

Hakkarainen, Henri ; Aakko-Saksa, Päivi ; Sainio, Maija ; Ihantola, Tuukka ; Rönkkö, Teemu J. ; Koponen, Päivi ; Rönkkö, Topi ; Jalava, Pasi I. / **Toxicological evaluation of exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions.** In: Particle and Fibre Toxicology. 2020 ; Vol. 17, No. 1.

Hadrup, Niels ; Saber, Anne T. ; Kyjovska, Zdenka O. ; Jacobsen, Nicklas R. ; Vippola, Minnamari ; Sarlin, Essi ; Ding, Yaobo ; Schmid, Otmar ; Wallin, Håkan ; Jensen, Keld A. ; Vogel, Ulla. / **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.** In: ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY. 2020 ; Vol. 74.

Chakraborty, Samayita ; Rene, Eldon R. ; Lens, Piet N.L. ; Rintala, Jukka ; Veiga, María C. ; Kennes, Christian. / **Effect of tungsten and selenium on C<sub>1</sub> gas bioconversion by an enriched anaerobic sludge and microbial community analysis.** In: Chemosphere. 2020 ; Vol. 250.

Wiheraari, Hugo ; Pirjola, Liisa ; Karjalainen, Panu ; Saukko, Erkka ; Kuuluvainen, Heino ; Kulmala, Kari ; Keskinen, Jorma ; Rönkkö, Topi. / **Particulate emissions of a modern diesel passenger car under laboratory and real-world transient driving conditions.** In: Environmental Pollution. 2020 ; Vol. 265, No. Part B.

Savelieva, Kateryna ; Marttila, Tero ; Lampi, Jussi ; Ung-Lanki, Sari ; Elovainio, Marko ; Pekkanen, Juha. / **Associations between indoor environmental quality in schools and symptom reporting in pupil-administered questionnaires.** In: Environmental Health: A Global Access Science Source. 2019 ; Vol. 18, No. 1.

Simonen, Pauli ; Kalliokoski, Joni ; Karjalainen, Panu ; Rönkkö, Topi ; Timonen, Hilikka ; Saarikoski, Sanna ; Aurela, Minna ; Bloss, Matthew ; Triantafyllopoulos, Georgios ; Kontses, Anastasios ; Amanatidis, Stavros ; Dimaratos, Athanasios ; Samaras, Zissis ; Keskinen, Jorma ; Dal Maso, Miikka ; Ntziachristos, Leonidas. / **Characterization of laboratory and real driving emissions of individual Euro 6 light-duty vehicles – Fresh particles and secondary aerosol formation.** In: Environmental Pollution. 2019 ; Vol. 255.

Järvinen, Anssi ; Timonen, Hilikka ; Karjalainen, Panu ; Bloss, Matthew ; Simonen, Pauli ; Saarikoski, Sanna ; Kuuluvainen, Heino ; Kalliokoski, Joni ; Dal Maso, Miikka ; Niemi, Jarkko V. ; Keskinen, Jorma ; Rönkkö, Topi. / **Particle emissions of Euro VI, EEV and retrofitted EEV city buses in real traffic.** In: Environmental Pollution. 2019 ; Vol. 250. pp. 708-716.

Bendtsen, Katja Maria ; Brostrøm, Anders ; Koivisto, Antti Joonas ; Koponen, Ismo ; Berthing, Trine ; Bertram, Nicolas ; Kling, Kirsten Inga ; Dal Maso, Miikka ; Kangasniemi, Oskari ; Poikkimäki, Mikko ; Loeschner, Katrin ; Clausen, Per Axel ; Wolff, Henrik ; Jensen, Keld Alstrup ; Saber, Anne Thoustrup ; Vogel, Ulla. / **Airport emission particles : Exposure characterization and toxicity following intratracheal instillation in mice.** In: Particle and Fibre Toxicology. 2019 ; Vol. 16, No. 1.

Tan, Lea Chua ; Nancharaiyah, Yarlagadda V. ; Lu, Shipeng ; van Hullebusch, Eric D. ; Gerlach, Robin ; Lens, Piet N.L. / **Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0.** In: Chemosphere. 2018 ; Vol. 211. pp. 684-693.

Kuuluvainen, Heino ; Poikkimäki, Mikko ; Järvinen, Anssi ; Kuula, Joel ; Irjala, Matti ; Dal Maso, Miikka ; Keskinen, Jorma ; Timonen, Hilikka ; Niemi, Jarkko V. ; Rönkkö, Topi. / **Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon.** In: Environmental Pollution. 2018 ; Vol. 241. pp. 96-105.

Hyväluoma, Jari ; Kulju, Sampo ; Hannula, Markus ; Wikberg, Hanne ; Källi, Anssi ; Rasa, Kimmo. / **Quantitative characterization of pore structure of several biochars with 3D imaging.** In: Environmental Science and Pollution Research. 2018 ; Vol. 25, No. 26. pp. 1-11.

Afolaranmi, Samuel Olaiya ; Ramis Ferrer, Borja ; Martinez Lastra, Jose Luis. / **Technology review : prototyping platforms for monitoring ambient conditions.** In: International Journal of Environmental Health Research. 2018 ; Vol. 28, No. 3. pp. 253-279.

Ledezma, Pablo ; Jermakka, Johannes ; Keller, Jurg ; Freguia, Stefano. / **Recovering Nitrogen as a Solid without Chemical Dosing : Bio-Electroconcentration for Recovery of Nutrients from Urine.** In: Environmental Science and Technology Letters. 2017 ; Vol. 4, No. 3. pp. 119-124.

Korpinen, Leena ; Pirkkalainen, Herkko ; Heiskanen, Timo ; Pääkkönen, Rauno. / **The possibility of decreasing 50-HZ electric field exposure near 400-kV power lines with arc flash personal protective equipment.** In: International Journal of Environmental Research and Public Health. 2016 ; Vol. 13, No. 10.

Roszak, Joanna ; Catalán, Julia ; Järventaus, Hilka ; Lindberg, Hanna K. ; Suhonen, Satu ; Vippola, Minnamari ; Stepnik, Maciej ; Norppa, Hannu. / **Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells.** In: Mutation Research: Genetic Toxicology and Environmental Mutagenesis. 2016 ; Vol. 805. pp. 7-18.

Szabo, Hilda Marta ; Lepistö, Raghida ; Tuhkanen, Tuula. / **HPLC-SEC : a new approach to characterise complex wastewater effluents.** In: International Journal of Environmental Analytical Chemistry. 2016 ; Vol. 96, No. 3. pp. 257-270.

Korpinen, Leena ; Kuisti, Harri ; Tarao, Hiroo ; Virtanen, Vesa ; Paakkönen, Rauno ; Dovan, Thanh ; Kavet, Robert. / **Possible influences of spark discharges on cardiac pacemakers.** In: Health Physics. 2016 ; Vol. 110, No. 1. pp. 1-10.

Espinosa-Ortiz, Erika J. ; Shakya, Manisha ; Jain, Rohan ; Rene, Eldon R. ; van Hullebusch, Eric D. ; Lens, Piet N. L. / **Sorption of zinc onto elemental selenium nanoparticles immobilized in Phanerochaete chrysosporium pellets.** In: Environmental Science and Pollution Research. 2016 ; Vol. 23, No. 21. pp. 21619–21630.

Gomes, M. ; Leroy, C. ; Lemaire, S. ; Marmin, C. ; Mordon, S. ; Ernst, O. / **Scanner abdominal : Étude comparative de l'exposition patient en routine clinique sur des appareils avec et sans reconstruction itérative.** In: Radioprotection. 2014 ; Vol. 49, No. 1. pp. 35-41.

Kumar, Muthukannan Satheesh ; Praveenkumar, Ramasamy ; Ilavarasi, Asokraja ; Rajeshwari, Kamaraj ; Thajuddin, Nooruddin. / **Biochemical changes of fresh water cyanobacteria dolichospermum flos-aquae NTMS07 to chromium-induced stress with special reference to antioxidant enzymes and cellular fatty acids.** In: Bulletin of Environmental Contamination and Toxicology. 2013 ; Vol. 90, No. 6. pp. 730-735.

Heinävaara, Sirpa ; Tokola, Kari ; Kurttio, Päivi ; Auvinen, Anssi. / **Validation of exposure assessment and assessment of recruitment methods for a prospective cohort study of mobile phone users (COSMOS) in Finland : A pilot study.** In: Environmental Health: A Global Access Science Source. 2011 ; Vol. 10, No. 1.

Sivula, Leena ; Ilander, Aki ; Väisänen, Ari ; Rintala, Jukka. / **Weathering of gasification and grate bottom ash in anaerobic conditions.** In: Journal of Hazardous Materials. 2010 ; Vol. 174, No. 1-3. pp. 344-351.

Sormunen, Kai ; Ettala, Matti ; Rintala, Jukka. / **Internal leachate quality in a municipal solid waste landfill : Vertical, horizontal and temporal variation and impacts of leachate recirculation.** In: Journal of Hazardous Materials. 2008 ; Vol. 160, No. 2-3. pp. 601-607.

Demarini, David M. ; Landi, Stefano ; Ohe, Takeshi ; Shaughnessy, Daniel T. ; Franzén, Robert ; Richard, Ann M. / **Mutation spectra in Salmonella of analogues of MX : Implications of chemical structure for mutational mechanisms.** In: Mutation Research: Fundamental and Molecular Mechanisms of Mutagenesis. 2000 ; Vol. 453, No. 1. pp. 51-65.

Shaughnessy, Daniel T. ; Ohe, Takeshi ; Landi, Stefano ; Warren, Sarah H. ; Richard, Ann M. ; Munter, Tony ; Franzén, Robert ; Kronberg, Leif ; DeMarini, David M. / **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.** In: Environmental and Molecular Mutagenesis. 2000 ; Vol. 35, No. 2. pp. 106-113.

Franzén, Robert ; Goto, Sumio ; Tanabe, Kiyoshi ; Morita, Masatoshi. / **Genotoxic activity of chlorinated butenoic acids in Salmonella typhimurium strains TA98, TA100 and TA104.** In: Mutation Research: Genetic Toxicology and Environmental Mutagenesis. 1998 ; Vol. 417, No. 1. pp. 31-37.

Franzén, Robert ; Morita, Masatoshi ; Tanabe, Kiyoshi ; Takagi, Hiroo ; Shibata, Yasuyuki. / **Investigation of the adducts formed by reaction of butenedioic acids with adenosine**. In: Chemical Research in Toxicology. 1997 ; Vol. 10, No. 10. pp. 1186-1191.

Knasmüller, Siegfried ; Zöhrer, Edith ; Kronberg, Leif ; Kundi, Michael ; Franzen, Robert ; Schulte-Hermann, Rolf. / **Mutational spectra of Salmonella typhimurium revertants induced by chlorohydroxyfuranones, byproducts of chlorine disinfection of drinking water**. In: Chemical Research in Toxicology. 1996 ; Vol. 9, No. 2. pp. 374-381.

Fekadu, K. ; Parzefall, W. ; Kronberg, L. ; Franzen, R. ; Schulte-Hermann, R. ; Knasmüller, S. / **Induction of genotoxic effects by chlorohydroxyfuranones, byproducts of water disinfection, in E. coli K-12 cells recovered from various organs of mice**. In: Environmental and Molecular Mutagenesis. 1994 ; Vol. 24, No. 4. pp. 317-324.

Kreuzer, Michaela ; Auvinen, Anssi ; Cardis, Elisabeth ; Hall, Janet ; Jourdain, Jean Rene ; Laurier, Dominique ; Little, Mark P. ; Peters, Annette ; Raj, Ken ; Russell, Nicola S. ; Tapio, Soile ; Zhang, Wei ; Gomolka, Maria. / **Low-dose ionising radiation and cardiovascular diseases - Strategies for molecular epidemiological studies in Europe**. In: MUTATION RESEARCH: REVIEWS IN MUTATION RESEARCH. 2015 ; Vol. 764. pp. 90-100.

Du, Liuliu ; Prasauskas, Tadas ; Leivo, Virpi ; Turunen, Mari ; Aaltonen, Anu ; Kiviste, Mihkel ; Martuzevicius, Dainius ; Haverinen-Shaughnessy, Ulla. / **Building energy-efficiency interventions in North-East Europe : Effects on indoor environmental quality and public health**. Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate. International Society of Indoor Air Quality and Climate , 2014. pp. 637-639

Reponen, Tiina ; Saari, Sampo ; Mensah-Attipoe, Jacob ; Ukkonen, Ari ; Veijalainen, Annamaria ; Pasanen, Pertti ; Keskinen, Jorma. / **Characterization of charge in airborne fungal spores**. Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate. International Society of Indoor Air Quality and Climate , 2014. pp. 359-361

Bendtsen, Katja Maria ; Brostrøm, Anders ; Koivisto, Antti Joonas ; Koponen, Ismo ; Berthing, Trine ; Bertram, Nicolas ; Kling, Kirsten Inga ; Dal Maso, Miikka ; Kangasniemi, Oskari ; Poikkimäki, Mikko ; Loeschner, Katrin ; Clausen, Per Axel ; Wolff, Henrik ; Jensen, Keld Alstrup ; Saber, Anne Thoustrup ; Vogel, Ulla. / **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, Jonathon ; Altamirano-Medina, Hector ; Shrubsole, Clive ; Das, Payel ; Biddulph, Phillip ; Davies, Michael ; Mavrogianni, Anna ; Oikonomou, Eleni. / **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.8 p.

Das, Payel ; Chalabi, Zaid ; Davies, Michael ; Hamilton, Ian ; Jones, Benjamin ; Mavrogianni, Anna ; Shrubsole, Clive ; Taylor, Jonathon. / **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.3 p.