

Bendtsen, KM, Brostrøm, A, Koivisto, AJ, Koponen, I, Berthing, T, Bertram, N, Kling, KI, Dal Maso, M, Kangasniemi, O, Poikkimäki, M, Loeschner, K, Clausen, PA, Wolff, H, Jensen, KA, Saber, AT & Vogel, U 2019, 'Airport emission particles: Exposure characterization and toxicity following intratracheal instillation in mice', *Particle and Fibre Toxicology*, vol. 16, no. 1, 23. <https://doi.org/10.1186/s12989-019-0305-5>

Bendtsen, KM, Brostrøm, A, Koivisto, AJ, Koponen, I, Berthing, T, Bertram, N, Kling, KI, Dal Maso, M, Kangasniemi, O, Poikkimäki, M, Loeschner, K, Clausen, PA, Wolff, H, Jensen, KA, Saber, AT & 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, 6/11/19 - 7/11/19, .

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*, vol. 18, no. 1, 115. <https://doi.org/10.1186/s12940-019-0555-6>

Kumar, MS, 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*, vol. 90, no. 6, pp. 730-735. <https://doi.org/10.1007/s00128-013-0984-9>

Tan, LC, Nancharaiah, YV, Lu, S, van Hullebusch, ED, Gerlach, R & Lens, PNL 2018, 'Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0', *Chemosphere*, vol. 211, pp. 684-693. <https://doi.org/10.1016/j.chemosphere.2018.07.079>

Du, L, Prasauskas, T, Leivo, V, Turunen, M, Aaltonen, A, Kiviste, M, Martuzevicius, D & 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*. International Society of Indoor Air Quality and Climate , pp. 637-639, 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong, 7/07/14.

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*. International Society of Indoor Air Quality and Climate , pp. 359-361, 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong, 7/07/14.

Simonen, P, Kalliokoski, J, Karjalainen, P, Rönkkö, T, Timonen, H, Saarikoski, S, Aurela, M, Bloss, M, Triantafyllopoulos, G, Kontses, A, Amanatidis, S, Dimaratos, A, Samaras, Z, Keskinen, J, Dal Maso, M & 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*, vol. 255, 113175. <https://doi.org/10.1016/j.envpol.2019.113175>

Rozsak, J, Catalán, J, Järventaus, H, Lindberg, HK, Suhonen, S, Vippola, M, Stepnik, 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*, vol. 805, pp. 7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

Chakraborty, S, Rene, ER, Lens, PNL, Rintala, J, Veiga, MC & Kennes, C 2020, 'Effect of tungsten and selenium on  $C_1$  gas bioconversion by an enriched anaerobic sludge and microbial community analysis', *Chemosphere*, vol. 250, 126105. <https://doi.org/10.1016/j.chemosphere.2020.126105>

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*, vol. 417, no. 1, pp. 31-37. [https://doi.org/10.1016/S1383-5718\(98\)00092-8](https://doi.org/10.1016/S1383-5718(98)00092-8)

Szabo, HM, Lepistö, R & Tuhkanen, T 2016, 'HPLC-SEC: a new approach to characterise complex wastewater effluents', *International Journal of Environmental Analytical Chemistry*, vol. 96, no. 3, pp. 257-270. <https://doi.org/10.1080/03067319.2016.1150463>

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*, vol. 24, no. 4, pp. 317-324. <https://doi.org/10.1002/em.2850240409>

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*, vol. 160, no. 2-3, pp. 601-607. <https://doi.org/10.1016/j.jhazmat.2008.03.081>

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*, vol. 10, no. 10, pp. 1186-1191. <https://doi.org/10.1021/tx970036d>

Kreuzer, M, Auvinen, A, Cardis, E, Hall, J, Jourdain, JR, Laurier, D, Little, MP, Peters, A, Raj, K, Russell, NS, Tapio, S, Zhang, W & Gomolka, M 2015, 'Low-dose ionising radiation and cardiovascular diseases - Strategies for molecular epidemiological studies in Europe', *MUTATION RESEARCH: REVIEWS IN MUTATION RESEARCH*, vol. 764, pp. 90-100. <https://doi.org/10.1016/j.mrrev.2015.03.002>

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*, vol. 9, no. 2, pp. 374-381. <https://doi.org/10.1021/tx9500686>

Demarini, DM, Landi, S, Ohe, T, Shaughnessy, DT, Franzén, R & Richard, AM 2000, 'Mutation spectra in Salmonella of analogues of MX: Implications of chemical structure for mutational mechanisms', *Mutation Research: Fundamental and Molecular Mechanisms of Mutagenesis*, vol. 453, no. 1, pp. 51-65. [https://doi.org/10.1016/S0027-5107\(00\)00084-1](https://doi.org/10.1016/S0027-5107(00)00084-1)

Shaughnessy, DT, Ohe, T, Landi, S, Warren, SH, Richard, AM, Munter, T, Franzén, R, Kronberg, L & DeMarini, DM 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*, vol. 35, no. 2, pp. 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)

Järvinen, A, Timonen, H, Karjalainen, P, Bloss, M, Simonen, P, Saarikoski, S, Kuuluvainen, H, Kalliokoski, J, Dal Maso, M, Niemi, JV, Keskinen, J & Rönkkö, T 2019, 'Particle emissions of Euro VI, EEV and retrofitted EEV city buses in real traffic', *Environmental Pollution*, vol. 250, pp. 708-716. <https://doi.org/10.1016/j.envpol.2019.04.033>

Wiheraari, H, Pirjola, L, Karjalainen, P, Saukko, E, Kuuluvainen, H, Kulmala, K, Keskinen, J & Rönkkö, T 2020, 'Particulate emissions of a modern diesel passenger car under laboratory and real-world transient driving conditions', *Environmental Pollution*, vol. 265, no. Part B, 114948. <https://doi.org/10.1016/j.envpol.2020.114948>

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*, vol. 110, no. 1, pp. 1-10. <https://doi.org/10.1097/HP.0000000000000373>

Hadrup, N, Saber, AT, Kyjovska, ZO, Jacobsen, NR, Vippola, M, Sarlin, E, Ding, Y, Schmid, O, Wallin, H, Jensen, KA & Vogel, U 2020, 'Pulmonary toxicity of Fe<sub>2</sub>O<sub>3</sub>, ZnFe<sub>2</sub>O<sub>4</sub>, NiFe<sub>2</sub>O<sub>4</sub> and NiZnFe<sub>4</sub>O<sub>8</sub> nanomaterials: Inflammation and DNA strand breaks', *ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY*, vol. 74, 103303. <https://doi.org/10.1016/j.etap.2019.103303>

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*, vol. 25, no. 26, pp. 1-11. <https://doi.org/10.1007/s11356-017-8823-x>

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*, vol. 4, no. 3, pp. 119-124. <https://doi.org/10.1021/acs.estlett.7b00024>

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*, vol. 49, no. 1, pp. 35-41. <https://doi.org/10.1051/radiopro/2013078>

Espinosa-Ortiz, EJ, Shakya, M, Jain, R, Rene, ER, van Hullebusch, ED & Lens, PNL 2016, 'Sorption of zinc onto elemental selenium nanoparticles immobilized in Phanerochaete chrysosporium pellets', *Environmental Science and Pollution Research*, vol. 23, no. 21, pp. 21619–21630. <https://doi.org/10.1007/s11356-016-7333-6>

Afolaranmi, SO, Ramis Ferrer, B & Martinez Lastra, JL 2018, 'Technology review: prototyping platforms for monitoring ambient conditions', *International Journal of Environmental Health Research*, vol. 28, no. 3, pp. 253-279. <https://doi.org/10.1080/09603123.2018.1468423>

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*, vol. 13, no. 10, 942. <https://doi.org/10.3390/ijerph13100942>

Hakkarainen, H, Aakko-Saksa, P, Sainio, M, Ihantola, T, Rönkkö, TJ, Koponen, P, Rönkkö, T & Jalava, PI 2020, 'Toxicological evaluation of exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions', *Particle and Fibre Toxicology*, vol. 17, no. 1, 17. <https://doi.org/10.1186/s12989-020-00348-0>

Taylor, J, Altamirano-Medina, H, Shrubsole, C, Das, P, Biddulph, P, Davies, M, Mavrogianni, A & Oikonomou, E 2014, 'Tuberculosis transmission: Modelled impact of air-tightness in dwellings in the UK' Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong, 7/07/14 - 12/07/14, pp. 60-67.

Das, P, Chalabi, Z, Davies, M, Hamilton, I, Jones, B, Mavrogianni, A, Shrubsole, C & Taylor, J 2014, 'Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling' Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong, 7/07/14 - 12/07/14, pp. 553-555.

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*, vol. 10, no. 1, 14. <https://doi.org/10.1186/1476-069X-10-14>

Kuuluvainen, H, Poikkimäki, M, Järvinen, A, Kuula, J, Irjala, M, Dal Maso, M, Keskinen, J, Timonen, H, Niemi, JV & Rönkkö, T 2018, 'Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon', *Environmental Pollution*, vol. 241, pp. 96-105. <https://doi.org/10.1016/j.envpol.2018.04.100>

Sivula, L, Ilander, A, Väisänen, A & Rintala, J 2010, 'Weathering of gasification and grate bottom ash in anaerobic conditions', *Journal of Hazardous Materials*, vol. 174, no. 1-3, pp. 344-351. <https://doi.org/10.1016/j.jhazmat.2009.09.056>