

- Hakkarainen, H., Aakko-Saksa, P., Sainio, M., Ihantola, T., Rönkkö, T. J., Koponen, P., ... Jalava, P. I. (2020). Toxicological evaluation of exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions. *Particle and Fibre Toxicology*, 17(1), [17]. <https://doi.org/10.1186/s12989-020-00348-0>
- Hadrup, N., Saber, A. T., Kyjovska, Z. O., Jacobsen, N. R., Vippola, M., Sarlin, E., ... Vogel, U. (2020). Pulmonary toxicity of Fe₂O₃, ZnFe₂O₄, NiFe₂O₄ and NiZnFe₄O₈ nanomaterials: Inflammation and DNA strand breaks. *ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY*, 74, [103303]. <https://doi.org/10.1016/j.etap.2019.103303>
- Chakraborty, S., Rene, E. R., Lens, P. N. L., Rintala, J., Veiga, M. C., & Kennes, C. (2020). Effect of tungsten and selenium on C₁ gas bioconversion by an enriched anaerobic sludge and microbial community analysis. *Chemosphere*, 250, [126105]. <https://doi.org/10.1016/j.chemosphere.2020.126105>
- Wihersaari, H., Pirjola, L., Karjalainen, P., Saukko, E., Kuuluvainen, H., Kulmala, K., ... Rönkkö, T. (2020). Particulate emissions of a modern diesel passenger car under laboratory and real-world transient driving conditions. *Environmental Pollution*, 265(Part B), [114948]. <https://doi.org/10.1016/j.envpol.2020.114948>
- Savelieva, K., Marttila, T., Lampi, J., Ung-Lanki, S., Elovainio, M., & Pekkanen, J. (2019). Associations between indoor environmental quality in schools and symptom reporting in pupil-administered questionnaires. *Environmental Health: A Global Access Science Source*, 18(1), [115]. <https://doi.org/10.1186/s12940-019-0555-6>
- Simonen, P., Kalliokoski, J., Karjalainen, P., Rönkkö, T., Timonen, H., Saarikoski, S., ... Ntziachristos, L. (2019). Characterization of laboratory and real driving emissions of individual Euro 6 light-duty vehicles – Fresh particles and secondary aerosol formation. *Environmental Pollution*, 255, [113175]. <https://doi.org/10.1016/j.envpol.2019.113175>
- Järvinen, A., Timonen, H., Karjalainen, P., Bloss, M., Simonen, P., Saarikoski, S., ... Rönkkö, T. (2019). Particle emissions of Euro VI, EEV and retrofitted EEV city buses in real traffic. *Environmental Pollution*, 250, 708-716. <https://doi.org/10.1016/j.envpol.2019.04.033>
- Bendtsen, K. M., Brostrøm, A., Koivisto, A. J., Koponen, I., Berthing, T., Bertram, N., ... Vogel, U. (2019). Airport emission particles: Exposure characterization and toxicity following intratracheal instillation in mice. *Particle and Fibre Toxicology*, 16(1), [23]. <https://doi.org/10.1186/s12989-019-0305-5>
- Tan, L. C., Nancharaiah, Y. V., Lu, S., van Hullebusch, E. D., Gerlach, R., & Lens, P. N. L. (2018). Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0. *Chemosphere*, 211, 684-693. <https://doi.org/10.1016/j.chemosphere.2018.07.079>
- Kuuluvainen, H., Poikkimäki, M., Järvinen, A., Kuula, J., Irjala, M., Dal Maso, M., ... Rönkkö, T. (2018). Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon. *Environmental Pollution*, 241, 96-105. <https://doi.org/10.1016/j.envpol.2018.04.100>
- Hyväluoma, J., Kulju, S., Hannula, M., Wikberg, H., Källi, A., & Rasa, K. (2018). Quantitative characterization of pore structure of several biochars with 3D imaging. *Environmental Science and Pollution Research*, 25(26), 1-11. <https://doi.org/10.1007/s11356-017-8823-x>
- Afolaranmi, S. O., Ramis Ferrer, B., & Martinez Lastra, J. L. (2018). Technology review: prototyping platforms for monitoring ambient conditions. *International Journal of Environmental Health Research*, 28(3), 253-279. <https://doi.org/10.1080/09603123.2018.1468423>
- Ledezma, P., Jermakka, J., Keller, J., & Freguia, S. (2017). Recovering Nitrogen as a Solid without Chemical Dosing: Bio-Electroconcentration for Recovery of Nutrients from Urine. *Environmental Science and Technology Letters*, 4(3), 119-124. <https://doi.org/10.1021/acs.estlett.7b00024>
- Korpinen, L., Pirkkalainen, H., Heiskanen, T., & Pääkkönen, R. (2016). The possibility of decreasing 50-HZ electric field exposure near 400-kV power lines with arc flash personal protective equipment. *International Journal of Environmental Research and Public Health*, 13(10), [942]. <https://doi.org/10.3390/ijerph13100942>

Roszak, J., Catalán, J., Järventaus, H., Lindberg, H. K., Suhonen, S., Vippola, M., ... Norppa, H. (2016). Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*, 805, 7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

Szabo, H. M., Lepistö, R., & Tuhkanen, T. (2016). HPLC-SEC: a new approach to characterise complex wastewater effluents. *International Journal of Environmental Analytical Chemistry*, 96(3), 257-270. <https://doi.org/10.1080/03067319.2016.1150463>

Korpinen, L., Kuisti, H., Tarao, H., Virtanen, V., Paakkönen, R., Dovan, T., & Kavet, R. (2016). Possible influences of spark discharges on cardiac pacemakers. *Health Physics*, 110(1), 1-10. <https://doi.org/10.1097/HP.0000000000000373>

Espinosa-Ortiz, E. J., Shakya, M., Jain, R., Rene, E. R., van Hullebusch, E. D., & Lens, P. N. L. (2016). Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets. *Environmental Science and Pollution Research*, 23(21), 21619–21630. <https://doi.org/10.1007/s11356-016-7333-6>

Gomes, M., Leroy, C., Lemaire, S., Marmin, C., Mordon, S., & Ernst, O. (2014). Scanner abdominal: Étude comparative de l'exposition patient en routine clinique sur des appareils avec et sans reconstruction itérative. *Radioprotection*, 49(1), 35-41. <https://doi.org/10.1051/radiopro/2013078>

Kumar, M. S., Praveenkumar, R., Ilavarasi, A., Rajeshwari, K., & Thajuddin, N. (2013). Biochemical changes of fresh water cyanobacteria *dolichospermum flos-aquae* NTMS07 to chromium-induced stress with special reference to antioxidant enzymes and cellular fatty acids. *Bulletin of Environmental Contamination and Toxicology*, 90(6), 730-735. <https://doi.org/10.1007/s00128-013-0984-9>

Heinävaara, S., Tokola, K., Kurttio, P., & Auvinen, A. (2011). Validation of exposure assessment and assessment of recruitment methods for a prospective cohort study of mobile phone users (COSMOS) in Finland: A pilot study. *Environmental Health: A Global Access Science Source*, 10(1), [14]. <https://doi.org/10.1186/1476-069X-10-14>

Sivula, L., Ilander, A., Väisänen, A., & Rintala, J. (2010). Weathering of gasification and grate bottom ash in anaerobic conditions. *Journal of Hazardous Materials*, 174(1-3), 344-351. <https://doi.org/10.1016/j.jhazmat.2009.09.056>

Sormunen, K., Ettala, M., & Rintala, J. (2008). Internal leachate quality in a municipal solid waste landfill: Vertical, horizontal and temporal variation and impacts of leachate recirculation. *Journal of Hazardous Materials*, 160(2-3), 601-607. <https://doi.org/10.1016/j.jhazmat.2008.03.081>

Demarini, D. M., Landi, S., Ohe, T., Shaughnessy, D. T., Franzén, R., & Richard, A. M. (2000). Mutation spectra in *Salmonella* of analogues of MX: Implications of chemical structure for mutational mechanisms. *Mutation Research: Fundamental and Molecular Mechanisms of Mutagenesis*, 453(1), 51-65. [https://doi.org/10.1016/S0027-5107\(00\)00084-1](https://doi.org/10.1016/S0027-5107(00)00084-1)

Shaughnessy, D. T., Ohe, T., Landi, S., Warren, S. H., Richard, A. M., Munter, T., ... DeMarini, D. M. (2000). Mutation spectra of the drinking water mutagen 3-chloro-4-methyl-5-hydroxy-2(5H)-furanone (MCF) in *Salmonella* TA100 and TA104: Comparison to MX. *Environmental and Molecular Mutagenesis*, 35(2), 106-113. [https://doi.org/10.1002/\(SICI\)1098-2280\(2000\)35:2<106::AID-EM5>3.0.CO;2-U](https://doi.org/10.1002/(SICI)1098-2280(2000)35:2<106::AID-EM5>3.0.CO;2-U)

Franzén, R., Goto, S., Tanabe, K., & Morita, M. (1998). Genotoxic activity of chlorinated butenoic acids in *Salmonella typhimurium* strains TA98, TA100 and TA104. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*, 417(1), 31-37. [https://doi.org/10.1016/S1383-5718\(98\)00092-8](https://doi.org/10.1016/S1383-5718(98)00092-8)

Franzén, R., Morita, M., Tanabe, K., Takagi, H., & Shibata, Y. (1997). Investigation of the adducts formed by reaction of butenedioic acids with adenosine. *Chemical Research in Toxicology*, 10(10), 1186-1191. <https://doi.org/10.1021/tx970036d>

Knasmüller, S., Zöhrer, E., Kronberg, L., Kundi, M., Franzen, R., & Schulte-Hermann, R. (1996). Mutational spectra of *Salmonella typhimurium* revertants induced by chlorohydroxyfuranones, byproducts of chlorine disinfection of drinking water. *Chemical Research in Toxicology*, 9(2), 374-381. <https://doi.org/10.1021/tx9500686>

Fekadu, K., Parzefall, W., Kronberg, L., Franzen, R., Schulte-Hermann, R., & Knasmüller, S. (1994). Induction of genotoxic effects by chlorohydroxyfuranones, byproducts of water disinfection, in *E. coli* K-12 cells recovered from various organs of mice. *Environmental and Molecular Mutagenesis*, 24(4), 317-324. <https://doi.org/10.1002/em.2850240409>

Kreuzer, M., Auvinen, A., Cardis, E., Hall, J., Jourdain, J. R., Laurier, D., ... Gomolka, M. (2015). Low-dose ionising radiation and cardiovascular diseases - Strategies for molecular epidemiological studies in Europe. *MUTATION RESEARCH: REVIEWS IN MUTATION RESEARCH*, 764, 90-100. <https://doi.org/10.1016/j.mrrev.2015.03.002>

Du, L., Prasauskas, T., Leivo, V., Turunen, M., Aaltonen, A., Kiviste, M., ... Haverinen-Shaughnessy, U. (2014). Building energy-efficiency interventions in North-East Europe: Effects on indoor environmental quality and public health. In *Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate* (pp. 637-639). International Society of Indoor Air Quality and Climate .

Reponen, T., Saari, S., Mensah-Attipoe, J., Ukkonen, A., Veijalainen, A., Pasanen, P., & Keskinen, J. (2014). Characterization of charge in airborne fungal spores. In *Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate* (pp. 359-361). International Society of Indoor Air Quality and Climate .

Bendtsen, K. M., Brostrøm, A., Koivisto, A. J., Koponen, I., Berthing, T., Bertram, N., ... Vogel, U. (2019). *Airport emission particles: Exposure characterization and toxicity following intratracheal instillation in mice*. Paper presented at Annual meeting 2019 in Danish Society for Pharmacology and Toxicology, Sønderborg, Denmark.

Taylor, J., Altamirano-Medina, H., Shrubsole, C., Das, P., Biddulph, P., Davies, M., ... Oikonomou, E. (2014). *Tuberculosis transmission: Modelled impact of air-tightness in dwellings in the UK*. 60-67. Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong.

Das, P., Chalabi, Z., Davies, M., Hamilton, I., Jones, B., Mavrogianni, A., ... Taylor, J. (2014). *Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling*. 553-555. Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong.