

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*. 16(1). <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.

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). <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*. 90(6):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*. 211:684-693. <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.

Reponen T, Saari S, Mensah-Attipoe J, Ukkonen A, Veijalainen A, Pasanen P, Keskinen J. 2014. Characterization of change 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.

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*. 255. <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*. 805:7-18. <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<sub>1</sub> gas bioconversion by an enriched anaerobic sludge and microbial community analysis. *Chemosphere*. 250. <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*. 417(1):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*. 96(3):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*. 24(4):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*. 160(2-3):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*. 10(10):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*. 764:90-100. <https://doi.org/10.1016/j.mrrev.2015.03.002>

Knasmuller 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>

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*. 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 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*. 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)

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*. 250:708-716. <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*. 265(Part B). <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*. 110(1):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*. 74. <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*. 25(26):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*. 4(3):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*. 49(1):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*. 23(21):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*. 28(3):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*. 13(10). <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*. 17(1). <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.

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.

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). <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*. 241:96-105. <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*. 174(1-3):344-351. <https://doi.org/10.1016/j.jhazmat.2009.09.056>