

Aakko-Saksa, Päivi ; Koponen, Päivi ; Aurela, Minna ; Vesala, Hannu ; Piimäkorpi, Pekka ; Murtonen, Timo ; Sippula, Olli ; Koponen, Hanna ; Karjalainen, Panu ; Kuittinen, Niina ; Panteliadis, Pavlos ; Rönkkö, Topi ; Timonen, Hilikka. / **Considerations in analysing elemental carbon from marine engine exhaust using residual, distillate and biofuels.** In: Journal of Aerosol Science. 2018 ; Vol. 126. pp. 191-204.

Alanen, Jenni ; Isotalo, Mia ; Kuittinen, Niina ; Simonen, Pauli ; Martikainen, Sampsa ; Kuuluvainen, Heino ; Honkanen, Mari ; Lehtoranta, Kati ; Nyyssönen, Sami ; Vesala, Hannu ; Timonen, Hilikka ; Aurela, Minna ; Keskinen, Jorma ; Rönkkö, Topi. / **Physical Characteristics of Particle Emissions from a Medium Speed Ship Engine Fueled with Natural Gas and Low-Sulfur Liquid Fuels.** In: Environmental Science and Technology. 2020 ; Vol. 54, No. 9. pp. 5376-5384.

Amanatidis, Stavros ; Ntziachristos, Leonidas ; Giechaskiel, Barouch ; Bergmann, Alexander ; Samaras, Zissis. / **Impact of selective catalytic reduction on exhaust particle formation over excess ammonia events.** In: Environmental Science and Technology. 2014 ; Vol. 48, No. 19. pp. 11527-11534.

Amanatidis, Stavros ; Ntziachristos, Leonidas ; Giechaskiel, Barouch ; Katsaounis, Dimitrios ; Samaras, Zissis ; Bergmann, Alexander. / **Evaluation of an oxidation catalyst ("catalytic stripper") in eliminating volatile material from combustion aerosol.** In: Journal of Aerosol Science. 2013 ; Vol. 57. pp. 144-155.

Amanatidis, Stavros ; Ntziachristos, Leonidas ; Karjalainen, Panu ; Saukko, Erkka ; Simonen, Pauli ; Kuittinen, Niina ; Aakko-Saksa, Päivi ; Timonen, Hilikka ; Rönkkö, Topi ; Keskinen, Jorma. / **Comparative performance of a thermal denuder and a catalytic stripper in sampling laboratory and marine exhaust aerosols.** In: Aerosol Science and Technology. 2018 ; Vol. 52, No. 4. pp. 1-13.

Arffman, Anssi ; Kuuluvainen, Heino ; Harra, Juha ; Vuorinen, Ossi ; Juuti, Paxton ; Yli-Ojanperä, Jaakko ; Mäkelä, Jyrki ; Keskinen, Jorma. / **The critical velocity of rebound determined for sub-micron silver particles with a variable nozzle area impactor.** In: Journal of Aerosol Science. 2015 ; Vol. 86. pp. 32-43.

Arffman, A. ; Juuti, P. ; Harra, J. ; Keskinen, J. / **Differential diffusion analyzer.** In: Aerosol Science and Technology. 2017 ; Vol. 51, No. 12. pp. 1429-1437.

Bayr, Suvi ; Kaparaju, Prasad ; Rintala, Jukka. / **Screening pretreatment methods to enhance thermophilic anaerobic digestion of pulp and paper mill wastewater treatment secondary sludge.** In: Chemical Engineering Journal. 2013 ; Vol. 223. pp. 479-486.

Carbone, Samara ; Timonen, Hilikka J. ; Rostedt, Antti ; Happonen, Matti ; Rönkkö, Topi ; Keskinen, Jorma ; Ristimäki, Jyrki ; Korpi, Heikki ; Artaxo, Paulo ; Canagaratna, Manjula ; Worsnop, Douglas ; Canonaco, Francesco ; Prévôt, Andre S.H. ; Hillamo, Risto ; Saarikoski, Sanna. / **Distinguishing fuel and lubricating oil combustion products in diesel engine exhaust particles.** In: Aerosol Science and Technology. 2019 ; Vol. 53, No. 5. pp. 594-607.

Chakraborty, Samayita ; Rene, Eldon R. ; Lens, Piet N.L. ; Rintala, Jukka ; Veiga, María C. ; Kennes, Christian. / **Effect of tungsten and selenium on C₁ gas bioconversion by an enriched anaerobic sludge and microbial community analysis.** In: Chemosphere. 2020 ; Vol. 250.

Chu, Biwu ; Dada, Lubna ; Liu, Yongchun ; Yao, Lei ; Wang, Yonghong ; Du, Wei ; Cai, Jing ; Dällenbach, K. R. ; Chen, Xuemeng ; Simonen, Pauli ; Zhou, Ying ; Deng, Chenjuan ; Fu, Yueyun ; Yin, Rujing ; Li, Haiyan ; He, Xu Cheng ; Feng, Zeming ; Yan, Chao ; Kangasluoma, Juha ; Bianchi, Federico ; Jiang, Jingkun ; Kujansuu, Joni ; Kerminen, Veli Matti ; Petäjä, Tuukka ; He, Hong ; Kulmala, Markku. / **Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China.** In: Science of the Total Environment. 2020 ; Vol. 753.

Dal Maso, Miikka ; Gao, Jian ; Järvinen, Anssi ; Li, Hui ; Luo, Datong ; Janka, Kauko ; Rönkkö, Topi. / **Improving urban air quality measurements by a diffusion charger based electrical particle sensors : A field study in Beijing, China.** In: Aerosol and Air Quality Research. 2016 ; Vol. 16, No. 12. pp. 3001-3011.

Di Capua, Francesco ; Papirio, Stefano ; Lens, Piet N L ; Esposito, Giovanni. / **Chemolithotrophic denitrification in biofilm reactors.** In: Chemical Engineering Journal. 2015 ; Vol. 280. pp. 643-657.

Doddapaneni, Tharaka Rama Krishna C. ; Jain, Rohan ; Praveenkumar, Ramasamy ; Rintala, Jukka ; Romar, Henrik ; Konttinen, Jukka. / **Adsorption of furfural from torrefaction condensate using torrefied biomass**. In: Chemical Engineering Journal. 2018 ; Vol. 334. pp. 558-568.

Dressen, Mark H C L ; Stumpel, Jelle E. ; Van De Kruijs, Bastiaan H P ; Meuldijk, Jan ; Vekemans, Jef A J M ; Hulshof, Lambertus A. / **The mechanism of the oxidation of benzyl alcohol by iron(III)nitrate : Conventional versus microwave heating**. In: Green Chemistry. 2009 ; Vol. 11, No. 1. pp. 60-64.

Einola, J.-K. M. ; Sormunen, K. M. ; Rintala, J. A. / **Methane oxidation in a boreal climate in an experimental landfill cover composed from mechanically-biologically treated waste**. In: Science of the Total Environment. 2008 ; Vol. 407, No. 1. pp. 67-83.

Eregowda, Tejaswini ; Kokko, Marika E. ; Rene, Eldon R. ; Rintala, Jukka ; Lens, Piet N.L. / **Volatile fatty acid production from Kraft mill foul condensate in upflow anaerobic sludge blanket reactors**. In: Environmental Technology (United Kingdom). 2020.

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.

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.

Franzén, Robert ; Tanabe, Kiyoshi ; Morita, Masatoshi. / **Ring-chain tautomerism of chlorinated hydroxyfuranones and reaction with nucleosides**. In: Chemosphere. 1999 ; Vol. 38, No. 5. pp. 973-980.

Franzén, Robert ; Tanabe, Kiyoshi ; Morita, Masatoshi. / **Isolation of a MX-guanosine adduct formed at physiological conditions**. In: Chemosphere. 1998 ; Vol. 36, No. 13. pp. 2803-2808.

Franzén, Robert ; Kronberg, Leif. / **Determination of chlorinated 5-methyl-5-hydroxyfuranones in drinking water, in chlorinated humic water, and in pulp bleaching liquor**. In: Environmental Science and Technology. 1994 ; Vol. 28, No. 12. pp. 2222-2227.

Gerlofs-Nijland, Miriam E. ; Totlandsdal, Annike I. ; Tzamkiozis, Theodoros ; Leseman, Daan L A C ; Samaras, Zissis ; Låg, Marit ; Schwarze, Per ; Ntziachristos, Leonidas ; Cassee, Flemming R. / **Cell toxicity and oxidative potential of engine exhaust particles : Impact of using particulate filter or biodiesel fuel blend**. In: Environmental Science and Technology. 2013 ; Vol. 47, No. 11. pp. 5931-5938.

Giechaskiel, Barouch ; Maricq, Matti ; Ntziachristos, Leonidas ; Dardiotis, Christos ; Wang, Xiaoliang ; Axmann, Harald ; Bergmann, Alexander ; Schindler, Wolfgang. / **Review of motor vehicle particulate emissions sampling and measurement : From smoke and filter mass to particle number**. In: Journal of Aerosol Science. 2014 ; Vol. 67. pp. 48-86.

Haavisto, Johanna ; Dessì, Paolo ; Chatterjee, Pritha ; Honkanen, Mari ; Noori, Md Tabish ; Kokko, Marika ; Lakaniemi, Aino Maija ; Lens, Piet N.L. ; Puhakka, Jaakko A. / **Effects of anode materials on electricity production from xylose and treatability of TMP wastewater in an up-flow microbial fuel cell**. In: Chemical Engineering Journal. 2019 ; Vol. 372. pp. 141-150.

Hajdu-Rahkama, Réka ; Özkaya, Bestamin ; Lakaniemi, Aino Maija ; Puhakka, Jaakko A. / **Kinetics and modelling of thiosulphate biotransformations by haloalkaliphilic Thioalkalivibrio versutus**. In: Chemical Engineering Journal. 2020 ; Vol. 401.

Heikkilä, Paavo ; Rossi, Jussi ; Rostedt, Antti ; Huhtala, Janne ; Järvinen, Anssi ; Toivonen, Juha ; Keskinen, Jorma. / **Toward elemental analysis of ambient single particles using electrodynamic balance and laser-induced breakdown spectroscopy.** In: Aerosol Science and Technology. 2020.

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.

Jagadabhi, P. S. ; Lehtomäki, A. ; Rintala, J. / **CO-digestion of grass silage and cow manure in a CSTR by re-circulation of alkali treated solids of the digestate.** In: Environmental Technology. 2008 ; Vol. 29, No. 10. pp. 1085-1093.

Jagadabhi, Padma Shanthi ; Kaparaju, Prasad ; Väisänen, Ari ; Rintala, Jukka. / **Effect of macro- and micro-nutrients addition during anaerobic mono-digestion of grass silage in leach-bed reactors.** In: Environmental Technology. 2019 ; Vol. 40, No. 4. pp. 418-429.

Jain, Rohan ; Dominic, Domician ; Jordan, Norbert ; Rene, Eldon R. ; Weiss, Stephan ; van Hullebusch, Eric D. ; Hübner, René ; Lens, Piet N L. / **Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles.** In: Chemical Engineering Journal. 2016 ; Vol. 284. pp. 917-925.

Jain, Rohan ; Dominic, Domician ; Jordan, Norbert ; Rene, Eldon R. ; Weiss, Stephan ; van Hullebusch, Eric D. ; Hübner, René ; Lens, Piet N L. / **Higher Cd adsorption on biogenic elemental selenium nanoparticles.** In: ENVIRONMENTAL CHEMISTRY LETTERS. 2016 ; Vol. 14, No. 3. pp. 381-386.

Järvinen, A. ; Keskinen, J. ; Yli-Ojanperä, J. / **Extending the Faraday cup aerosol electrometer based calibration method up to 5 µm.** In: Aerosol Science and Technology. 2018 ; Vol. 52, No. 8. pp. 828-840.

Juuti, Paxton ; Arffman, Anssi ; Rostedt, Antti ; Harra, Juha ; Mäkelä, Jyrki M. ; Keskinen, Jorma. / **Real-time effective density monitor (DENSMO) for aerosol nanoparticle production.** In: Aerosol Science and Technology. 2016 ; Vol. 50, No. 5. pp. 487-496.

Juuti, Paxton ; Nikka, Markus ; Gunell, Marianne ; Eerola, Erkki ; Saarinen, Jarkko J. ; Omori, Youichi ; Seto, Takafumi ; Mäkelä, Jyrki M. / **Fabrication of fiber filters with antibacterial properties for VOC and particle removal.** In: Aerosol and Air Quality Research. 2019 ; Vol. 19, No. 8. pp. 1892-1899.

Kaparaju, P. L N ; Rintala, J. A. / **Thermophilic anaerobic digestion of industrial orange waste.** In: Environmental Technology. 2006 ; Vol. 27, No. 6. pp. 623-633.

Kaparaju, P. L N ; Rintala, J. A. / **The effects of post-treatments and temperature on recovering the methane potential of >2 mm solid fraction of digested cow manure.** In: Environmental Technology. 2005 ; Vol. 26, No. 6. pp. 625-631.

Kaparaju, P. L N ; Rintala, J. A. / **Effects of temperature on post-methanation of digested dairy cow manure in a farm-scale biogas production system.** In: Environmental Technology. 2003 ; Vol. 24, No. 10. pp. 1315-1321.

Kaparaju, Prasad ; Rintala, Jukka ; Oikari, Aimo. / **Agricultural potential of anaerobically digested industrial orange waste with and without aerobic post-treatment.** In: Environmental Technology. 2012 ; Vol. 33, No. 1. pp. 85-94.

Karjalainen, Panu ; Saari, Sampo ; Kuuluvainen, Heino ; Kalliohaka, Tapio ; Taipale, Aimo ; Rönkkö, Topi. / **Performance of ventilation filtration technologies on characteristic traffic related aerosol down to nanocluster size.** In: Aerosol Science and Technology. 2017 ; Vol. 51, No. 12. pp. 1398-1408.

Karjalainen, Panu ; Rönkkö, Topi ; Simonen, Pauli ; Ntziachristos, Leonidas ; Juuti, Paxton ; Timonen, Hilka ; Teinilä, Kimmo ; Saarikoski, Sanna ; Saveljeff, Henna ; Lauren, Mika ; Happonen, Matti ; Matilainen, Pekka ; Maunula, Teuvo ; Nuottimäki, Jukka ; Keskinen, Jorma. / **Strategies To Diminish the Emissions of Particles and Secondary Aerosol Formation from Diesel Engines.** In: Environmental science & technology. 2019 ; Vol. 53, No. 17. pp. 10408-10416.

Karvinen, Jennika ; Joki, Tiina ; Ylä-Outinen, Laura ; Koivisto, Janne T. ; Narkilahti, Susanna ; Kellomäki, Minna. / **Soft hydrazone crosslinked hyaluronan- and alginate-based hydrogels as 3D supportive matrices for human pluripotent stem cell-derived neuronal cells**. In: Reactive and Functional Polymers. 2018 ; Vol. 124. pp. 29-39.

Kettunen, Riitta H. ; Einola, Juha Kalle M ; Rintala, Jukka A. / **Landfill methane oxidation in engineered soil columns at low temperature**. In: Water Air and Soil Pollution. 2006 ; Vol. 177, No. 1-4. pp. 313-334.

Koivisto, A. J. ; Jensen, A. C Ø ; Levin, M. ; Kling, K. I. ; Maso, M. Dal ; Nielsen, S. H. ; Jensen, K. A. ; Koponen, I. K. / **Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory**. In: Environmental Sciences: Processes and Impacts. 2015 ; Vol. 17, No. 1. pp. 62-73.

Kuula, Joel ; Kuuluvainen, Heino ; Rönkkö, Topi ; Niemi, Jarkko V. ; Saukko, Erkka ; Portin, Harri ; Aurela, Minna ; Saarikoski, Sanna ; Rostedt, Antti ; Hillamo, Risto ; Timonen, Hilikka. / **Applicability of optical and diffusion charging-based particulate matter sensors to urban air quality measurements**. In: Aerosol and Air Quality Research. 2019 ; Vol. 19, No. 5. pp. 1024-1039.

Kuuluvainen, Heino ; Saari, Sampo ; Mensah-Attipoe, Jacob ; Arffman, Anssi ; Pasanen, Pertti ; Reponen, Tiina ; Keskinen, Jorma. / **Triboelectric charging of fungal spores during resuspension and rebound**. In: Aerosol Science and Technology. 2016 ; Vol. 50, No. 2. pp. 187-197.

Länsivaara, Tim. / **Editorial**. In: Environmental Geotechnics. 2018 ; Vol. 5, No. 6.

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.

Lehmusto, Juho ; Olin, Miska ; Viljanen, Jan ; Kalliokoski, Joni ; Mylläri, Fanni ; Toivonen, Juha ; Dal Maso, Miikka ; Hupa, Leena. / **Detection of gaseous species during KCl-induced high-temperature corrosion by the means of CPFAAS and CI-API-TOF**. In: Materials and Corrosion. 2019.

Leivo, Virpi ; Prasauskas, Tadas ; Du, Liuliu ; Turunen, Mari ; Kiviste, Mihkel ; Aaltonen, Anu ; Martuzevicius, Dainius ; Haverinen-Shaughnessy, Ulla. / **Indoor thermal environment, air exchange rates, and carbon dioxide concentrations before and after energy retro fits in Finnish and Lithuanian multi-family buildings**. In: Science of the Total Environment. 2017 ; Vol. 621. pp. 398-406.

Lepistö, Teemu ; Kuuluvainen, Heino ; Juuti, Paxton ; Järvinen, Anssi ; Arffman, Anssi ; Rönkkö, Topi. / **Measurement of the human respiratory tract deposited surface area of particles with an electrical low pressure impactor**. In: Aerosol Science and Technology. 2020 ; Vol. 54, No. 8. pp. 958-971.

Luostarinen, S. ; Pakarinen, O. ; Rintala, J. / **Screening for potential fermentative hydrogen production from black water and kitchen waste in on-site UASB reactor at 20°C**. In: Environmental Technology. 2008 ; Vol. 29, No. 6. pp. 691-699.

Macintyre, H. L. ; Heaviside, C. ; Taylor, J. ; Picetti, R. ; Symonds, P. ; Cai, X. M. ; Vardoulakis, S. / **Assessing urban population vulnerability and environmental risks across an urban area during heatwaves – Implications for health protection**. In: Science of the Total Environment. 2018 ; Vol. 610-611. pp. 678-690.

Martinen, Sanna K. ; Kettunen, Riitta H. ; Rintala, Jukka A. / **Occurrence and removal of organic pollutants in sewages and landfill leachates**. In: Science of the Total Environment. 2003 ; Vol. 301, No. 1-3. pp. 1-12.

Martinen, S. K. ; Kettunen, R. H. ; Sormunen, K. M. ; Soimasuo, R. M. ; Rintala, J. A. / **Screening of physical-chemical methods for removal of organic material, nitrogen and toxicity from low strength landfill leachates**. In: Chemosphere. 2002 ; Vol. 46, No. 6. pp. 851-858.

Marttinen, Sanna K. ; Hänninen, Kari ; Rintala, Jukka A. / **Removal of DEHP in composting and aeration of sewage sludge** . In: Chemosphere. 2004 ; Vol. 54, No. 3. pp. 265-272.

Mensah-Attipoe, Jacob ; Saari, Sampo ; Veijalainen, Anna Maria ; Pasanen, Pertti ; Keskinen, Jorma ; Leskinen, Jari T T ; Reponen, Tiina. / **Release and characteristics of fungal fragments in various conditions**. In: Science of the Total Environment. 2016 ; Vol. 547. pp. 234-243.

Milani, Roberto ; Houbenov, Nikolay ; Fernandez-Palacio, Francisco ; Cavallo, Gabriella ; Luzio, Alessandro ; Haataja, Johannes ; Giancane, Gabriele ; Saccone, Marco ; Priimägi, Arri ; Metrangolo, Pierangelo ; Ikkala, Olli. / **Hierarchical Self-Assembly of Halogen-Bonded Block Copolymer Complexes into Upright Cylindrical Domains**. In: CheM. 2017 ; Vol. 2, No. 3. pp. 417-426.

Myllykangas, Jukka Pekka ; Rissanen, Antti J. ; Hietanen, Susanna ; Jilbert, Tom. / **Influence of electron acceptor availability and microbial community structure on sedimentary methane oxidation in a boreal estuary**. In: BIOGEOCHEMISTRY. 2020 ; Vol. 148, No. 3. pp. 291-309.

Nykänen, Hannu ; Mpamah, Promise A. ; Rissanen, Antti J. / **Stable carbon isotopic composition of peat columns, subsoil and vegetation on natural and forestry-drained boreal peatlands**. In: Isotopes in Environmental and Health Studies. 2018 ; Vol. 54, No. 6.

Pastor-Poquet, V. ; Papirio, S. ; Trably, E. ; Rintala, J. ; Escudié, R. ; Esposito, G. / **High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition**. In: INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY. 2019.

Pihlava, Katri ; Keskinen, Jorma ; Yli-Ojanperä, Jaakko. / **Improving the signal-to-noise ratio of Faraday cup aerosol electrometer based aerosol instrument calibrations**. In: Aerosol Science and Technology. 2016 ; Vol. 50, No. 4. pp. 373-379.

Pirjola, Liisa ; Karjalainen, Panu ; Heikkilä, Juha ; Saari, Sampo ; Tzamkiozis, Theodoros ; Ntziachristos, Leonidas ; Kulmala, Kari ; Keskinen, Jorma ; Rönkkö, Topi. / **Effects of fresh lubricant oils on particle emissions emitted by a modern gasoline direct injection passenger car**. In: Environmental Science and Technology. 2015 ; Vol. 49, No. 6. pp. 3644-3652.

Pirjola, Liisa ; Dittrich, Aleš ; Niemi, Jarkko V. ; Saarikoski, Sanna ; Timonen, Hilikka ; Kuuluvainen, Heino ; Järvinen, Anssi ; Kousa, Anu ; Rönkkö, Topi ; Hillamo, Risto. / **Physical and Chemical Characterization of Real-World Particle Number and Mass Emissions from City Buses in Finland**. In: Environmental Science and Technology. 2016 ; Vol. 50, No. 1. pp. 294-304.

Poikkimäki, Mikko ; Koljonen, Ville ; Leskinen, Niko ; Närhi, Mikko ; Kangasniemi, Oskari ; Kausiala, Oskari ; Dal Maso, Miikka. / **Nanocluster Aerosol Emissions of a 3D Printer**. In: Environmental Science and Technology. 2019 ; Vol. 53, No. 23. pp. 13618-13628.

Ramasamy, Praveenkumar ; Lee, Kyubock ; Lee, Jiye ; Oh, You Kwan. / **Breaking dormancy : An energy-efficient means of recovering astaxanthin from microalgae**. In: Green Chemistry. 2015 ; Vol. 17, No. 2. pp. 1226-1234.

Rostedt, A. ; Keskinen, J. / **Flow rate-independent electrical aerosol sensor**. In: Aerosol Science and Technology. 2018 ; Vol. 52, No. 11. pp. 1283-1292.

Saari, Sampo ; Niemi, Jarkko V. ; Rönkkö, Topi ; Kuuluvainen, Heino ; Järvinen, Anssi ; Pirjola, Liisa ; Aurela, Minna ; Hillamo, Risto ; Keskinen, Jorma. / **Seasonal and diurnal variations of fluorescent bioaerosol concentration and size distribution in the urban environment**. In: Aerosol and Air Quality Research. 2015 ; Vol. 15, No. 2. pp. 572-581.

Saari, S. ; Järvinen, S. ; Reponen, T. ; Mensah-Attipoe, J. ; Pasanen, P. ; Toivonen, J. ; Keskinen, Jorma. / **Identification of single microbial particles using electro-dynamic balance assisted laser-induced breakdown and fluorescence spectroscopy**. In: Aerosol Science and Technology. 2016 ; Vol. 50, No. 2. pp. 126-132.

Saari, Sampo ; Arffman, Anssi ; Harra, Juha ; Rönkkö, Topi ; Keskinen, Jorma. / **Performance evaluation of the HR-ELPI + inversion.** In: Aerosol Science and Technology. 2018 ; Vol. 52, No. 9. pp. 1037-1047.

Saarimaa, Ville ; Fuertes, Nuria ; Persson, Dan ; Zavalis, Tommy ; Kaleva, Aaretti ; Nikkanen, Juha-Pekka ; Levänen, Erkki ; Heydari, Golrokh. / **Assessment of pitting corrosion in bare and passivated (wet scCO₂-induced patination and chemical passivation) hot-dip galvanized steel samples with SVET, FTIR, and SEM (EDS).** In: Materials and Corrosion. 2020.

Salmela, Milla ; Lehtinen, Tapio ; Efimova, Elena ; Santala, Suvi ; Santala, Ville. / **Towards bioproduction of poly- α -olefins from lignocellulose.** In: Green Chemistry. 2020 ; Vol. 22, No. 15. pp. 5067-5076.

Salminen, E. A. ; Rintala, J. A. / **Anaerobic digestion of poultry slaughtering wastes.** In: Environmental Technology. 1999 ; Vol. 20, No. 1. pp. 21-28.

Salminen, E. ; Einola, J. ; Rintala, J. / **The methane production of poultry slaughtering residues and effects of pre-treatments on the methane production of poultry feather.** In: Environmental Technology. 2003 ; Vol. 24, No. 9. pp. 1079-1086.

Salminen, E. ; Einola, J. ; Rintala, J. / **Characterisation and anaerobic batch degradation of materials accumulating in anaerobic digesters treating poultry slaughterhouse waste.** In: Environmental Technology. 2001 ; Vol. 22, No. 5. pp. 577-585.

Salo, Laura ; Mylläri, Fanni ; Maasikmets, Marek ; Niemelä, Ville ; Konist, Alar ; Vainumäe, Keio ; Kupri, Hanna Lii ; Titova, Riina ; Simonen, Pauli ; Aurela, Minna ; Bloss, Matthew ; Keskinen, Jorma ; Timonen, Hilikka ; Rönkkö, Topi. / **Emission measurements with gravimetric impactors and electrical devices : An aerosol instrument comparison.** In: Aerosol Science and Technology. 2019 ; Vol. 53, No. 5. pp. 526-539.

Schönborn, Gregor ; Berlin, Cecilia ; Pinzone, Marta ; Hanisch, Christoph ; Georgoulas, Konstantinos ; Lanz, Minna. / **Why social sustainability counts : The impact of corporate social sustainability culture on financial success.** In: Sustainable Production and Consumption. 2019 ; Vol. 17. pp. 1-10.

Seo, Jung Yoon ; Lee, Kyubock ; Ramasamy, Praveenkumar ; Kim, Bohwa ; Lee, So Yeun ; Oh, You Kwan ; Park, Seung Bin. / **Tri-functionality of Fe₃O₄-embedded carbon microparticles in microalgae harvesting.** In: Chemical Engineering Journal. 2015 ; Vol. 280. pp. 206-214.

Seo, Jung Yoon ; Ramasamy, Praveenkumar ; Kim, Bohwa ; Seo, Jeong Cheol ; Park, Ji Yeon ; Na, Jeong Geol ; Jeon, Sang Goo ; Park, Seung Bin ; Lee, Kyubock ; Oh, You Kwan. / **Downstream integration of microalgae harvesting and cell disruption by means of cationic surfactant-decorated Fe₃O₄ nanoparticles.** In: Green Chemistry. 2016 ; Vol. 18, No. 14. pp. 3981-3989.

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.

Singh, Suniti ; Rinta-Kanto, Johanna M. ; Kettunen, Riitta ; Tolvanen, Henrik ; Lens, Piet ; Collins, Gavin ; Kokko, Marika ; Rintala, Jukka. / **Anaerobic treatment of LCFA-containing synthetic dairy wastewater at 20°C : Process performance and microbial community dynamics.** In: Science of the Total Environment. 2019 ; Vol. 691. pp. 960-968.

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.

- Sivula, Leena ; Väisänen, Ari ; Rintala, Jukka. / **Stabilisation of MSWI bottom ash with sulphide-rich anaerobic effluent.** In: Chemosphere. 2008 ; Vol. 71, No. 1. pp. 1-9.
- Smeds, A. ; Franzen, R. ; Kronberg, L. / **Occurrence of some chlorinated enol lactones and cyclopentene-1,3-diones in chlorine-treated waters.** In: Environmental Science and Technology. 1995 ; Vol. 29, No. 7. pp. 1839-1844.
- Smith, James David ; Mitsakou, Christina ; Kitwiroon, Nutthida ; Barratt, Ben M. ; Walton, Heather A. ; Taylor, Jonathon G. ; Anderson, Hugh Ross ; Kelly, Frank J. ; Beevers, Sean D. / **London Hybrid Exposure Model : Improving Human Exposure Estimates to NO₂ and PM_{2.5} in an Urban Setting.** In: Environmental Science and Technology. 2016 ; Vol. 50, No. 21. pp. 11760-11768.
- Soinne, Helena ; Keskinen, Riikka ; Heikkinen, Jaakko ; Hyväluoma, Jari ; Uusitalo, Risto ; Peltoniemi, Krista ; Velmala, Sannakajsa ; Pennanen, Taina ; Fritze, Hannu ; Kaseva, Janne ; Hannula, Markus ; Rasa, Kimmo. / **Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?.** In: Science of the Total Environment. 2020 ; Vol. 731.
- 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.
- Streeck, J. ; Hank, C. ; Neuner, M. ; Gil-Carrera, L. ; Kokko, M. ; Pauliuk, S. ; Schaadt, A. ; Kerzenmacher, S. ; White, R. J. / **Bio-electrochemical conversion of industrial wastewater-COD combined with downstream methanol synthesis-an economic and life cycle assessment.** In: Green Chemistry. 2018 ; Vol. 20, No. 12. pp. 2742-2762.
- Suvilampi, J. ; Lehtomäki, A. ; Rintala, J. / **Biomass characterization of laboratory-scale thermophilic-mesophilic wastewater treatment processes.** In: Environmental Technology. 2006 ; Vol. 27, No. 1. pp. 41-51.
- Suvilampi, J. ; Rintala, J. / **Comparison of activated sludge processes at different temperatures : 35°C, 2-55°C, and 55°C.** In: Environmental Technology. 2002 ; Vol. 23, No. 10. pp. 1127-1133.
- Symonds, Phil ; Hutchinson, Emma ; Ibbetson, Andrew ; Taylor, Jonathon ; Milner, James ; Chalabi, Zaid ; Davies, Michael ; Wilkinson, Paul. / **MicroEnv : A microsimulation model for quantifying the impacts of environmental policies on population health and health inequalities.** In: Science of the Total Environment. 2019 ; Vol. 697.
- 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.
- 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.
- Tao, Ran ; Bair, Robert ; Pickett, Melanie ; Calabria, Jorge L. ; Lakaniemi, Aino-Maija ; van Hullebusch, Eric D. ; Rintala, Jukka A. ; Yeh, Daniel H. / **Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor.** In: Environmental Technology. 2020.
- Taylor, Jonathon ; Shrubsole, Clive ; Symonds, Phil ; Mackenzie, Ian ; Davies, Michael. / **Application of an indoor air pollution metamodel to a spatially-distributed housing stock.** In: Science of the Total Environment. 2019 ; Vol. 667. pp. 390-399.
- Tuppurainen, K. O. ; Väisänen, A. O. ; Rintala, J. A. / **Sulphate-reducing laboratory-scale high-rate anaerobic reactors for treatment of metal-and sulphate-containing mine wastewater.** In: Environmental Technology. 2002 ; Vol. 23, No. 6. pp. 599-608.

Tuurna, S. ; Varis, T. ; Penttilä, K. ; Ruusuvuori, K. ; Holmström, S. ; Yli-Olli, S. / **Optimised selection of new protective coatings for biofuel boiler applications**. In: Materials and Corrosion-Werkstoffe und Korrosion. 2011 ; Vol. 62, No. 7. pp. 642-649.

Uusheimo, Sari ; Huotari, Jussi ; Tulonen, Tiina ; Aalto, Sanni L. ; Rissanen, Antti J. ; Arvola, Lauri. / **High Nitrogen Removal in a Constructed Wetland Receiving Treated Wastewater in a Cold Climate**. In: Environmental science & technology. 2018 ; Vol. 52, No. 22. pp. 13343-13350.

Vahala, R. ; Moramarco, V. ; Niemi, R. M. ; Rintala, J. ; Laukkanen, R. / **The effects of nutrients on natural organic matter (NOM) removal in biological activated carbon (BAC) filtration**. In: Acta Hydrochimica et Hydrobiologica. 1998 ; Vol. 26, No. 3. pp. 196-199.

Vuorio, Elina ; Vahala, Riku ; Rintala, Jukka ; Laukkanen, Risto. / **The evaluation of drinking water treatment performed with HPSEC**. In: Environment International. 1998 ; Vol. 24, No. 5-6. pp. 617-623.

Wang, Mingyi ; Chen, Dexian ; Xiao, Mao ; Ye, Qing ; Stolzenburg, Dominik ; Hofbauer, Victoria ; Ye, Penglin ; Vogel, Alexander L. ; Mauldin, Roy L. ; Amorim, Antonio ; Baccarini, Andrea ; Baumgartner, Bernhard ; Brilke, Sophia ; Dada, Lubna ; Dias, António ; Duplissy, Jonathan ; Finkenzeller, Henning ; Garmash, Olga ; He, Xu Cheng ; Hoyle, Christopher R. ; Kim, Changhyuk ; Kvashnin, Alexander ; Lehtipalo, Katrianne ; Fischer, Lukas ; Molteni, Ugo ; Petäjä, Tuukka ; Pospisilova, Veronika ; Quéléver, Lauriane L.J. ; Rissanen, Matti ; Simon, Mario ; Tauber, Christian ; Tomé, António ; Wagner, Andrea C. ; Weitz, Lena ; Volkamer, Rainer ; Winkler, Paul M. ; Kirkby, Jasper ; Worsnop, Douglas R. ; Kulmala, Markku ; Baltensperger, Urs ; Dommen, Josef ; El-Haddad, Imad ; Donahue, Neil M. / **Photo-oxidation of Aromatic Hydrocarbons Produces Low-Volatility Organic Compounds**. In: Environmental Science and Technology. 2020 ; Vol. 54, No. 13. pp. 7911-7921.

Ye, Qing ; Wang, Mingyi ; Hofbauer, Victoria ; Stolzenburg, Dominik ; Chen, Dexian ; Schervish, Meredith ; Vogel, Alexander ; Mauldin, Roy L. ; Baalbaki, Rima ; Brilke, Sophia ; Dada, Lubna ; Dias, António ; Duplissy, Jonathan ; El Haddad, Imad ; Finkenzeller, Henning ; Fischer, Lukas ; He, Xucheng ; Kim, Changhyuk ; Kürten, Andreas ; Lamkaddam, Houssni ; Lee, Chuan Ping ; Lehtipalo, Katrianne ; Leiminger, Markus ; Manninen, Hanna E. ; Marten, Ruby ; Mentler, Bernhard ; Partoll, Eva ; Petäjä, Tuukka ; Rissanen, Matti ; Schobesberger, Siegfried ; Schuchmann, Simone ; Simon, Mario ; Tham, Yee Jun ; Vazquez-Pufleau, Miguel ; Wagner, Andrea C. ; Wang, Yonghong ; Wu, Yusheng ; Xiao, Mao ; Baltensperger, Urs ; Curtius, Joachim ; Flagan, Richard ; Kirkby, Jasper ; Kulmala, Markku ; Volkamer, Rainer ; Winkler, Paul M. ; Worsnop, Douglas ; Donahue, Neil M. / **Molecular Composition and Volatility of Nucleated Particles from α -Pinene Oxidation between -50 °C and +25 °C**. In: Environmental Science and Technology. 2019 ; Vol. 53, No. 21. pp. 12357-12365.