska, L. Performance evaluating study on the UVAPS: Relative fluorescence of NADH and NADPH coenzymes. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Gramotnev, G., Ristovski, Z.D., Morawska, L. and Thomas, S. Statistical analysis of correlations between air pollution in the city area and temperature and humidity. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Hofmann, W., Morawska, L., Hitchins, J. and Ahmed, M. Total deposition of combustion aerosols in human respiratory tract: Comparison between experimental results and model prediction. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Lim, M., Ayoko, G.A. and Morawska, L. Atmospheric contribution of polycyclic aromatic hydrocarbons and elemental composition in an urban precinct. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Ayoko, G.A., Morawska, L., Ristovski, Z.D., Jayaratne, E.R., Lim, M. and Kokot, S. Multivariate modelling and prediction of aerosol emission from diesel engines. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.
- Gramotnev, G., Ristovski, Z.D., Brown, R., Morawska, L. and Madl, P. A new method of determination of emission factors with of vehicles on a busy road. European Aerosol Conference, Madrid, Spain, 31 August – 5 September 2003.

2002

- Morawska, L., He, C., Hitchins, J. and Gilbert, D. Indoor particle mass and number characteristics. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Agranovski, V., Ristovski, Z.D., Hargreaves, M. and Morawska, L. Effect of bacterial injury on fluorescent signal of the UVAPS. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Agranovski, V., Ristovski, Z.D., Hargreaves, M. and Morawska, L. Effect of particle size on fluorescent signal of the UVAPS. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Gramotnev, G., Thomas, S., Morawska, L. and Ristovski, Z.D. Canonical correlation analysis of fine particle and gaseous pollution in the city area. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Gramotnev, G., Brown, R., Ristovski, Z.D., Hitchins, J. and Morawska, L. Dispersion of fine and ultra-fine particles from busy road: the comparison of experimental and theoretical results. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Ayoko, G.A., Morawska, L., Jamriska, M., Lim, M. and Gilbert, D. Characterisation of aerosols in the ambient air of a fly ash brick factory. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Ayoko, G.A., Morawska, L., Ristovski, Z.D., Jayaratne, E.R., Lim, M. and Kokot, S. Aerosol emission from diesel-powered vehicles: A multivariate analysis of the contributory factors. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Agranovski, V., Ristovski, Z.D., Hargreaves, M. and Morawska, L. Real-time monitoring of bacterial aerosols: performance evaluation of the UVAPS. 6th International Aerosol Conference, Taipei, Taiwan, 8-13 September 2002.
- Agranovski, I.E., Agranovski, V., Grinshpun, S.A., Willeke, K. and Reponen T. New personal sampler for viable airborne microorganisms. *Proceeding of the Australian Hygiene Conference (AIOH)*, Wollongong, Australia, 2002.
- Lim, M., Ayoko, G.A., Kokot, S., Morawska, L., Ristovski, Z.D. and Jayaratne, R. Emission of inorganic elements from passenger cars running on LPG and ULP fuels: A multivariate data analysis. The Royal Australian Chemical Institute, The Australasian Society of Ecotoxicology and The International Chemometrics Society, Sydney, Australia, 2002.

2001

- Blackall P.J., Chinivasagam, H.N., Casey, K., McGahan, E., Gardner, E.A., Vieritz, A., Ristovski, Z.D. and Agranovski, V. An evaluation of the effect of flushing with effluent on the bacterial load in the air of Queensland piggeries. Queensland Pig Science Seminar, 2001.
- Agranovski, I., Agranovski, V., Grinshpun, S., Reponen, T. and Willeke, K. New personal sampler for viable bioaerosol particles. European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.
- Agranovski, I., Agranovski, V., Grinshpun, S., Reponen, T. and Willeke, K. New method of collection of viable airborne microorganisms. European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.
- Ayoko, G.A., Colwell, J. and Morawska, L. A chemical analysis of organic aerosols near a busy road junction in Brisbane, Australia. European Aerosol Conference, Leipzig, Germany, 3-7 September 2001.
- Ayoko, G.A., Lim, M., Morawska, L. and Gilbert, D. A convenient vibrational spectroscopic method for estimating bulk quartz in fly ash products? 4th Australian Conference on Vibrational Spectroscopy, Brisbane, Australia, 11 July 2001.
- Ayoko, G.A., Morawska, L., Kokot, S. and Gilbert, D. Multivariate data analysis of air quality in residential environments. World Chemistry Congress, Brisbane, Australia, 1-6 July 2001.
- Lim, M., Ayoko, G.A., Morawska, L., Ristovski, Z.D. and Jayaratne, E.R. Effect of fuel composition and engine operating parameters on the emission factors of polycyclic aromatic hydrocarbons from in-service vehicles. World Chemistry Congress, Brisbane, Australia, 1-6 July 2001.
- Morawska, L. and Hofmann, W. Differences between the outcomes from experimental and theoretical studies on the deposition of combustion aerosols in the human respiratory tract. The Australian & New Zealand Society of Respiratory Science: Annual Scientific Meeting, Brisbane, Australia, 16-19 March 2001.

1999

Kagerer, S.T., Rettenmoser, T., Winkler, R., Lettner, H., Hofmann, W., Rolle, R., Steger, F., Jamriska, M. and Morawska, L. Measurement of radon progeny size distribution and unattached fractions in the Thermal Gallery of Badgastein. IRPA Regional Congress on Radiation Protection, Budapest, Hungary, 22-27 August 1999.

1998

Jeffries, C and Morawska, L. Characterisation of radioactivity carrying aerosol in a mineral sand processing plant. SPERA Conference: Radioactivity and Environment, Christchurch, New Zealand, 16-20 February 1998.

Gilbert, D. and Morawska, L. Towards a healthier and ecologically sustainable built environment. Buildings and Environment in Asia Conference. Singapore, 11-13 February 1998.

Morawska, L. and Gilbert, D. Submicrometer particulate concentrations within the indoor environment with a focus on exposure assessment and control. Buildings and Environment in Asia Conference, Singapore, 11-13 February 1998.

1997

Dharmasiri, J.K. and Morawska, L. Murray-Darling Workshop, Toowoomba, August 1997.

1994

Morawska, L. and Jamriska, M. Time evolution of environmental tobacco smoke and other combustion aerosols. 12th International Conference of the Clean Air Society of Australia and New Zealand, Perth, October 1994.

Dharmasiri, J.K, Morawska, L. and Hillier, J. Isotope studies on groundwater recharge to alluvial aquifers in Gatton, Queensland. 5th Australian Conference on Isotopes in the Environment, Brisbane, 6-8 April 1994.

Morawska, L. and Jeffries, C. Concentration and distribution of radium in mineral grains of zircon, ilmenite, monazite and rutile. 5th Australian Conference on Isotopes in the Environment, Brisbane, 6-8 April 1994.

Morawska, L. Interactions of radon progeny with atmospheric aerosols. Radon in Australia: Symposium, Canberra, Australia, February 1994.

1993

Morawska, L. and Jeffries, C. Distribution of radium in mineral grains and its potential effect on radon emanation. 1st International Workshop on Indoor Radon Remedial Action, Rimini, Italy, 27 June – 2 July 1993.

1992

Morawska, L. Interaction of radon progeny and the environment and implications as to the resulting radiological health hazard. International Symposium of Radon and Radon Reduction Technologies, Springfield, VA, USA, 1992.

Wendorf, F., Schild, R., Close, A., Schwarcz, H., Miller, G., Grun, R., Bluszcz, A., Stokes, S., Morawska, L., Huxtable, J. and McKinney, C. A chronology for the middle and late pleistocene wet episodes in the Eastern Sahara. East Mediterranean Dating Symposium, Tucson, USA, 1992.

Morawska, L. Significance of size characterisation of atmospheric pollutants. 11th International Conference of the Clean Air Society of Australia and New Zealand, Brisbane, 5-10 July 1992.

Reports – World Health Organization

2025

WHO (inc. Morawska, L.), Fundamental questions and principles for action from the Particle pathway, sixth Workplace and Indoor Aerosols Conference. Meeting report, Gaeta, Italy, 6–8 May 2025. <https://iris.who.int/items/9fb7d176-f661-4461-a018-043b8042eedc>

2024

WHO (inc. Morawska, L.), Effects of air pollution on health. Report of the Joint Task Force on the Health Aspects of Air Pollution on its twenty-seventh meeting. Prepared for the Economic Commission for Europe, Executive Body for the Convention on Long-range Transboundary Air Pollution. World Health Organization. ECE/EB.AIR/GE.1/2019/17, November 2024. <https://www.who.int/europe/groups/joint-task-force-on-the-health-aspects-of-air-pollution/meeting-reports-of-the-joint-task-force-on-health-aspects-of-air-pollution>

WHO (inc. Morawska, L.), Indoor airborne risk assessment in the context of SARS-CoV-2: description of airborne transmission mechanism and method to develop a new standardized model for risk assessment. World Health Organization. License: CC BY-NC-SA 3.0 IGO, 2024. <https://iris.who.int/handle/10665/376346>

WHO 'Through-the-air transmission (TTAT)' Technical Consultation Group (inc. Morawska, L.), Global technical consultation report on proposed terminology for pathogens that transmit through the air. World Health Organization. ISBN: 978-92-4-008918-1, April 2024. <https://www.who.int/publications/m/item/global-technical-consultation-report-on-proposed-terminology-for-pathogens-that-transmit-through-the-air>

2022

WHO (inc. Morawska, L.), Dietary and inhalation exposure to nano- and microplastic particles and potential implications for human health. World Health Organization, Geneva, Switzerland. License: CC BY-NC-SA 3.0 IGO, 2022. <https://iris.who.int/bitstream/handle/10665/362049/9789240054608-eng.pdf?sequence=1>

2021

WHO (inc. Morawska, L.), WHO global air quality guidelines: particulate matter (PM_{2.5} and PM₁₀), ozone, nitrogen dioxide, sulfur dioxide and carbon monoxide. World Health Organization Regional Office for Europe, ISBN 9789240034211, 2021. License: CC BY-NC-SA 3.0 IGO. <https://apps.who.int/iris/handle/10665/345329>

2019

WHO WPRO (inc. Morawska, L.), Regional Report (portion): Air Quality and Health in the Western Pacific Region. World Health Organization Western Pacific Regional Office (WPRO), produced by Thematic Working Group for Air Quality, 2019.

2014

WHO (Morawska, L. and 57 co-authors and contributors), WHO Guidelines for Indoor Air Quality: Household Fuel Combustion, World Health Organization Regional Office for Europe, ISBN 978 92 4 154887 8, 2014. <https://www.who.int/publications/i/item/9789241548885>

2010

WHO (Morawska, L. and 57 co-authors and contributors), WHO Guidelines for Indoor Air Quality: Selected Pollutants. World Health Organization Regional Office for Europe, ISBN 978 92 890 0213 4, 2010. <https://www.who.int/publications/i/item/9789289002134>

2009

WHO (Morawska, L. and 36 co-authors and contributors), WHO Guidelines for Indoor Air Quality: Dampness and Mould. World Health Organization Regional Office for Europe, Edited by: Elisabeth Heseltine and Jerome Rosen. ISBN 798 92 890 4168 3, 2009. <https://www.who.int/publications/i/item/9789289041683>

Nevalainen, A. and Morawska, L. (Eds.) Biological Agents in Indoor Environments: Assessment of Health Risks (Based on work conducted by a WHO Expert Group between 2000-2003). Prepared for the WHO, April 2009.

2006

WHO (Morawska, L. and co-authors and contributors), WHO Guidelines for Air Quality. World Health Organization Regional, Geneva, 2006. <https://www.who.int/publications/i/item/WHO-SDE-PHE-OEH-06.02>

2002

WHO (edited by Schwela, D., Morawska, L. and Kotzias, D.), WHO Guidelines for Concentration and Exposure-Response Measurements of Fine and Ultrafine Particulate Matter for use in Epidemiological Studies, World Health Organization Regional Office for Europe, 2002. <https://iris.who.int/handle/10665/67338>

1996

WHO (Morawska, L. and co-authors and contributors), WHO Guidelines for Dust Prevention in Workplaces, 1996.

Reports – Commercial & Other

2025

The Australian Academy of Science inc. Morawska, L. Indoor air; The science of indoor air and pathways to improve indoor air quality in Australia. ISBN 978-0-85847-894-7; November 2025. <https://doi.org/10.82202/2wqh-zh14>

Miller, W. and Morawska, L. State of Indoor Air in Australia 2025. Prepared for the ARC Training Centre for Advanced Building Systems Against Airborne Infection Transmission (Thrive), October 2025. <https://thriveiaq.com/our-impact/state-of-indoor-air-in-australia-report-2025/> (13/10/2025).

2024

Kokogiannakis, G., Kempton, L., Cooper, P., Daly, M., Burt, N., Gardner, T., Green, D., Harwood, I., Lupton, D., Majumdar, S., Monty, J., Morawska, L. and Schofield, R. The impact of Indoor Air Quality on the transmission of airborne viral diseases in public buildings: a systematic review of evidence. Prepared for the National Science and Technology Council, May 2024. <https://www.chiefscientist.gov.au/news-and-media/indoor-air-quality-impact-viral-transmission> (27/08/2024).

WMO, UN-EP, IGAC (inc. Morawska, L. and Jayaratne, E.R.), Integrating Low-Cost Sensor Systems and Networks to enhance Air Quality Applications. World Meteorological Organization, GAW Report No. 293, 2024. <https://library.wmo.int/records/item/68924-integrating-low-cost-sensor-systems-and-networks-to-enhance-air-quality-applications> (17/06/2024).

2023

OECD inc. Morawska, L. Understanding and Applying the Precautionary Principle in the Energy Transition, OECD Publishing, Paris, 2023. <https://doi.org/10.1787/5b14362c-en>

2022

Kumar, P., Abbass, R.A., Abulude, F.O., Adelodun, A.A., Aghamohammadi, N., Andrade, M.F., Asfaw, A., Aziz, K.H., Castañeda, D.M.A., Cao, S.J., deSouza, P., El-Gendy, A., Gurjar, B.R., Fankam, B.T., Hama, S., Jain, S., Kakosimos, K.E., Khan, A.A., Khare, M., Khaiwal, R., Kota, S., Larrahondo, J.S., McNabola, A., Mor, S., Morawska, L., Muula, A.S., Nardocci, A.C., Ngowi, A.V., Nogueira, T., Olaya, Y., Omer, K., Osano, P., Pant, P., Parikh, P., Rojas, N., Salam, A., Shiva Nagendra, S.M., Wu, H.W., 2023. Mitigating Exposure to Cooking Emissions in Kitchens of Low-Middle Income Homes – A guide for Home Occupants, Owners, Builders & Local Councils. pp. 24. <https://doi.org/10.15126/900568> (03/02/2023).

Allen, J.G., Cao, X., Cadet, L.R., Chen, Y., Corsi, R., Grier, K., Levinson, M., Li, Y., Macomber, J., Marr, L., Michaels, D., Miller, S., Morawska, L., Munro, A., Pollock, N., Rainbolt, M., Azimi, P., Keshavarz, Z. and Jones, E. Proposed Non-infectious Air Delivery Rates (NADR) for Reducing Exposure to Airborne Respiratory Infectious Diseases. The Lancet COVID-19 Commission, Task Force on Safe Work, Safe School, and Safe Travel, November 2022. <https://static1.squarespace.com/static/5ef3652ab722df11fcb2ba5d/t/637740d40f35a9699a7fb05f/1668759764821/Lancet+Covid+C+ommission+TF+Report+Nov+2022.pdf> (05/12/2022).

Allen, J.G., Jones, E., Rainbolt, M.V., Marr, L.C., Michaels, D., Cadet, L.R., Miller, S.L., Levinson, M., Morawska, L., Corsi, R.L., Pollock, N.R., Li, Y., Munro, A.P.S., Grier, K., Chen, Q., Macomber, J.D. and Cao, X. The First Four Healthy Building Strategies Every Building Should Pursue to Reduce Risk from COVID-19. The Lancet COVID-19 Commission, Task Force on Safe Work, Safe School, and

Safe Travel, July 2022.

https://static1.squarespace.com/static/5ef3652ab722df11fcb2ba5d/t/62c87da27d568623d2b6ce0e/1657306531592/HPH-18706_LancetLessons_HealthyBuildings_HighRes-2.pdf (17/07/2022).

2021

Morawska, L. and Jayaratne, E.R. Analysis of Available Air Quality Data and Potential Sources/Sectors and Identification of Promising Air Quality Measures in Lao PDR. Prepared for the International Centre for Environmental Management, Asia Development Bank, November 2021.

Baxter, N., Crabb, B., Cole, K., Davidson, A., Pulver, L.J., Flanagan, A., Kelly, G., Lokuge, K., Marks, G.B., Monty, J., McEniery, J., McLean, K., McAlpine, K., Morawska, L., Phelps, K., Schofield, R., Powers, K., Seale, H., and Veness, B., Protecting children from COVID-19 and making schools and childcare safer. OzSAGE, 1 October 2021. <https://ozsage.org/s/21-10-Children-and-schools-V12.pdf> (28/10/2024).

Crabb, B., Doolan, C., Cole, K., Hanmer, G., Marks, G.B., Miller, A., Monty, J., Morawska, L. and De Silva, C. Safe Indoor Air (Ventilation) Recommendations. OzSAGE, 6 September 2021. <https://ozsage.org/s/21-09-Safe-Indoor-Air-advice.pdf> (28/10/2024).

Corsi, R., Miller, S.L., VanRy, M.G., Marr, L.C., Cadet, L.R., Pollock, N.R., Michaels, D., Jones, E.R., Levinson, M., Li, Y., Morawska, L., Macomber, J. and Allen, J.G. Designing infectious disease resilience into school buildings through improvements to ventilation and air cleaning. The Lancet COVID-19 Commission, Task Force on Safe Work, Safe School, and Safe Travel, April 2021. <https://static1.squarespace.com/static/5ef3652ab722df11fcb2ba5d/t/608839f6d2394f40306d1e5d/1619540471284/Safe+Work+TF+Designing+infectious+disease+resilience+April+2021.pdf> (28/04/2021).

Allen, J.G., Cadet, L.R., Cao, X., Chen, Q., Corsi, R., Jones, E.R., Levinson, M., Li, Y., Macomber, J., Michaels, D., Morawska, L., Munro, A., Pollock, N.R., VanRy, M. and Miller, S.L. Building-related risk factors are a critical, but missing, component of SARS-CoV-2 outbreak investigations. The Lancet COVID-19 Commission, Task Force on Safe Work, Safe School, and Safe Travel, March 2021. <https://static1.squarespace.com/static/5ef3652ab722df11fcb2ba5d/t/604bf19f7da50a5023d24e60/1615589791861/Safe+Work+TF+Building+Outbreaks+March+2021.pdf> (22/03/2021).

2019

Cassee, F.R., Morawska, L. and Peters, A. White Paper: Ambient ultrafine particles: evidence for policy makers. Prepared for the European Federation of Clean Air and Environmental Protection Associations (EFCA), 29 October 2019. [https://efca.net/files/WHITE%20PAPER-UFP%20evidence%20for%20policy%20makers%20\(25%20OCT\).pdf](https://efca.net/files/WHITE%20PAPER-UFP%20evidence%20for%20policy%20makers%20(25%20OCT).pdf) (28/10/2021).

2017

Morawska, L., McGarry, P., Morris, H. Strategies, techniques and sampling protocols for determining the concentrations of manufactured nanomaterials in air at the workplace. Series on the Safety of Manufactured Nanomaterials No. 82, Organization for Economic Co-operation and Development (OECD) Environment, Health and Safety Publications, October 2017. [http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/jm/mono\(2017\)30&doclanguage=en](http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/jm/mono(2017)30&doclanguage=en) (29/11/2017).

2015

Drew, R., and Hagen, T. Engineered Nanomaterials: An Update on the Toxicology and Work Health Hazards. Prepared for Safe Work Australia, January 2015. <http://www.safeworkaustralia.gov.au/sites/SWA/about/Publications/Documents/899/engineered-nanomaterials-update-toxicology.pdf> (06/02/2015).

2013

Morawska, L. and He, C. Investigation of Air Quality at Lithgow Correctional Centre, Prepared for Corrective Services NSW, Department of Justice and Attorney General, February 2013.

Wang, H., Mazaheri, M., He, C. and Morawska, L. Long Term Investigation of Air Quality at Brisbane State High School, Prepared for the Queensland Department of Education, Training and Employment (DETE), Queensland Government, August 2013.

2012

Morawska, L., McGarry, P., Morris, H., Knibbs, L.D., Bostrom, T. and Capasso, A., Measurements of Particle Emissions from Nanotechnology Processes, with Assessment of Measuring Techniques and Workplace Controls, Prepared for Safe Work Australia, September 2012.

http://www.safeworkaustralia.gov.au/sites/SWA/about/Publications/Documents/714/Measurements_Particle_Emissions_Nanotechnology_Processes.pdf (19/02/2014).

2011

Morawska, L., McGarry, P., Knibbs, L.D. and Bostrom, T. Investigation into the characteristics, transport, and fate of particles generated from nanotechnology processes and an intercomparison of SMPS, Nanoparticle Surface Area Monitor, CPC, OPC, DustTrak, SEM. Prepared for Safe Work Australia, December 2011.

Morawska, L. and He, C. Investigation of Air Quality at the Neville Bonner Building, 75 William Street, Brisbane. Prepared for the Queensland Department of Public Works, April 2011.

Morawska, L., McGarry, P., He, C., Jayaratne, E.R., Falk, M. and Wang, L. Nanoparticles from Printer Emissions in Workplace Environments. Prepared for Safe Work Australia, April 2011.

2010

Morawska, L., Johnson, G.R., Mazaheri, M. and Juwono, A. Airborne Emissions: Port of Brisbane, Fisherman Islands – Major Source Emission Factor Measurement Study (Emissions from the dredgers 'Amity' and 'Brisbane'). Prepared for Port of Brisbane Corporation, April 2010.

2009

Morawska, L., Johnson, G.R. and Mazaheri, M. Air Quality Impact of Aircraft Ground Running Procedures. Prepared for the Brisbane Airport Corporation (BAC), September 2009.

Morawska, L. and He, C. Investigation of Air Quality at ICB Central Building, Brisbane. Prepared for the Queensland Department of Public Works, November 2009.

Morawska, L. and He, C. Testing of Smoke Particle Size Distributions. Prepared for Xtralis Pty Ltd, March 2009.

2008

Morawska, L and He, C. Testing of Printer Emissions. Prepared for the Queensland Government Chief Procurement Office, September 2008.

Ristovski, Z.D., Morawska, L., Jayaratne, E.R., Meyer, N. and Miljevic, B. Assessment of Polycyclic Aromatic Hydrocarbon and Volatile Organic Compound Emissions From a Sample of CNG and Diesel Buses from the Brisbane City Council Fleet. Prepared for Queensland Transport, July 2008.

Morawska, L., Pereira, L. and He, C. *Indoor Air* Quality Assessment at the Royal Children's Hospital. Prepared for the Royal Children's Hospital, February 2008.

2007

Morawska, L. and Johnson, G.R. Airborne particle size distributions adjacent to the QAL Alumina Refinery. Prepared for QAL Alumina Refinery, September 2007.

Ristovski, Z.D., Morawska, L., Jayaratne, E.R., Meyer, N. and Miljevic, B. Assessment of Particle and Gaseous Emissions from a Sample of CNG (Scania) and New Generation Diesel (MERCoc500) Buses from the Brisbane City Council Fleet. Prepared for Queensland Transport, August 2007.

Morawska, L., Jamriska, M and He, C. Assessment of *Indoor Air* Quality at 80 George St, Brisbane and Recommendation for an Upgrade of Installed HVAC, Prepared for Project Services, Queensland Government, May 2007.

Morawska, L., He, C., Uhde, E. & Ayoko, G.A. A Further Investigation of Air Pollution in Dutton Park State School. Prepared for Queensland Department of Education, Training and the Arts, July 2007.

Morawska, L., He, C., Jamriska, M. & Ristovski, Z.D. An integrated model of bus emission impacts at and around bus stations and busways for transport and land use planning. Prepared for Queensland Transport, May 2007.

Morawska, L and He, C. Re-Assessment of Air Exchange Rate in an Air-Conditioned Classroom in Logan Village State School. Prepared for BERU, Department of Public Works, Queensland Government, May 2007.

Morawska, L and Guo, H. Assessment of *Indoor Air* Quality in an Air-Conditioned Classroom in Logan Village State School. Prepared for BERU, Department of Public Works, Queensland Government, January 2007.

2006

Morawska, L., Holmes, N., He, C., Jayaratne, E.R. and Johnson, G.R. Review of the air quality assessment of the Hale street link project. Prepared for Brisbane City Council, November 2006.

Morawska, L. and Holmes, N. Review of the health impact of the proposed Hale street link. Prepared for Brisbane City Council, August 2006.

Morawska, L. and Holmes, N. Review of the Hale street link impact assessment reports. Prepared for Brisbane City Council, November 2006.

Ristovski, Z.D., Morawska, L, Ayoko, G.A., Jayaratne, E.R. and Meyer, N. Emission measurements from Scania compressed Natural gas Buses and new generation diesel buses (MERC OC500). Prepared for Queensland Transport, 2006.

Ristovski, Z.D., Morawska, L, Ayoko, G.A., Jayaratne, E.R. and Meyer, N. Assessment of Emissions from Compressed Natural Gas and New Generation Diesel Buses. Prepared for Queensland Transport, 2006

Morawska, L and Agranovski, V. Determination of State of Health Science for Ultrafine Particles. Prepared for Queensland Transport, 2006.

Morawska, L and He, C. Queensland Bone Bank Air Quality Investigations. Prepared for Project Services Queensland Government, November 2006.

Morawska, L., Guo, H. and Holmes, N. Investigation of Air Pollution in Dutton Park State School. Prepared for Queensland Transport, 2006.

Morawska, L., Jamriska, M. and He, C. Assessment of Outdoor Air Pollution Levels at 80 George Street, Brisbane. Prepared for Project Services, Queensland Government, 2006.

Morawska, L. and Johnson, G.R. Investigations of Airborne Particulate Concentrations Adjacent to Lutwyche Road, Lutwyche. Prepared for Brisbane City Council, July 2006.

2005

Agranovski, V. and Ristovski, Z.D. Risk of Developing Allergic Diseases in Poultry Farmers and General Community Exposed to Particulate emissions from Chicken Farms. Prepared for RIRDC, May 2005.

Jamriska, M. Assessment of the IAQ and the Effectiveness of Upgrading HVAC System at 309 North Quay (Austereo Building) Brisbane. Prepared for Australian Air Science Pty Ltd, Brisbane, January 2005.

Morawska, L and Johnson, G.R. The Impact of Brisbane Airport on Airshed Quality Stage II: Emission of Pollutants from Aircraft. Prepared for Brisbane Airport Corporation, December 2005.

Ristovski, Z.D. and Jayaratne, R. Measurement of the Size Distribution of Cloud Seeder (AgI) and Tracer (InO₂) Aerosols Produced by an LPG Burner. Prepared for Snowy Hydro Limited, Cooma, NSW, 2005.

2004

Morawska, L. and Holmes, N. Investigation of pollution levels in the area around Brisbane Square. Prepared for the Brisbane City Council, 2004.

Morawska, L. and He, C. Filtration efficiency of two fabric filter systems. Prepared for the Defence Science Technology Organization (DSTO), Australia, 2004.

2003

- Jamriska, M. and Morawska, L. *Indoor Air Quality Problem at Austereo Building, 309 North Quay, Brisbane*. Prepared for Australian Air Science Pty Ltd, Brisbane, December 2003.
- Morawska, L., Moore, M. and Ristovski, Z.D. *Desktop Literature Review and Analysis of Health Impacts of Ultrafine Particles*. Prepared for the Australian Department of Environment and Heritage, 2003.

2002

- Jamriska, M. and Morawska, L. *Assessment of collection of Aeris Technology bio-sampler for submicrometer particle*. Prepared for Aeris Technologies, Pty Ltd., 2002.
- Jamriska, M., Morawska, L. and Anyon, P. *Brisbane Urban Corridor: Vehicle Emissions, Now and ahead*. Prepared for QLD Department of Transport, 2002.
- Morawska, L., Johnson, G.R. and Ayoko, G.A. *Stuart Oil Shale Project: Independent Health Review. Part B: Investigations into particle emissions from the Stuart Oil Shale Plant Gladstone*. Prepared for the Stuart Facilitation Working Group, 2002.
- Agranovski, V. and Ristovski, Z.D. *Methodological Evaluation of the UV-APS Performance for the Range of Different Challenge Microorganisms and Sampling Conditions*. Prepared for DSTO, Department of Defence, 2002.
- Ristovski, Z.D., Morawska, L., Ayoko, G.A., Jayaratne, E.R. and Lim, M. *A Comparative Investigation Of Particle And Gaseous Emissions From Twelve In-Service B.C.C Buses Operating on 50 and 500 ppm Sulphur Diesel Fuel*. Prepared for Brisbane City Council and BP Australia, 2002.
- Ristovski, Z.D., Morawska, L., Ayoko, G.A., Jayaratne, E.R. and Lim, M. *Report Of A Short Investigation Of Emissions From Diesel Vehicles Operating On Low And Ultra-Low Sulphur Content Fuel*. Prepared for BP Australia, 2002.
- Morawska, L., Ristovski, Z.D., Ayoko, G.A. and Jayaratne, E.R. *Report Of A Comparative Investigation Of Particle And Gaseous Emissions From a Ford Fairmont 4.0 Car Operating On Unleaded Petrol and Ethanol Fuel*. Prepared for Qfleet, QLD Government, 2002.
- Morawska, L., Ristovski, Z.D., Ayoko, G.A., Jayaratne, E.R. and Lim, M. *Collaborative investigation into the emissions from LPG-dedicated sedan vehicles*. Prepared for BERU, Dept. Public Works and Housing and QFLEET, 2002.

2001

- Jamriska, M and Greenaway, C. *A Survey of Filter Efficiency and Gas Levels within 75 William Street*. Prepared for Department of Public Works, Built Environment Research Unit QLD, 2001.
- Jamriska, M., Morawska, L. and He, C. *Filter performance guidelines*. Prepared for Public Works and Government Services Canada, 2001.
- Morawska, L. and Thomas, S. *The Sources and concentration levels of gaseous and particle pollutants at the Mater Hill Busway Station*. Prepared for South East Transit Project, 2001.
- Ayoko, G.A., Morawska, L., Olofinjana, A., Lim, M., Wang, E. and Jamriska, M. *Assessment of Australian flyash products as new building materials from the point of view of human health and safety*. Prepared for the Built Environment Research Uni, Department of Public Works, 2001.
- Morawska, L. and Thomas, S. *The Prediction of the changes to air quality indicators at 30 Springwood Road, Underwood following construction of the additional lane on the Pacific Motorway*. Prepared for South East Transit Project, 2001.
- Morawska, L. and Thomas, S. *Investigations of the sources and levels of air quality indicators in the vicinity of Springwood Rd & the South-East Freeway*. Prepared for South East Transit Project, 2001.

2000

- DoHAC inc. Morawska, L. *Indoor Air Quality: a Report on Health Impacts and Management Options*, Department of Health and Aged Care (DoHAC), June 2020.
https://web.archive.org/web/20030805091116/http://www.health.gov.au/pubhlth/publicat/document/env_indoorair.pdf (02/09/2020).
- Morawska, L., Thomas, S. and McGregor, F. *Investigations of airborne particulate matter in the vicinity of King George Square in the Brisbane CBD*. Prepared for Queensland Conservation Council, 2000.
- Ristovski, Z.D. and Hitchins, J. *Size Distribution of Nasal Sprays*. Prepared for Douglas Manufacturing June 2000.
- Ristovski, Z.D., Agranovski, V. and Morawska, L. *Determining Particle Filtration Efficiency (PFE) of Surgical Face Masks*. Prepared for UNSW, 2000.
- Ristovski, Z.D., Thomas, S. and Morawska, L. *Investigation of Particle and Gaseous Emissions of Vehicle Exhaust*. Prepared for Safawaste Industries, 2000.
- Ristovski, Z.D. *Investigation into the Size Distribution of Technegas Particles in the Submicrometer Range*. Prepared for Tetley Medical, 2000.

1999

- Ristovski, Z.D., Morawska, L. and Ayoko, G.A. *Emissions from a Petrol to CNG Converted Vehicle*. Prepared for BERU, Dept. Public Works and Housing, 1999.
- Ristovski, Z.D., Morawska, L. and Ayoko, G.A. *Investigation into the Emissions of Fine Particles, Formaldehyde, Oxides of Nitrogen and Carbon Monoxide from Natural Gas Heaters*. Prepared for The Australian Gas Light Company, 1999.

1998

- Jamriska, M. and Morawska, L. *Particulate emissions from motor vehicle traffic on a major arterial road, Interim Report*. Prepared for Department of Transport, Queensland Government, 1998.
- Morawska, L., Ristovski, Z.D. and Agranovski, V. *Cleaning and testing technology for environmental tobacco smoke*. Prepared for EMAIL Air Handling, 1998.

1997

Ristovski, Z.D. And Morawska, L. Size Distribution Measurements of Alec Powders. Prepared for Paediatric Respiratory Research Centre of the Mater Children's Hospital, 1997.

Ristovski, Z.D., Morawska, L., Thomas, S. and Hitchins, J. Investigations of Combustion Emissions from Deutz Spark Ignition Gas Engines. Prepared for SE Power Equipment, 1997.

Morawska, L. and Jamriska, M. Performance assessment of electrostatic filters on the basis of laboratory tests with a specific focus on submicron particles. Prepared for EMAIL Air Handling, 1997.

Morawska, L., Thomas, S. and Rijnders, E. A study of the horizontal and vertical profile of submicron particulates in relation to the William Street building site. Prepared for Built Environment Research Unit, 1997.

Morawska, L. and Jamriska, M. Estimation of the Efficiency of Electrostatic Filters in field conditions. Prepared for Built Environment Research Unit, Queensland Department of Public Works and Housing. 1997.

Rijnders, E. Air Pollution and Asthma 3: Child Hospital Admission Data: Differences between child male and child female asthma and respiratory disorder patients. Prepared for Queensland Health, June 1997.

Rijnders, E. Air Pollution and Asthma 2: Child Hospital Admission Data and Respiratory Virus Prevalence. Prepared for Queensland Health, June 1997.

Rijnders, E. Air Pollution and Asthma 1: Hospital Admission Data and Triage Book. Prepared for Queensland Health, April 1997.

Jamriska, M. and Morawska, L. Characterisation of Environmental Tobacco smoke. Prepared for CSIRO Melbourne. 1997.

Morawska, L., Ristovski, Z.D. and Hitchins, J. A pilot investigation of emissions of submicron particles from a spark ignition gas engine. Prepared for Built Environment Research Unit, Queensland Department of Public Works and Housing. 1997

1996

Dharmasiri, J.K. and Morawska, L. Isotope Studies on Groundwater Recharge to Alluvial Aquifer in Gatton, Queensland. Prepared for DPI Water Resources, 1996.

Morawska, L., Jamriska, M. and Martin, D. Determination of the filtration efficiency of HEPA and ULPA filters used at CSIRO AAHL for single and tandem configuration: Part 2. Prepared for the Australian Animal Health Laboratory in Geelong, Victoria, 1996.

Morawska, L., Bofinger, N., Thomas, S., Morgan, P., Wainwright, D. and Neale, D. Fine Particles in ambient urban air: Part I. Prepared for the Department of Environment, 1996.

Morawska, L. and Thomas, S. A study of the Aerosol Particulate Sizes at William St Building Site. Prepared for Built Environment Unit of the Administrative Service Department, 1996.

1995

Morawska, L., Thomas, S. and Jamriska, M. Cross sectional tests for particulates characteristics in the Transport House, Brisbane. Prepared for CETEC Pty Ltd, 1995.

Morawska, L., Jamriska, M. and Martin, D. Determination of the filtration efficiency of HEPA and UPLA filters used at CSIRO Australian Animal Health Laboratory in Geelong, Victoria. Prepared for the Australian Animal Health Laboratory in Geelong, Victoria, 1995.

Morawska, L. and Hitchins, J. Performance testing of Nebulisers for Pentamidine delivery. Prepared for the Royal Brisbane Hospital, 1995.