

ILAQH Publications List

Books & Monographs

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.

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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.

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

Chapters in Books

2022

Morawska, L. and Huang, W. Chapter X.I WHO Health Guidelines for Indoor Air Quality and National Recommendations/standards *Indoor Air Quality Handbook*. Eds JD Spengler, JM Samet, and JF McCarthy, 2022.

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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.

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Faghhi, 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, DOI 10.1007/698_2015_401, Springer International Publishing Switzerland 2015.

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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.

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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, 69-101, 2009.

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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.

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

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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 Haghhighat (Editor), 2004.

Ayoko, G.A. Volatile Organic Compounds in Indoor Environments. *The Handbook of Environmental Chemistry*, Springer-Verlag Heidelberg. 4F, pp1-35, 2004.

Morawska, L. Indoor particles, combustion products and fibres. *The Handbook of Environmental Chemistry*, Springer-Verlag Heidelberg. 4F, pp117-147, 2004.

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Jayaratne, E.R. Thunderstorm electrification mechanisms. *The Lightning Flash*, 34: 17, 2003.

Jamriska, M. Modeling of indoor particle concentration. *Indoor environment*, Wiley – VCH. Morawska and Salthammer (Editors), pp 319-339, 2003.

Schmidt-Ott, A. and Ristovski, Z.D. Measurements of airborne particles. *Indoor environment*, Wiley – VCH. Morawska and 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. Morawska and Salthammer (Editors), pp 297-318, 2003.

Morawska, L. Motor vehicle emissions as a source of indoor particles. *Indoor environment*, Wiley – VCH. Morawska and 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. Morawska and Salthammer (Editors), pp 190-224, 2003.

Morawska, L. and Salthammer, T. Introduction to sampling and measurement techniques. *Indoor environment*, Wiley – VCH. Morawska and Salthammer (Editors), pp 49-55, 2003.

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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.

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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.

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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 (Ed), Kluwer Academic Publishers, pp 145-160, 1996.

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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., Apond, 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*, Accepted 19 February, In Press.

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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).** <https://doi.org/10.1021/acs.est.1c06531>

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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>

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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>

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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 Mg²⁺ cation concentration. *Renewable and Sustainable Energy Reviews*, 141: 110817, 2021. <https://doi.org/10.1016/j.rser.2021.110817>

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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>

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