

## **MIRANDA LOH PUBLICATIONS**

### **Refereed journal articles (Chronological)**

**Loh, M.M.**, Houseman, E.A., Levy, J.I., Gray, G.M., Spengler, J.D., Bennett, D.H., 2006. Measured concentrations of VOCs in several non-residential microenvironments in the United States. *Environmental Science and Technology*. 40(22): 6903-6911. PMID: 17153993

**Loh, M.M.**, Levy, J.I., Spengler, J.D., Houseman, E.A., Bennett, D.H., 2007. Ranking cancer risks of organic hazardous air pollutants in the United States. *Environmental Health Perspectives*. 115(8): 1160-1168. PMID: 17687442

**Loh, M.M.**, Houseman, E.A., Levy, J.I., Spengler, J.D., Bennett, D.H. 2009., Contribution to volatile organic compound exposures from time spent in stores and restaurants and bars. *Journal of Exposure Science and Environmental Epidemiology*. 19(7):660-673. PMID:19002215

Tainio, M., Sofiev, M., Hujo, M., Tuomisto, J.T., **Loh, M.M.**, Jantunen, M.J., Karppinen, A., Kangas, L., Karvosenoja, N., Kupiainen, K., Porvari, P., Kukkonen, J., 2009. Evaluation of the intake fractions for the European and Finnish anthropogenic primary fine particulate matter emissions and the European populations. *Atmospheric Environment*, 43(19): 3052-3059. DOI: 10.1016/j.atmosenv.2009.03.030

**Loh, M.M.**, Soares, J., Karppinen, A., Kukkonen, J., Kangas, L., Riikonen, K., Kousa, A., Asikainen, A., Jantunen, M.J., 2009. Intake fraction distributions for benzene from vehicles in the Helsinki metropolitan area. *Atmospheric Environment*. 43(301-310).

Halonen, JI., Lanki, T., Tiittanen, P., Niemi, JV., **Loh, M.M.**, Pekkanen, J, 2010. Ozone and cause-specific cardiorespiratory morbidity and mortality. *Journal of Epidemiology and Community Health*, Sep;64(9):814-20. PMID: 19854743

Hanninen, O., Bruske-Hohlfeld, I., **Loh, M.**, Stoeger, T., Kreyling, W., Schmid, O., Peters, A., 2009. Occupational and consumer risk estimates for nanoparticles emitted by laser printers. *J. Nanoparticle Res.* 12, 91–99.

Beamer, PI., Elish, CA., Roe, DJ., **Loh, MM**, Layton, DW. 2011. Differences in metal concentration by particle size in house dust and soil. *Journal of Environmental Monitoring*. 14(839-844). Impact factor 2.179, 5-yr 2.461

Tainio, M., Holnicki, P., **Loh, M.M.**, Nahorski, Z., 2014. Intake Fraction Variability Between Air Pollution Emission Sources Inside an Urban Area. *Risk Anal.* 34, 2021–2034. <https://doi.org/10.1111/risa.12221>,

Beamer, P.I., Sugeng, A.J., Kelly, M.D., Lothrop, N., Klimecki, W., Wilkinson, S.T., **Loh, M.**, 2014. Use of dust fall filters as passive samplers for metal concentrations in air for communities near contaminated mine tailings. *Environ. Sci. Process. Impacts* 16, 1275–1281. <https://doi.org/10.1039/C3EM00626C>.

Fantke, P., Jolliet, O, Evans, JS, Apte, JS, Cohen, AJ, Hänninen, O, Hurley, F, Jantunen, MJ, Jerrett, M, Levy, JI, **Loh, MM**, Marshall, JD, Miller, BG, Preiss, P, Spadaro, JV, Tainio, M, Tuomisto, JT, Weschler, CJ, McKone, TE. 2014. Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. *The International*

*Journal of Life Cycle Assessment*, 1-13.

Lothrop, N., Wilkinson, S.T., Verhougstraete, M., Sugeng, A., **Loh, M.M.**, Klimecki, W. and Beamer, P.I., 2015. Home Water Treatment Habits and Effectiveness in a Rural Arizona Community. *Water*, 7(3), pp.1217-1231.

Ramirez-Andreotta, M.D., Lothrop, N., Wilkinson, S.T., Root, R.A., Artiola, J.F., Klimecki, W. and **Loh, M.**, 2015. Analyzing patterns of community interest at a legacy mining waste site to assess and inform environmental health literacy efforts. *Journal of Environmental Studies and Sciences*, pp.1-13.

Hodas, N., **Loh, M.**, Shin, H.M., Li, D., Bennett, D., McKone, T.E., Jolliet, O., Weschler, C.J., Jantunen, M., Liroy, P. and Fantke, P., 2015. Indoor inhalation intake fractions of fine particulate matter: review of influencing factors. *Indoor air*, doi:10.1111/ina.12268.

Ramirez-Andreotta, M.D., Brody, J.G., Lothrop, N., **Loh, M.**, Beamer, P.I. and Brown, P., 2016. Reporting back environmental exposure data and free choice learning. *Environmental Health*, 15(1), p.2.

Ramirez-Andreotta, M.D., Brody, J.G., Lothrop, N., Loh, M., Beamer, P.I., Brown, P., 2016a. Improving Environmental Health Literacy and Justice through Environmental Exposure Results Communication. *Int. J. Environ. Res. Public. Health* 13, 690.  
<https://doi.org/10.3390/ijerph13070690>

**Loh, M.M.**, Sugeng, A., Lothrop, N., Klimecki, W., Cox, M., Wilkinson, S.T., Lu, Z. and Beamer, P.I., 2016. Multimedia exposures to arsenic and lead for children near an inactive mine tailings and smelter site. *Environmental Research*, 146, pp.331-339.

Beamer, P.I., Klimecki, W.T., **Loh, M.**, Van Horne, Y.O., Sugeng, A.J., Lothrop, N., Billheimer, D., Guerra, S., Lantz, R.C., Canales, R.A. and Martinez, F.D., 2016. Association of Children's Urinary CC16 Levels with Arsenic Concentrations in Multiple Environmental Media. *International Journal of Environmental Research and Public Health*, 13(5), p.521.

**Loh, M.**, Sarigiannis, D., Gotti, A., Karakitsios, S., Pronk, A., Kuijpers, E., Annesi-Maesano, I., Baiz, N., Madureira, J., Oliveira Fernandes, E., Jerrett, M., Cherrie, J.W. 2017. How Sensors Might Help Define the External Exposome. *International Journal of Environmental Research and Public Health*, 14(4), p. 434. PMID: 28420222

Cherrie, JW., Apsley, A., Cowie, H., Steinle, S., Mueller, W., Lin, C., Horwell, C., Sleenwenhoek, A., **Loh, M.** 2018. The Effectiveness of Facemasks Used to Protect Beijing Residents Against Particulate Air Pollution. *Occupational and Environmental Medicine*, 75(6):446-452. PMID: 29632130.

Cherrie, JW., Wang, S., Mueller, W., Wendelboe-Nelson, C., **Loh, M.**, 2018. In-mask temperature and humidity can validate respirator wear-time and indicate lung health status. *Journal of Exposure Science and Environmental Epidemiology*. Epub, ahead of print. PMID: 30382241.

Dong, W., Pan, L., Li, H., Miller, M.R., **Loh, M.**, Wu, S., Xu, J., Yang, X., Shan, J., Chen, Y., Deng, F., Guo, X., 2018. Association of size-fractionated indoor particulate matter and black carbon with heart rate variability in healthy elderly women in Beijing. *Indoor Air* 28, 373–382.

<https://doi.org/10.1111/ina.12449>

Pan, L., Dong, W., Li, H., Miller, M.R., Chen, Y., **Loh, M.**, Wu, S., Xu, J., Yang, X., Shima, M., Deng, F., Guo, X., 2018. Association patterns for size-fractionated indoor particulate matter and black carbon and autonomic function differ between patients with chronic obstructive pulmonary disease and their healthy spouses. *Environmental Pollution*, 236: 40-48. PMID: 29414364

Franken, R., Maggos, T., Stamatelopoulou, A., **Loh, M.**, Kuijpers, E., Bartzis, J., Steinle, S., Cherrie, J.W., Pronk, A. 2019. Comparison of Methods for Converting Dylos Particle Number Concentrations to PM<sub>2.5</sub> Concentrations. *Indoor Air*, <https://doi.org/10.1111/ina.12546>.

Dong, W., Liu, S., Chu, M., Zhao, B., Yang, D., Chen, C., Miller, M.R., **Loh, M.**, Xu, J., Chi, R., Yang, X., Guo, X., Deng, F., 2019. Different cardiorespiratory effects of indoor air pollution intervention with ionization air purifier: Findings from a randomized, double-blind crossover study among school children in Beijing. *Environ. Pollut. Barking Essex 1987* 254, 113054–113054. <https://doi.org/10.1016/j.envpol.2019.113054>

Huang, J., Song, Y., Chu, M., Dong, W., Miller, M.R., **Loh, M.**, Xu, J., Yang, D., Chi, R., Yang, X., Wu, S., Guo, X., Deng, F., 2019. Cardiorespiratory responses to low-level ozone exposure: The inDOOR Ozone Study in childrEn (DOSE). *Environ. Int.* 131, 105021–105021. <https://doi.org/10.1016/j.envint.2019.105021>

Shi, Z., ...**Loh, M.**, ...Yuanhang, Zheng, M., 2019. Introduction to the special issue “In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing).” *Atmospheric Chem. Phys.* 19, 7519–7546. <https://doi.org/10.5194/acp-19-7519-2019>,

Hu, D., Cui, L., Qi, Y., Jia, X., Chen, J., Niu, W., Miller, M.R., **Loh, M.**, Zhou, H., Deng, F., Liu, J., Guo, X., 2020. Identification of potential markers for internal exposure to ambient ozone in oral cavity of healthy adults. *Environmental Research* 190, 109907. <https://doi.org/10.1016/j.envres.2020.109907>

Steinle, S., Johnston, H.J., **Loh, M.**, Mueller, W., Vardoulakis, S., Tantrakarnapa, K., Cherrie, J.W., 2020. In Utero Exposure to Particulate Air Pollution during Pregnancy: Impact on Birth Weight and Health through the Life Course. *Int J Environ Res Public Health* 17, E8948. <https://doi.org/10.3390/ijerph17238948>

Mueller, W., Steinle, S., Pärkkä, J., Parmes, E., Liedes, H., Kuijpers, E., Pronk, A., Sarigiannis, D., Karakitsios, S., Chapizanis, D., Maggos, T., Stamatelopoulou, A., Wilkinson, P., Milner, J., Vardoulakis, S., **Loh, M.**, 2020. Urban greenspace and the indoor environment: Pathways to health via indoor particulate matter, noise, and road noise annoyance. *Environ. Res.* 180, 108850. <https://doi.org/10.1016/j.envres.2019.108850>.

McDonald, F., Horwell, C.J., Wecker, R., Dominelli, L., **Loh, M.**, Kamanyire, R., Ugarte, C., 2020. Facemask use for community protection from air pollution disasters: An ethical overview and framework to guide agency decision making. *Int. J. Disaster Risk Reduct.* 43, 101376. <https://doi.org/10.1016/j.ijdrr.2019.101376>

Johnston, H.J., Mueller, W., Steinle, S., Vardoulakis, S., Tantrakarnapa, K., **Loh, M.**, Cherrie, J.W., n.d. How Harmful Is Particulate Matter Emitted from Biomass Burning? A Thailand Perspective. *Curr. Pollut. Rep.* <https://doi.org/10.1007/s40726-019-00125-4>

West, S.E., Bowyer, C.J., Apondo, W., Büker, P., Cinderby, S., Gray, C.M., Hahn, M., Lambe, F., **Loh, M.**, Medcalf, A., Muhoza, C., Muindi, K., Njoora, T.K., Twigg, M.M., Waelde, C., Walnycki, A., Wainwright, M., Wendler, J., Wilson, M., Price, H.D., 2021. Using a co-created transdisciplinary approach to explore the complexity of air pollution in informal settlements. *Humanit Soc Sci Commun* 8, 1–13. <https://doi.org/10.1057/s41599-021-00969-6>

Kleovoulou, E.G., Konstantinou, C., Constantinou, A., Kuijpers, E., **Loh, M.**, Galea, K.S., Stierum, R., Pronk, A., Makris, K.C., 2021. Stakeholders' Perceptions of Environmental and Public Health Risks Associated with Hydrocarbon Activities in and around the Vasilikos Energy Center, Cyprus. *International Journal of Environmental Research and Public Health* 18, 13133. <https://doi.org/10.3390/ijerph182413133>

Kuijpers, E., van Wel, L., **Loh, M.**, Galea, K.S., Makris, K.C., Stierum, R., Fransman, W., Pronk, A., 2021. A Scoping Review of Technologies and Their Applicability for Exposome-Based Risk Assessment in the Oil and Gas Industry. *Ann Work Expo Health* 65, 1011–1028. <https://doi.org/10.1093/annweh/wxab039>

Andrianou, X.D., Pronk, A., Galea, K.S., Stierum, R., **Loh, M.**, Riccardo, F., Pezzotti, P., Makris, K.C., 2021. Exposome-based public health interventions for infectious diseases in urban settings. *Environment International* 146, 106246. <https://doi.org/10.1016/j.envint.2020.106246>

Scholten, B., Kenny, L., Duca, R.-C., Pronk, A., Santonen, T., Galea, K.S., **Loh, M.**, Huuonen, K., Sleenwenhoek, A., Creta, M., Godderis, L., Jones, K., 2020. Biomonitoring for Occupational Exposure to Diisocyanates: A Systematic Review. *Annals of Work Exposures and Health* 64, 569–585. <https://doi.org/10.1093/annweh/wxaa038>

Campbell, S.J., Wolfer, K., Utinger, B., Westwood, J., Zhang, Z.-H., Bukowiecki, N., Steimer, S.S., Vu, T.V., Xu, J., Straw, N., Thomson, S., Elzein, A., Sun, Y., Liu, D., Li, L., Fu, P., Lewis, A.C., Harrison, R.M., Bloss, W.J., **Loh, M.**, Miller, M.R., Shi, Z., Kalberer, M., 2021. Atmospheric conditions and composition that influence PM<sub>2.5</sub> oxidative potential in Beijing, China. *Atmospheric Chemistry and Physics* 21, 5549–5573. <https://doi.org/10.5194/acp-21-5549-2021>

Dancer, S.J., Cormack, K., **Loh, M.**, Coulombe, C., Thomas, L., Pravinkumar, S.J., Kasengele, K., King, M.-F., Keaney, J., 2022. Healthcare-acquired clusters of COVID-19 across multiple wards in a Scottish health board. *J Hosp Infect* 120, 23–30. <https://doi.org/10.1016/j.jhin.2021.11.019>

Hu, D., Jia, X., Cui, L., Liu, J., Chen, J., Wang, Y., Niu, W., Xu, J., Miller, M.R., **Loh, M.**, Deng, F., Guo, X., 2021. Exposure to fine particulate matter promotes platelet activation and thrombosis via obesity-related inflammation. *Journal of Hazardous Materials* 413, 125341. <https://doi.org/10.1016/j.jhazmat.2021.125341>

Mueller, W., Tantrakarnapa, K., Johnston, H.J., **Loh, M.**, Steinle, S., Vardoulakis, S., Cherrie, J.W., 2021. Exposure to ambient particulate matter and biomass burning during pregnancy: associations with birth weight in Thailand. *J Expo Sci Environ Epidemiol* 31, 672–682. <https://doi.org/10.1038/s41370-021-00295-8>

Mueller, W., Wilkinson, P., Milner, J., Vardoulakis, S., Steinle, S., Pärkkä, J., Parmes, E., Cluitmans, L., Kuijpers, E., Pronk, A., Sarigiannis, D., Karakitsios, S., Chapizanis, D., Maggos, T., Stamatelopoulou, A., **Loh, M.**, 2021. Neighbourhood and path-based greenspace in three European countries: associations with objective physical activity. *BMC Public Health* 21, 282.

<https://doi.org/10.1186/s12889-021-10259-0>

Mueller, W., Vardoulakis, S., Steinle, S., **Loh, M.**, Johnston, H.J., Precha, N., Kliengchuay, W., Sahanavin, N., Nakhapakorn, K., Sillaparassamee, R., Tantrakarnapa, K., Cherrie, J.W., 2021. A health impact assessment of long-term exposure to particulate air pollution in Thailand. *Environ. Res. Lett.* 16, 055018. <https://doi.org/10.1088/1748-9326/abe3ba>

Pronk, A., **Loh, M.**, Kuijpers, E., Albin, M., Selander, J., Godderis, L., Ghosh, M., Vermeulen, R., Peters, S., Mehlum, I.S., Turner, M.C., Schlünssen, V., Goldberg, M., Kogevinas, M., Harding, B.N., Solovieva, S., Garani-Papadatos, T., van Tongeren, M., Stierum, R., 2022. Applying the exposome concept to working life health. *Environ Epidemiol* 6, e185. <https://doi.org/10.1097/EE9.000000000000185>

Hosseini, P., Mueller, W., Rhodes, S., Pembrey, L., van Tongeren, M., Pearce, N., **Loh, M.**, Fletcher, T., 2022. Transmission and Control of SARS-CoV-2 in the Food Production Sector: A Rapid Narrative Review of the Literature. *International Journal of Environmental Research and Public Health* 19, 12104. <https://doi.org/10.3390/ijerph191912104>

Mueller, W., **Loh, M.**, Fletcher, T., Rhodes, S., Pembrey, L., Pearce, N., Tongeren, M. van, 2022. An Ecological Study of COVID-19 Infection Rates within the UK Food and Drink Processing Industry. *Annals of Work Exposures and Health* 67, 147–152. <https://doi.org/10.1093/annweh/wxac042>

Mueller, W., Milner, J., **Loh, M.**, Vardoulakis, S., Wilkinson, P., 2022. Exposure to urban greenspace and pathways to respiratory health: An exploratory systematic review. *Science of The Total Environment* 829, 154447. <https://doi.org/10.1016/j.scitotenv.2022.154447>

Mueller, W., Wilkinson, P., Milner, J., **Loh, M.**, Vardoulakis, S., Petard, Z., Cherrie, M., Puttaswamy, N., Balakrishnan, K., Arvind, D.K., 2022. The relationship between greenspace and personal exposure to PM<sub>2.5</sub> during walking trips in Delhi, India. *Environmental Pollution* 305, 119294. <https://doi.org/10.1016/j.envpol.2022.119294>

Niu, W., Wang, W., Huang, C., Zhang, Z., Ma, L., Li, R., Cherrie, J., Miller, M.R., **Loh, M.**, Chen, J., Lin, C., Wu, S., Guo, X., Deng, F., 2022. Cardiopulmonary benefits of respirator intervention against near road ambient particulate matters in healthy young adults: A randomized, blinded, crossover, multi-city study. *Chemosphere* 308, 136437. <https://doi.org/10.1016/j.chemosphere.2022.136437>

Price, H.D., Bowyer, C.J., Büker, P., Gray, C.M., Hahn, M., Lambe, F., **Loh, M.**, Medcalf, A.J., Njooora, T.K., Waelde, C., Wainwright, M., West, S.E., 2023. From reflection diaries to practical guidance for transdisciplinary research: learnings from a Kenyan air pollution project. *Sustain Sci* 18, 1429–1444. <https://doi.org/10.1007/s11625-023-01317-0>

Meme, H., Amukoye, E., Bowyer, C., Chakaya, J., Das, D., Dobson, R., Dragosits, U., Fuld, J., Gray, C., Hahn, M., Kiplimo, R., Lesosky, M., **Loh, M.M.**, McKendree, J., Mortimer, K., Ndombi, A., Netter, L., Obasi, A., Orina, F., Pearson, C., Price, H., Quint, J.K., Semple, S., Twigg, M., Waelde, C., Walnycki, A., Warwick, M., Wendler, J., West, S.E., Wilson, M., Zurba, L., Devereux, G., 2023. Asthma symptoms, spirometry and air pollution exposure in schoolchildren in an informal settlement and an affluent area of Nairobi, Kenya. *Thorax* 78, 1118–1125. <https://doi.org/10.1136/thorax-2023-220057>

**Loh, Miranda M.**, Schmidt, P., Vries, Y.C. de, Vogel, N., Kolossa-Gehring, M., Vlaanderen, J., Lebret, E., Luijten, M., 2023. Toxicity Weighting for Human Biomonitoring Mixture Risk Assessment: A Proof of Concept. *Toxics* 11, 408. <https://doi.org/10.3390/toxics11050408>

Büker, P., West, S.E., Bowyer, C.J., Apondo, W., Cinderby, S., Gray, C.M., Hahn, M., Lambe, F., **Loh, M.**, Medcalf, A., Muhoza, C., Muindi, K., Njooora, T.K., Twigg, M.M., Waelde, C., Walnycki, A., Wainwright, M., Wendler, J., Wilson, M., Price, H.D., 2024. Transdisciplinary Research as a Means of Protecting Human Health, Ecosystems and Climate by Engaging People to Act on Air Pollution. *One Health Cases* 2024, ohcs20240002. <https://doi.org/10.1079/onehealthcases.2024.0002>

Mueller, W., Smith, A., Kuijpers, E., Pronk, A., **Loh, M.**, 2024. Worker perspectives on improving occupational health and safety using wearable sensors: a cross-sectional survey. *Annals of Work Exposures and Health* 68, 867–873.

Orina, F., Amukoye, E., Bowyer, C., Chakaya, J., Das, D., Devereux, G., Dobson, R., Dragosits, U., Gray, C., Kiplimo, R..., **Loh M.**...Semple, S., 2024. Household carbon monoxide (CO) concentrations in a large African city: An unquantified public health burden? *Environmental pollution* 351, 124054.

Liška, T., Heal, M.R., Lin, C., Vieno, M., Carnell, E.J., Tomlinson, S.J., **Loh, M.**, Reis, S., 2024. The effect of workplace mobility on air pollution exposure inequality—a case study in the Central Belt of Scotland. *Environ. Res.: Health* 2, 025006. <https://doi.org/10.1088/2752-5309/ad3840>

Gudgin Dickson, E. F., Tredinnick-Higgins, J. L., Horwell, C. J., Galea, K. S., & **Loh, M.** (2025). Do child-size respirators sold in Indonesia and Nepal meet standard adult performance requirements for filtration and air resistance, and requirements as modified for children?. *Journal of the International Society for Respiratory Protection*, 42(1), 22-43.

Ruiter, S., Kuijpers, E., Peters, S., **Loh, M.**, Pronk, A., 2026. Quantifying and improving performance of a low-cost PM sensor used for occupational hygiene applications. *Ann Work Expo Health* 70, wxag001. <https://doi.org/10.1093/annweh/wxag001>

## Chapters in scholarly books and monographs

**Loh, M.** and Morgenstern, R.D. 2004. Trichloroethylene in the United States: Embracing Market-based Approaches? *Choosing Environmental Policy: Comparing Instruments and Outcomes in the United States and Europe*. Eds. Winston Harrington, Richard Morgenstern, Thomas Sterner. Washington, D.C.: Resources for the Future Press.

Nijhuis, N., **M. Loh**, and P. Harrison, *Tetrachloroethylene*, in *WHO Guidelines for Indoor Air Quality: Selected Pollutants*. 2010, World Health Organization Regional Office for Europe: Bonn, Germany. p. 415-454.

Bonvallot, N., P. Harrison, and **M. Loh**, *Trichloroethylene*, in *WHO Guidelines for Indoor Air Quality: Selected Pollutants*. 2010, World Health Organization Regional Office for Europe: Bonn, Germany. p. 377-414.

**Loh, M.** 2004. Exposure to Environmental Hazards and Effects on Chronic Disease, in

*Environmental Determinants of Human Health*, Eds. Jozef M. Pacyna, Elisabeth G. Pacyna. Switzerland: Springer, p. 27-49.

#### **Refereed conference proceedings:**

**Loh, M.**, Houseman, E.A., Spengler, J.D., Bennett, D.H., 2005. Characterization of VOC exposures and risk in non-residential microenvironments. *Proceedings of the 10<sup>th</sup> International Conference on Indoor Air Quality and Climate*, Beijing, China.

**Loh, M.**, Bennett, D.H., 2006. Relative impact on exposure of pollutants released in the indoor environment. *Proceedings of the Healthy Buildings 2006 Conference*, Lisbon, Portugal.

**Loh, M.M**, Dodson, R.D., Bennett, D.H. 2008. Contribution of secondary formation to formaldehyde in Boston homes. In *Indoor Air 2008: Proceedings of the 11th International Conference on Indoor Air Quality and Climate*. Eds.: Strøm-Tejsen, P, Olesen, BW, Wargocki, P, Zukowska, D, Toftum, J, Indoor Air 2008, Copenhagen, Denmark, 2008, paper ID: 847. ISBN 9788778772701.

Gerharz, L.E., **Loh, M.**, Yang, A. & Kuhn, A., 2009. Using European Time Use Data for Modelling Individual Exposure to Air Pollution. 31st conference of the International Association for Time Use Research (IATUR). September 23-25, 2009. Lüneburg, Germany.

Hänninen, O., Brüske-Hohlfeld I, **Loh, M**, Stoeger T, Kreyling W, Schmid O, Peters A, 2009. Estimation of health risks and safety margins due to inhalation of ultrafine particles and nanoparticles in selected occupational, consumer and environmental settings. Grenoble Nanosafe 08 conference proceedings, *Journal of Physics: Conference Series* 170: 012031 doi:10.1088/1742-6596/170/1/012031 [http://www.iop.org/EJ/article/1742-6596/170/1/012031/jpconf9\\_170\\_012031.pdf](http://www.iop.org/EJ/article/1742-6596/170/1/012031/jpconf9_170_012031.pdf)

Asikainen, A., Hänninen, O, Kuhn, A., Yang, A., **Loh, M.**, Gerharz, L., Brelih, N., Leal, V., Allard, F., Wargocki, P. 2012. Modeling Residential Ventilation Rates in European Countries. *Proceedings of the Healthy Buildings 2012 Conference*, Brisbane, Australia.

#### **Non-peer reviewed journal publications:**

Cherrie, J.W., **Loh, M.**, Aitken, R.J., 2020. Protecting healthcare workers from inhaled SARS-CoV-2 virus. *Occupational Medicine* 70, 335–337. <https://doi.org/10.1093/occmed/kqaa077>  
Impact factor: 1.569

**Loh, M.**, Clark, R., Cherrie, J.W., 2020. Heat treatment for reuse of disposable respirators during Covid-19 pandemic: Is filtration and fit adversely affected? medRxiv 2020.04.22.20074989. <https://doi.org/10.1101/2020.04.22.20074989>

Bowyer, C., Hughes, E.E., Netter, L., Smith, M., West, S., Gray, C., Collins, S., Warwick, M., **Loh, M.** and Kairu, C., 2024. Using creative methods for public health messaging: experiences from an informal settlement in Kenya during the pandemic. *Stockholm Environment Institute Report*. <https://doi.org/10.51414/sei2024.033>

West, S., **Loh, M.**, Malley, C. and Bowyer, C. 2021. "Urban air pollution and children in low- and middle-income countries." In Research Series: Cities for Children and Youth, edited by Sarah Sabry. Zurich: Global Alliance - Cities 4 Children.

**Loh, M.**, Fletcher, T., Rhodes, S., Pembrey, L., Canham, R., Hosseini, P., Clabon, K., Smith, A., Pearce, N., Van Tongeren, M., 2022. Covid at Work Study in the Food and Drink Processing Industry: Summary of Results (No. PROTECT-03).