

Ferguson L, Taylor J, Davies M, Shrubsole C, Symonds P, Dimitroulopoulou C. **Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology.** *Environment International*. 2020 Oct;143. 105748. <https://doi.org/10.1016/j.envint.2020.105748>

Soinne H, Keskinen R, Heikkinen J, Hyväluoma J, Uusitalo R, Peltoniemi K et al. **Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?** *Science of the Total Environment*. 2020 Aug 20;731. 138955. <https://doi.org/10.1016/j.scitotenv.2020.138955>

Weijio I, Turunen T, Lahdensivu J, Sistonen E, Annala P. **Ministry of the Environment announces a Guide on Renovation and Repair of Buildings with Moisture and Microbial Damage - From theory to practice.** *E3S Web of Conferences*. 2020 Jun 30;172. 20007. <https://doi.org/10.1051/e3sconf/202017220007>

Unban K, Khanongnuch R, Kanpiengjai A, Shetty K, Khanongnuch C. **Utilizing Gelatinized Starchy Waste from Rice Noodle Factory as Substrate for L(+)-Lactic Acid Production by Amyolytic Lactic Acid Bacterium *Enterococcus faecium* K-1.** *Applied Biochemistry and Biotechnology*. 2020 May. <https://doi.org/10.1007/s12010-020-03314-w>

Rinta-Kanto JM, Timonen S. **Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres.** *EUROPEAN JOURNAL OF SOIL BIOLOGY*. 2020;97. 103168. <https://doi.org/10.1016/j.ejsobi.2020.103168>

Tao R, Bair R, Pickett M, Calabria JL, Lakaniemi A-M, van Hullebusch ED et al. **Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor.** *Environmental Technology*. 2020. <https://doi.org/10.1080/09593330.2020.1752813>

Kanellis G, Oksanen A, Konttinen J. **Adjoint-based optimization in the development of low-emission industrial boilers.** *Engineering Optimization*. 2020. <https://doi.org/10.1080/0305215X.2020.1781842>

Salmela M, Lehtinen T, Efimova E, Santala S, Santala V. **Towards bioproduction of poly- $\alpha$ -olefins from lignocellulose.** *Green Chemistry*. 2020;22(15):5067-5076. <https://doi.org/10.1039/d0gc01617a>

Chu B, Dada L, Liu Y, Yao L, Wang Y, Du W et al. **Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China.** *Science of the Total Environment*. 2020;753. 142207. <https://doi.org/10.1016/j.scitotenv.2020.142207>

Koisaari T, Utraiainen R, Kari T, Tervo T. **The most difficult at-fault fatal crashes to avoid with current active safety technology.** *Accident Analysis and Prevention*. 2019 Dec 13;135(2020). 105396. <https://doi.org/10.1016/j.aap.2019.105396>

Frankberg EJ, Kalikka J, Ferré FG, Joly-Pottuz L, Salminen T, Hintikka J et al. **Highly ductile amorphous oxide at room temperature and high strain rate.** *Science*. 2019 Nov 15;366(6467):864-869. <https://doi.org/10.1126/science.aav1254>

Sinkko H, Hepolehto I, Lyra C, Rinta-Kanto JM, Villnäs A, Norkko A et al. **Increasing oxygen deficiency changes rare and moderately abundant bacterial communities in coastal soft sediments.** *Scientific Reports*. 2019 Nov 8;9. 16341. <https://doi.org/10.1038/s41598-019-51432-1>

Uotila U, Saari A, Junnonen J-M. **Municipal challenges in managing a building with noted health symptoms.** *Facilities*. 2019 Nov. <https://doi.org/10.1108/F-07-2019-0073>

Inha LM, Katko TS, Rajala RP. **Improved water services cooperation through clarification of rules and roles.** *Water (Switzerland)*. 2019 Oct 19;11(10). 2172. <https://doi.org/10.3390/w11102172>

Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene ER, Lens P. **Transient-state operation of an anoxic biotrickling filter for H<sub>2</sub>S removal.** *Journal of Hazardous Materials*. 2019 Sep 5;377:42-51. <https://doi.org/10.1016/j.jhazmat.2019.05.043>

Pääkkönen A, Aro K, Aalto P, Konttinen J, Kojo M. **The potential of biomethane in replacing fossil fuels in heavy transport – a case study on Finland.** Sustainability. 2019 Sep 1;11(17). 4750. <https://doi.org/10.3390/su11174750>

Kuusela M, Asp O, Laaksonen A. **Cracking of the End Diaphragm of a Post-tensioned Beam Bridge.** Nordic Concrete Research. 2019 Aug 28;60(1):89-104. 6. <https://doi.org/10.2478/ncr-2019-0001>

Aalto SL, Saarenheimo J, Arvola L, Tirola M, Huotari J, Rissanen AJ. **Denitrifying microbial communities along a boreal stream with varying land-use.** Aquatic Sciences. 2019 Jul 24;81(59). <https://doi.org/10.1007/s00027-019-0654-z>

Mangayil R, Efimova E, Konttinen J, Santala V. **Co-production of 1,3 propanediol and long-chain alkyl esters from crude glycerol.** New Biotechnology. 2019 Jul 11;53:81-89. <https://doi.org/10.1016/j.nbt.2019.07.003>

Lakaniemi A-M, Douglas GB, Kaksonen AH. **Engineering and kinetic aspects of bacterial uranium reduction for the remediation of uranium contaminated environments.** Journal of Hazardous Materials. 2019 Jun 5;371:198 - 212. <https://doi.org/10.1016/j.jhazmat.2019.02.074>

Pääkkönen A, Joronen T. **Revisiting the feasibility of biomass-fueled CHP in future energy systems – Case study of the Åland Islands.** Energy Conversion and Management. 2019 May 15;188:66 - 75. <https://doi.org/10.1016/j.enconman.2019.03.057>

Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene ER, Lens P. **Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions.** Environmental Science: Water Research & Technology. 2019 Apr 29;5(6):1072-1081. <https://doi.org/10.1039/C9EW00220K>

Rajala RP, Juuti PS, Katko TS. **Genesis of Water supply and sanitation services in Finland.** Ympäristöhistoria: Finnish Journal of Environmental History. 2019 Apr;8(1):18-28.

Okonkwo O, Escudié R, Bernet N, Mangayil R, Lakaniemi A-M, Trably E. **Impacts of short-term temperature fluctuations on biohydrogen production and resilience of thermophilic microbial communities.** International Journal of Hydrogen Energy. 2019 Mar 29;44(16):8028-8037. <https://doi.org/10.1016/j.ijhydene.2019.01.256>

Mönkäre T, Palmroth MRT, Sormunen K, Rintala J. **Scaling up the treatment of the fine fraction from landfill mining: Mass balance and cost structure.** Waste Management. 2019 Mar 15;87:464-471. <https://doi.org/10.1016/j.wasman.2019.02.032>

Özkaya B, Kaksonen AH, Sahinkaya E, Puhakka JA. **Fluidized bed bioreactor for multiple environmental engineering solutions.** Water Research. 2019 Mar 1;150:452 - 465. <https://doi.org/10.1016/j.watres.2018.11.061>

Lehtoranta K, Aakko-Saksa P, Murtonen T, Vesala H, Ntziachristos L, Rönkkö T et al. **Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers.** Environmental Science and Technology. 2019 Feb 19;53(6):3315-3322. <https://doi.org/10.1021/acs.est.8b05555>

Liimatainen H, van Vliet O, Aplyn D. **The potential of electric trucks – An international commodity-level analysis.** Applied Energy. 2019 Feb 15;236:804-814. <https://doi.org/10.1016/j.apenergy.2018.12.017>

Möllmann A, Gedamu D, Vivo P, Frohnhoven R, Stadler D, Fischer T et al. **Highly compact TiO<sub>2</sub> films by spray pyrolysis and application in perovskite solar cells.** Advanced Engineering Materials. 2019 Jan;21(4). 1801196. <https://doi.org/10.1002/adem.201801196>

Järvinen H, Honkanen M, Oja O, Järvenpää M, Peura P. **Microstructure-property relationships of novel ultra-high strength press hardening steels.** Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science. 2019;50(2):816-836. <https://doi.org/10.1007/s11661-018-4967-7>

Hirvonen J, Jokisalo J, Heljo J, Kosonen R. **Towards the EU emissions targets of 2050: optimal energy renovation measures of Finnish apartment buildings.** *International Journal of Sustainable Energy*. 2019;38(7). <https://doi.org/10.1080/14786451.2018.1559164>

Pastor-Poquet V, Papiro 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.** *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY*. 2019. <https://doi.org/10.1007/s13762-019-02264-z>

Singh S, Rinta-Kanto J, Kettunen R, Lens P, Collins G, Kokko M et al. **Acetotrophic Activity Facilitates Methanogenesis from LCFA at Low Temperatures: Screening from Mesophilic Inocula.** *ARCHAEA*. 2019;2019. 1751783. <https://doi.org/10.1155/2019/1751783>

Laitinen J, Antikainen R, Hukka JJ, Katko TS. **Water Supply and Sanitation in a Green Economy Society: The Case of Finland.** *Public Works Management and Policy*. 2019. <https://doi.org/10.1177/1087724X19847211>

Takala A, Korhonen-Yrjänheikki K. **A decade of Finnish engineering education for sustainable development.** *INTERNATIONAL JOURNAL OF SUSTAINABILITY IN HIGHER EDUCATION*. 2019;20(1):170-186. <https://doi.org/10.1108/IJSHE-07-2018-0132>

Chatterjee P, Granatier M, Ramasamy P, Kokko M, Lakaniemi A-M, Rintala J. **Microalgae grow on source separated human urine in Nordic climate: Outdoor pilot-scale cultivation.** *Journal of Environmental Management*. 2019;237:119 - 127. <https://doi.org/10.1016/j.jenvman.2019.02.074>

Tao R, Bair R, Lakaniemi AM, van Hullebusch ED, Rintala JA. **Use of factorial experimental design to study the effects of iron and sulfur on growth of *Scenedesmus acuminatus* with different nitrogen sources.** *Journal of Applied Phycology*. 2019. <https://doi.org/10.1007/s10811-019-01915-5>

Rajala RP, Katko TS, Springe G. **Students' Perceived Priorities on Water as a Human Right, Natural Resource, and Multiple Goods.** *Sustainability*. 2019;11(22). 6354. <https://doi.org/10.3390/su11226354>

Timonen H, Karjalainen P, Aalto P, Saarikoski S, Mylläri F, Karvosenoja N et al. **Adaptation of Black Carbon Footprint concept would accelerate mitigation of global warming.** *Environmental Science and Technology*. 2019;53(21):12153-12155. <https://doi.org/10.1021/acs.est.9b05586>

Liimatainen H, Pöllänen M, Viri R. **CO2 reduction costs and benefits in transport: socio-technical scenarios.** *European Journal of Futures Research*. 2018 Dec 21;2018(6:22). <https://doi.org/10.1186/s40309-018-0151-y>

Salunke J, Durandin N, Ruoko T-P, Rafael Candeias N, Vivo P, Vuorimaa-Laukkanen E et al. **Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter.** *Scientific Reports*. 2018 Sep 26;8. 14431 . <https://doi.org/10.1038/s41598-018-32830-3>

Melliger M, van Vliet OPR, Liimatainen H. **Anxiety vs reality – Sufficiency of battery electric vehicle range in Switzerland and Finland.** *TRANSPORTATION RESEARCH PART D: TRANSPORT AND ENVIRONMENT*. 2018 Aug 23;65:101-115. <https://doi.org/10.1016/j.trd.2018.08.011>

Liimatainen H, Greening P, Dadhich P, Keyes A. **Possible Impact of Long and Heavy Vehicles in the United Kingdom—A Commodity Level Approach.** *Sustainability*. 2018 Aug 4;10(8). <https://doi.org/10.3390/su10082754>

Hiltunen A, Ruoko T-P, Iivonen T, Lahtonen K, Ali-Löytty H, Sarlin E et al. **Design aspects of all atomic layer deposited TiO<sub>2</sub>-Fe<sub>2</sub>O<sub>3</sub> scaffold-absorber photoanodes for water splitting.** *Sustainable Energy & Fuels*. 2018 Jul 31;2(9):2124-2130. <https://doi.org/10.1039/C8SE00252E>

Keskikuru T, Salo J, Huttunen P, Kokotti H, Hyttinen M, Halonen R et al. **Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling.** Building and Environment. 2018 Jun 15;138:1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>

Keipi T, Tolvanen H, Konttinen J. **Economic analysis of hydrogen production by methane thermal decomposition: Comparison to competing technologies.** Energy Conversion and Management. 2018 Mar 1;159:264-273. <https://doi.org/10.1016/j.enconman.2017.12.063>

Kainulainen TP, Sirviö JA, Sethi J, Hukka TI, Heiskanen JP. **UV-Blocking Synthetic Biopolymer from Biomass-Based Bifuran Diester and Ethylene Glycol.** Macromolecules. 2018 Feb 21;51(5):1822-1829. <https://doi.org/10.1021/acs.macromol.7b02457>

Sormunen LA, Kolisoja P. **Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content.** Road Materials and Pavement Design . 2018;19(2):252-270. <https://doi.org/10.1080/14680629.2016.1251960>

Dahlbo H, Poliakova V, Mylläri V, Sahimaa O, Anderson R. **Recycling potential of post-consumer plastic packaging waste in Finland.** Waste Management. 2018;71:52-61. <https://doi.org/10.1016/j.wasman.2017.10.033>

Solismaa S, Ismailov A, Karhu M, Sreenivasan H, Lehtonen M, Kinnunen P et al. **Valorization of Finnish mining tailings for use in the ceramics industry.** BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND. 2018;90(1):33-54. <https://doi.org/10.17741/bgsf/90.1.002>

Katko TS, Juuti P. **Suomen vesihuollon kehitys kansainvälisessä kontekstissa.** Tekniikan Waiheita: Teknik I Tiden. 2018;36(2):5-24.

Maanoja S, Rintala J. **Evaluation of methods for enhancing methane oxidation via increased soil air capacity and nutrient content in simulated landfill soil cover.** Waste Management. 2018;82:82-92. <https://doi.org/10.1016/j.wasman.2018.10.015>

Laasasenaho K, Lensu A, Rintala J, Lauhanen R. **Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands.** Land Use Policy. 2017 Dec 1;69:167-175. <https://doi.org/10.1016/j.landusepol.2017.09.010>

Juuti P, Katko TS, Rajala R. **Sata vuotta vesihuoltoa Suomessa.** Vesitalous. 2017 Dec;58(6):13-15.

Katko TS, Juuti P, Rajala R. **Vesihuollon ammattilaiset ovat verkostoituneet kautta aikojen.** Vesitalous. 2017 Dec;58(6):16-19.

Takala A. **Understanding sustainable development in Finnish water supply and sanitation services.** International Journal of Sustainable Built Environment. 2017 Dec;6(2):501-512. <https://doi.org/10.1016/j.ijbsbe.2017.10.002>

Sippola RJ, Hadipour A, Kastinen T, Vivo P, Hukka TI, Aernouts T et al. **Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties.** Dyes and Pigments. 2017 Nov 8;150:79-88. <https://doi.org/10.1016/j.dyepig.2017.11.014>

Mal J, Nancharaiah YV, Maheshwari N, van Hullebusch ED, Lens PNL. **Continuous removal and recovery of tellurium in an upflow anaerobic granular sludge bed reactor.** Journal of Hazardous Materials. 2017 Apr;327:79-88. <https://doi.org/10.1016/j.jhazmat.2016.12.052>

L.K. Sulonen M, Lakaniemi A-M, Kokko ME, Puhakka JA. **The effect of anode potential on bioelectrochemical and electrochemical tetrathionate degradation.** Bioresource Technology. 2017 Feb;226:173-180. <https://doi.org/10.1016/j.biortech.2016.12.023>

Behailu BM, Hukka JJ, Katko TS. **Service Failures of Rural Water Supply Systems in Ethiopia and Their Policy Implications.** Public Works Management & Policy. 2017;22(2):179-196. <https://doi.org/10.1177/1087724X16656190>

Vivo P, Ojanperä A, Smått J-H, Sänden S, Hashmi SG, Kaunisto K et al. **Influence of TiO<sub>2</sub> compact layer precursor on the performance of perovskite solar cells.** Organic Electronics. 2017;41:287-293. <https://doi.org/10.1016/j.orgel.2016.11.017>

Mönkäre TJ, Palmroth MRT, Rintala JA. **Screening biological methods for laboratory scale stabilization of fine fraction from landfill mining.** Waste Management. 2017;60:739-747. <https://doi.org/10.1016/j.wasman.2016.11.015>

Heino O. **Taking Water Services to the Next Level: A Paradigm Shift?** Public Works Management & Policy. 2017;22(1):12-17. <https://doi.org/10.1177/1087724X16668181>

Hashmi SG, Tiihonen A, Martineau D, Özkan M, Vivo P, Kaunisto K et al. **Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking.** Journal of Materials Chemistry A. 2017;5(10):4797-4802. <https://doi.org/10.1039/C6TA10605F>

Särkilähti M, Kinnunen V, Kettunen R, Jokinen A, Rintala J. **Replacing centralised waste and sanitation infrastructure with local treatment and nutrient recycling: Expert opinions in the context of urban planning.** Technological Forecasting and Social Change. 2017;118:195-204. <https://doi.org/10.1016/j.techfore.2017.02.020>

Leivo V, Prasauskas T, Turunen M, Kiviste M, Aaltonen A, Martuzevicius D et al. **Comparison of air pressure difference, air change rates, and CO<sub>2</sub> concentrations in apartment buildings before and after energy retrofits.** Building and Environment. 2017;120:85-92. <https://doi.org/10.1016/j.buildenv.2017.05.002>

Behailu BM, Pietilä PE, Katko TS. **Indigenous practices of water management for sustainable services: Case of Borana and Konso, Ethiopia.** SAGE OPEN. 2016 Dec 6;6(4):1-11. <https://doi.org/10.1177/2158244016682292>

Rissanen AJ, Ojala A, Fred T, Toivonen J, Tiirola M. **Methylophilaceae and Hyphomicrobium as target taxonomic groups in monitoring the function of methanol-fed denitrification biofilters in municipal wastewater treatment plants.** Journal of Industrial Microbiology and Biotechnology. 2016 Nov 8;1-13. <https://doi.org/10.1007/s10295-016-1860-5>

Kramb J, Konttinen J, Backman R, Salo K, Roberts M. **Elimination of arsenic-containing emissions from gasification of chromated copper arsenate wood.** Fuel. 2016 Oct 1;181:319-324. <https://doi.org/10.1016/j.fuel.2016.04.109>

Rissanen AJ, Ojala A, Dernjatin M, Jaakkola J, Tiirola M. **Methylophaga and Hyphomicrobium can be used as target genera in monitoring saline water methanol-utilizing denitrification.** Journal of Industrial Microbiology and Biotechnology. 2016 Oct 1;1-11. <https://doi.org/10.1007/s10295-016-1839-2>

Behailu BM, Suominen A, Katko TS, Mattila H, Yayehiyad G. **Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia.** African Journal of Environmental Science and Technology. 2016 Sep 30;10(9):292-306. 04AF23059936. <https://doi.org/10.5897/AJEST2016.2132>

Taddeo R, Kolppo K, Lepistö R. **Sustainable nutrients recovery and recycling by optimizing the chemical addition sequence for struvite precipitation from raw swine slurries.** Journal of Environmental Management. 2016 Sep 15;180:52-58. <https://doi.org/10.1016/j.jenvman.2016.05.009>

Sormunen LA, Kalliainen A, Kolisoja P, Rantsi R. **Combining mineral fractions of recovered MSWI bottom ash: improvement for utilization in civil engineering structures.** Waste and Biomass Valorization. 2016 Aug 22. <https://doi.org/10.1007/s12649-016-9656-4>

Hilliaho K, Kovalainen V, Huuhka S, Lahdensivu J. **Glazed spaces: A simplified calculation method for the evaluation of energy savings and interior temperatures.** Energy and Buildings. 2016 Aug 1;125:27-44. <https://doi.org/10.1016/j.enbuild.2016.04.063>

Wikberg H, Ohra-aho T, Honkanen M, Kanerva H, Harlin A, Vippola M et al. **Hydrothermal carbonization of pulp mill streams**. *Bioresource Technology*. 2016 Jul 1;212:236-244. <https://doi.org/10.1016/j.biortech.2016.04.061>

Sormunen A, Kanninen T, Salo T, Rantsi R. **Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media**. *Waste Management and Research*. 2016 Jul 1;34(7):595-604. <https://doi.org/10.1177/0734242X16650748>

Roszak J, Catalán J, Järventausta H, Lindberg HK, Suhonen S, Vippola M et al. **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*. 2016 Jul 1;805:7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

Vats S, Rissanen M. **Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles**. *Recycling*. 2016 May 30;1(1):166-177. <https://doi.org/10.3390/recycling1010166>

Mal J, Nanchaiah YV, van Hullebusch ED, Lens PNL. **Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge**. *Bioresource Technology*. 2016 Apr 1;206:1-8. <https://doi.org/10.1016/j.biortech.2016.01.064>

Szabo HM, Lepistö R, Tuhkanen T. **HPLC-SEC: a new approach to characterise complex wastewater effluents**. *International Journal of Environmental Analytical Chemistry*. 2016 Feb 19;96(3):257-270. <https://doi.org/10.1080/03067319.2016.1150463>

Laasasenaho K, Lensu A, Rintala J. **Planning land use for biogas energy crop production: The potential of cutaway peat production lands**. *Biomass & Bioenergy*. 2016 Feb 1;85:355-362. <https://doi.org/10.1016/j.biombioe.2015.12.030>

Carraro G, Maccato C, Gasparotto A, Kaunisto K, Sada C, Barreca D. **Plasma-Assisted Fabrication of Fe<sub>2</sub>O<sub>3</sub> - Co<sub>3</sub>O<sub>4</sub> Nanomaterials as Anodes for Photoelectrochemical Water Splitting**. *Plasma Processes and Polymers*. 2016 Jan 1;13(1):191-200. <https://doi.org/10.1002/ppap.201500106>

Mönkäre TJ, Palmroth MRT, Rintala JA. **Characterization of fine fraction mined from two Finnish landfills**. *Waste Management*. 2016;47A:34-39. <https://doi.org/10.1016/j.wasman.2015.02.034>

Honkanen M, Kärkkäinen M, Kolli T, Heikkinen O, Viitanen V, Zeng L et al. **Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging**. *Applied Catalysis B-Environmental*. 2016;439-448. <https://doi.org/10.1016/j.apcatb.2015.09.054>

Kuhad RC, Deswal D, Sharma S, Bhattacharya A, Kumar Jain K, Kaur A et al. **Revisiting cellulase production and redefining current strategies based on major challenges Article reference: RSER5103**. *Renewable and Sustainable Energy Reviews*. 2016;55:249-272. <https://doi.org/10.1016/j.rser.2015.10.132>

Jaatinen S, Lakaniemi A-M, Rintala J. **Use of diluted urine for cultivation of *Chlorella vulgaris***. *Environmental Technology*. 2016;37(9):1159-1170. <https://doi.org/10.1080/09593330.2015.1105300>

Zou G, Papirio S, Lakaniemi A-M, Ahoranta SH, Puhakka JA. **High rate autotrophic denitrification in fluidized-bed biofilm reactors**. *Chemical Engineering Journal*. 2016;284:1287-1294. <https://doi.org/10.1016/j.cej.2015.09.074>

Jain R, Dominic D, Jordan N, Rene ER, Weiss S, van Hullebusch ED et al. **Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles**. *Chemical Engineering Journal*. 2016;284:917-925. <https://doi.org/10.1016/j.cej.2015.08.144>

Tolvanen H, Keipi T, Raiko R. **A study on raw, torrefied, and steam-exploded wood: Fine grinding, drop-tube reactor combustion tests in N<sub>2</sub>/O<sub>2</sub> and CO<sub>2</sub>/O<sub>2</sub> atmospheres, particle geometry analysis, and numerical kinetics modeling**. *Fuel*. 2016;176:153-164. <https://doi.org/10.1016/j.fuel.2016.02.071>

Kolisoja P, Kalliainen A. **Modelling of plastic culvert and road embankment interaction in 3D**. *Procedia Engineering*. 2016;143:427-434. <https://doi.org/10.1016/j.proeng.2016.06.054>

Espinosa-Ortiz EJ, Shakya M, Jain R, Rene ER, van Hullebusch ED, Lens PNL. **Sorption of zinc onto elemental selenium nanoparticles immobilized in Phanerochaete chrysosporium pellets**. *Environmental Science and Pollution Research*. 2016;23(21):21619-21630. <https://doi.org/10.1007/s11356-016-7333-6>

Marjakangas JM, Chen CY, Lakaniemi AM, Puhakka JA, Whang LM, Chang JS. **Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater**. *Biochemical Engineering Journal*. 2015 Nov 5;103:177-184. <https://doi.org/10.1016/j.bej.2015.07.011>

Vinha J, Manelius E, Korpi M, Salminen K, Kurnitski J, Kivistö M et al. **Airtightness of residential buildings in Finland**. *Building and Environment*. 2015 Nov 1;93(P2):128-140. <https://doi.org/10.1016/j.buildenv.2015.06.011>

Parviainen A, Loukola-Ruskeeniemi K, Tarvainen T, Hatakka T, Härmä P, Backman B et al. **Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland**. *Earth-Science Reviews*. 2015 Nov 1;150:709-723. <https://doi.org/10.1016/j.earscirev.2015.09.009>

Lay C-H, Kokko ME, Puhakka JA. **Power generation in fed-batch and continuous up-flow microbial fuel cell from synthetic wastewater**. *Energy*. 2015 Nov 1;91:235-241. <https://doi.org/10.1016/j.energy.2015.08.029>

Behailu BM, Suominen A, Katko TS. **Evolution of Community-Managed Water Supply Projects From 1994 to the 2010s in Ethiopia**. *Public Works Management and Policy*. 2015 Oct 22;20(4):379-400. <https://doi.org/10.1177/1087724X15593955>

Heino O, Takala A. **Viewpoint - Paradigm Shift of Water Services in Finland: From Production Mentality to Service Mindset**. *Water Alternatives*. 2015 Oct;8(3):433-446.

Honkanen M, Kärkkäinen M, Heikkinen O, Kallinen K, Kolli T, Huuhtanen M et al. **The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II: Characterization of Structural Changes by Transmission Electron Microscopy**. *Topics in Catalysis*. 2015 Oct;58(14):971-976. <https://doi.org/10.1007/s11244-015-0465-y>

Kärkkäinen M, Kolli T, Honkanen M, Heikkinen O, Huuhtanen M, Kallinen K et al. **The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part I: Activity Measurements, Elementary and Surface Analyses**. *Topics in Catalysis*. 2015 Oct;58(14):961-970. <https://doi.org/10.1007/s11244-015-0464-z>

Marjakangas JM, Chen C-Y, Lakaniemi A-M, Puhakka JA, Whang L-M, Chang J-S. **Selecting an indigenous microalgal strain for lipid production in anaerobically treated piggery wastewater**. *Bioresource Technology*. 2015 Sep;191:369-376. <https://doi.org/10.1016/j.biortech.2015.02.075>

Çetinkaya AY, Köroğlu EO, Demir NM, Baysoy DY, Özkaya B, Çakmakçı M. **Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration**. *Chinese Journal of Catalysis*. 2015 Jul 20;36(7):1068-1076. [https://doi.org/10.1016/S1872-2067\(15\)60833-6](https://doi.org/10.1016/S1872-2067(15)60833-6)

Ruoko TP, Kaunisto K, Bärtsch M, Pohjola J, Hiltunen A, Niederberger M et al. **Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes**. *Journal of Physical Chemistry Letters*. 2015 Jul 8;6(15):2859-2864. <https://doi.org/10.1021/acs.jpcclett.5b01128>

Perander M, DeMartini N, Brink A, Kramb J, Karlström O, Hemming J et al. **Catalytic effect of Ca and K on CO<sub>2</sub> gasification of spruce wood char**. *Fuel*. 2015 Jun 15;150:464-472. <https://doi.org/10.1016/j.fuel.2015.02.062>

Tampio E, Ervasti S, Rintala J. **Characteristics and agronomic usability of digestates from laboratory digesters treating food waste and autoclaved food waste**. *Journal of Cleaner Production*. 2015 May 1;94:86-92. <https://doi.org/10.1016/j.jclepro.2015.01.086>

Juuti PS, Antoniou GP, Dragoni W, El-Gohary F, De Feo G, Katko TS et al. **Short Global History of Fountains**. *Water*. 2015 May;7(5):2314-2348. <https://doi.org/10.3390/w7052314>

Carver SM, Nelson MC, Yu Z, Tuovinen OH. **Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples**. *Biomass & Bioenergy*. 2015 Apr 1;75:11-22. <https://doi.org/10.1016/j.biombioe.2015.02.005>

Mangayil R, Aho T, Karp M, Santala V. **Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components**. *Renewable Energy*. 2015 Mar 1;75:583-589. <https://doi.org/10.1016/j.renene.2014.10.051>

Zou G, Papirio S, van Hullebusch ED, Puhakka JA. **Fluidized-bed denitrification of mining water tolerates high nickel concentrations**. *Bioresource Technology*. 2015 Mar 1;179:284-290. <https://doi.org/10.1016/j.biortech.2014.12.044>

Hukka JJ, Katko TS. **Appropriate pricing policy needed worldwide for improving water services infrastructure**. *Journal American Water Works Association*. 2015 Jan 1;107(1):E37-E46. <https://doi.org/10.5942/jawwa.2015.107.0007>

Heino O, Katko TS, Pietilä PE. **Tighter contracts or more trust? Outsourcing in Finnish water utilities**. *Public Works Management and Policy*. 2015;20(4):360-378. <https://doi.org/10.1177/1087724X14538237>

Sulonen MLK, Kokko ME, Lakaniemi A-M, Puhakka JA. **Electricity generation from tetrathionate in microbial fuel cells by acidophiles**. *Journal of Hazardous Materials*. 2015;284:182-189. <https://doi.org/10.1016/j.jhazmat.2014.10.045>

Heino O, Takala A. **Social Norms in Water Services: Exploring the Fair Price of Water**. *Water Alternatives*. 2015;8(1):844-858.

Taddeo R, Lepistö R. **Struvite precipitation in raw and co-digested swine slurries for nutrients recovery in batch reactors**. *Water Science and Technology*. 2015;71(6):892-897. <https://doi.org/10.2166/wst.2015.045>

Warwick MEA, Kaunisto K, Barreca D, Carraro G, Gasparotto A, Maccato C et al. **Vapor phase processing of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> photoelectrodes for water splitting: An insight into the structure/property interplay**. *ACS Applied Materials and Interfaces*. 2015;7(16):8667-8676. <https://doi.org/10.1021/acsami.5b00919>

Warwick MEA, Barreca D, Bontempi E, Carraro G, Gasparotto A, Maccato C et al. **Pt-functionalized Fe<sub>2</sub>O<sub>3</sub> photoanodes for solar water splitting: the role of hematite nano-organization and the platinum redox state**. *Physical Chemistry Chemical Physics*. 2015;17(19):12899-12907. <https://doi.org/10.1039/c5cp01636c>

Mönkäre TJ, Palmroth MRT, Rintala JA. **Stabilization of fine fraction from landfill mining in anaerobic and aerobic laboratory leach bed reactors**. *Waste Management*. 2015;45:468-475. <https://doi.org/10.1016/j.wasman.2015.06.040>

Maanoja ST, Rintala JA. **Methane oxidation potential of boreal landfill cover materials: The governing factors and enhancement by nutrient manipulation**. *Waste Management*. 2015;46:399-407. <https://doi.org/10.1016/j.wasman.2015.08.011>

Sormunen LA, Rantsi R. **To fractionate municipal solid waste incineration bottom ash: Key for utilisation?** *Waste Management and Research*. 2015. <https://doi.org/10.1177/0734242X15600052>

Heino O, Anttiroiko A-V. **Utility–Customer Communication: The Case of Water Utilities**. *Public Works Management and Policy*. 2015;21(3):220-230. <https://doi.org/10.1177/1087724X15606738>

Barreca D, Carraro G, Gasparotto A, Maccato C, Warwick MEA, Kaunisto K et al. **Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation**. *Advanced Materials Interfaces*. 2015;2(17). <https://doi.org/10.1002/admi.201500313>



Tuovinen OH, Särkijärvi S, Peuraniemi E, Junnikkala S, Puhakka JA, Kaksonen AH. **Acid Leaching of Cu and Zn from a Smelter Slag with a Bacterial Consortium**. *Advanced Materials Research*. 2015;1130:660-663. <https://doi.org/10.4028/www.scientific.net/AMR.1130.660>

Kurki V, Katko TS. **Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a Finnish water supply project**. *Water Alternatives*. 2015;8(3):337-351.

Heino O. **Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina: Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen**. *Tiedepolitiikka*. 2015;40(3):39-46.

Hukka JJ, Katko TS. **Resilient Asset Management and Governance for Deteriorating Water Services Infrastructure**. *Procedia Economics and Finance*. 2015;21:112-119. [https://doi.org/10.1016/S2212-5671\(15\)00157-4](https://doi.org/10.1016/S2212-5671(15)00157-4)

Katko TS. **Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus**. *Ympäristöhistoria: Finnish Journal of Environmental History*. 2015;5(1):4-5.

Kurki V, Sidaraviciute R, Sörensen J, Kibocha SN, Retike I, Ikobe G et al. **Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students**. *Ympäristöhistoria: Finnish Journal of Environmental History*. 2015;(1/2015):45-51.

Leppänen A, Tran H, Taipale R, Välimäki E, Oksanen A. **Numerical modeling of fine particle and deposit formation in a recovery boiler**. *Fuel*. 2014 Aug 1;129:45-53. <https://doi.org/10.1016/j.fuel.2014.03.046>

Raghuwanshi S, Deswal D, Karp M, Kuhad RC. **Bioprocessing of enhanced cellulase production from a mutant of *Trichoderma asperellum* RCK2011 and its application in hydrolysis of cellulose**. *Fuel*. 2014 May 15;124:183-189. <https://doi.org/10.1016/j.fuel.2014.01.107>

Ciranna A, Ferrari R, Santala V, Karp M. **Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile *Caloramator celer*: Kinetic, metabolic and transcription analyses**. *International Journal of Hydrogen Energy*. 2014 Apr 15;39(12):6391-6401. <https://doi.org/10.1016/j.ijhydene.2014.02.047>

Ciranna A, Pawar SS, Santala V, Karp M, van Niel EWJ. **Assessment of metabolic flux distribution in the thermophilic hydrogen producer *Caloramator celer* as affected by external pH and hydrogen partial pressure**. *Microbial Cell Factories*. 2014 Mar 28;13(1). 48. <https://doi.org/10.1186/1475-2859-13-48>

Santala S, Efimova E, Koskinen P, Karp MT, Santala V. **Rewiring the wax ester production pathway of *Acinetobacter baylyi* ADP1**. *ACS Synthetic Biology*. 2014 Mar 21;3(3):145-151. <https://doi.org/10.1021/sb4000788>

Tolvanen H, Raiko R. **An experimental study and numerical modeling of combusting two coal chars in a drop-tube reactor: A comparison between N<sub>2</sub>/O<sub>2</sub>, CO<sub>2</sub>/O<sub>2</sub>, and N<sub>2</sub>/CO<sub>2</sub>/O<sub>2</sub> atmospheres**. *Fuel*. 2014;124:190-201. <https://doi.org/10.1016/j.fuel.2014.01.103>

Kannisto M, Aho T, Karp M, Santala V. **Metabolic engineering of *Acinetobacter baylyi* ADP1 for improved growth on gluconate and glucose**. *Applied and Environmental Microbiology*. 2014;80(22):7021-7027. <https://doi.org/10.1128/AEM.01837-14>

Kinnunen V, Craggs R, Rintala J. **Influence of temperature and pretreatments on the anaerobic digestion of wastewater grown microalgae in a laboratory-scale accumulating-volume reactor**. *Water Research*. 2014;57:247-257. <https://doi.org/10.1016/j.watres.2014.03.043>

Keipi T, Tolvanen H, Kokko L, Raiko R. **The effect of torrefaction on the chlorine content and heating value of eight woody biomass samples**. *Biomass & Bioenergy*. 2014;66:232-239. <https://doi.org/10.1016/j.biombioe.2014.02.015>

Katko T, Juuti PS. **Lähteet Suomen vesihuollossa.** *Vesitalous*. 2014;(4):15-18.

Pynnönen ST, Tuhkanen TA. **Simultaneous detection of three antiviral and four antibiotic compounds in source-separated urine with liquid chromatography.** *Journal of Separation Science*. 2014;37(3):219-227.  
<https://doi.org/10.1002/jssc.201300492>

Heino O, Anttiroiko A-V. **Inverse infrastructures: self-organization in the water services.** *Water Policy*. 2014;299-315.  
<https://doi.org/10.2166/wp.2014.095>

Tampio E, Ervasti S, Paavola T, Heaven S, Banks C, Rintala J. **Anaerobic digestion of autoclaved and untreated food waste.** *Waste Management*. 2014;34(2):370-377. <https://doi.org/10.1016/j.wasman.2013.10.024>

Envall J, Janhunen P, Toivanen P, Pajusalu M, Ilbis E, Kalde J et al. **E-sail test payload of the ESTCube-1 nanosatellite.** *Proceedings of the Estonian Academy of Sciences*. 2014;63(2S):210-221. <https://doi.org/10.3176/proc.2014.2S.02>

Blasco L, Kahala M, Tampio E, Ervasti S, Paavola T, Rintala J et al. **Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters.** *Anaerobe*. 2014;29:3-9. <https://doi.org/10.1016/j.anaerobe.2014.04.011>

Kaarela OE, Härkki HA, Palmroth MRT, Tuhkanen TA. **Bacterial diversity and active biomass in full-scale granular activated carbon filters operated at low water temperatures.** *Environmental Technology*. 2014;681-692.  
<https://doi.org/10.1080/09593330.2014.958542>

Bayr S, Ojanperä M, Kaparaju P, Rintala J. **Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp.** *Waste Management*. 2014;34(10):1853-1859. <https://doi.org/10.1016/j.wasman.2014.06.005>

Leppänen A, Tran H, Välimäki E, Oksanen A. **Modelling fume deposit growth in recovery boilers: effect of flue gas and deposit temperature.** *Journal of Science and Technology for Forest Products and Processes*. 2014;4(1):50-57.

Heino O, Anttiroiko A-V. **Kohti hajautettua infrastruktuuripolitiikkaa? Paikalliset vesiosuuskunnat perusrakenteiden tuottajina.** *Maaseudun uusi aika*. 2014;22(3):38-50.

Mustonen S, Raiko R, Luukkanen J. **Bioenergy consumption and biogas potential in Cambodian households.** *Sustainability*. 2013;5(5):1875-1892. <https://doi.org/10.3390/su5051875>

Zou G, Ylinen A, Di Capua F, Papirio S, Lakaniemi A-M, Puhakka J. **Impact of heavy metals on denitrification of simulated mining wastewaters.** *Advanced Materials Research*. 2013;825:500-503.  
<https://doi.org/10.4028/www.scientific.net/AMR.825.500>

Takala A, Korhonen-Yrjänheikki K. **A national collaboration process: Finnish engineering education for the benefit of people and environment.** *Science and Engineering Ethics*. 2013;19(4):1557-1569. <https://doi.org/10.1007/s11948-011-9330-y>

Tolvanen H, Kokko L, Raiko R. **Fast pyrolysis of coal, peat, and torrefied wood: Mass loss study with a drop-tube reactor, particle geometry analysis, and kinetics modeling.** *Fuel*. 2013;111(September):148-156.  
<https://doi.org/10.1016/j.fuel.2013.04.030>

Leppänen A, Välimäki E, Oksanen A, Tran H. **CFD-modeling of fume formation in kraft recovery boilers.** *TAPPI Journal*. 2013;12(3):25-32.

Kelishadi R, Amin MM, Haghdoost AA, Gupta AK, Tuhkanen TA. **Pollutants source control and health effects.** *Journal of Environmental and Public Health*. 2013;2013:1-2. 209739. <https://doi.org/10.1155/2013/209739>

- Heino O, Takala A. **Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään.** Kunnallistieteellinen Aikakauskirja. 2013;41(3):226-245.
- Anttiroiko A-V, Heino O. **Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka.** Yhdyskuntasuunnittelu. 2013;51(3):30-43.
- Kurki V, Lipponen A, Katko T. **Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons.** Water International. 2013;38(6):774-789. <https://doi.org/10.1080/02508060.2013.843374>
- Korpunen H, Raiko R. **Testing activity-based costing to large-scale combined heat and power plant using bioenergy.** International Journal of Energy Research. 2013;1-11. <https://doi.org/10.1002/er.3047>
- Rinta-Kanto JM, Sun S, Sharma S, Kiene RP, Moran MA. **Bacterial community transcription patterns during a marine phytoplankton bloom.** Environmental Microbiology. 2012 Jan;14(1):228-239. <https://doi.org/10.1111/j.1462-2920.2011.02602.x>
- Korpinen L, Kuisti H, Elovaara J, Virtanen V. **Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines.** PACE: Pacing and Clinical Electrophysiology. 2012;35(4):422-430. <https://doi.org/10.1111/j.1540-8159.2011.03327.x>
- Korpinen L, Kuisti HA, Tarao H, Elovaara JA. **Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks.** Bioelectromagnetics. 2012;33(5):438-442. <https://doi.org/10.1002/bem.21711>
- Rodriguez Avila M, Honkanen M, Raiko R, Oksanen A. **Coal char combustion in O<sub>2</sub>/N<sub>2</sub> and O<sub>2</sub>/CO<sub>2</sub> conditions in a drop tube reactor: an optical study.** Industrial Combustion. 2012;1-22. 201201.
- Heino O, Takala A, Vihanta J. **Water - The Most Important Subject of the World.** Ympäristöhistoria: Finnish Journal of Environmental History. 2012;(1):44-58.
- Lakaniemi A-M, Tuovinen OH, Puhakka JA. **Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells.** BioEnergy Research. 2012;5(2):481-491. <https://doi.org/10.1007/s12155-012-9186-2>
- Cajal-Marinoso P, de la Calle R, Rivas FJ, Tuhkanen T. **Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil.** Journal of Advanced Oxidation Technologies. 2012;15(2):429-436.
- Anttiroiko A-V, Heino O. **Insentivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus.** Työelämän tutkimus. 2012;10(3):298-305.
- Leppänen A, Välimäki E, Oksanen A. **Modeling fine particles and alkali metal compound behavior in a kraft recovery boiler .** TAPPI Journal. 2012;11(7):9-14.
- Korpinen L, Pääkkönen R. **Accidents and close call situations connected to the use of mobile phones.** Accident Analysis and Prevention. 2012;45:75-82. <https://doi.org/10.1016/j.aap.2011.11.016>
- Korpinen L, Pääkkönen R, Gobba F. **White-Collar Workers' Self-Reported Physical Symptoms Associated With Using Computers.** International Journal of Occupational Safety and Ergonomics. 2012;18(2):137-147.
- Tarao H, Kuisti H, Korpinen L, Hayashi N, Isaka K. **Effects of tissue conductivity and electrode area on internal electric fields in a numerical human model for ELF contact current exposures.** Physics in Medicine and Biology. 2012;57(10). <https://doi.org/10.1088/0031-9155/57/10/2981>

Cajal-Marinosa P, Reich O, Mobes A, Tuhkanen T. **Treatment of Composted Soils contaminated with Petroleum Hydrocarbons using Chemical Oxidation followed by Enhanced Aerobic Bioremediation.** Journal of Advanced Oxidation Technologies. 2012;15(1):217-223.

Kokko L, Tolvanen H, Hämäläinen K, Raiko R. **Comparing the energy required for fine grinding torrefied and fast heat treated pine.** Biomass & Bioenergy. 2012;42(Jul):219-223. <https://doi.org/10.1016/j.biombioe.2012.03.008>

Takala AJ, Arvonen V, Katko TS, Pietilä PE, Åkerman MW. **The evolving role of water co-operatives in Finland.** International Journal of Co-Operative Management. 2011;5(2):11-19.

Korpinen L, Kuisti H, Pääkkönen R, Vanhala P, Elovaara J. **Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV.** Annals of Occupational Hygiene. 2011;55(5):526-536. <https://doi.org/10.1093/annhyg/mer013>

Rantala A, Utriainen M, Kaushik N, Virta M, Välimaa A-L, Karp M. **Luminescent bacteria-based sensing method for methylmercury specific determination.** Analytical and Bioanalytical Chemistry. 2011;400(4):1041-1049. <https://doi.org/10.1007/s00216-011-4866-x>

Heino OA, Takala AJ, Katko TS. **Challenges to Finnish water and wastewater services in the next 20-30 years.** E-Water. 2011;1-20. 2011/01.

Korpinen L, Pääkkönen R. **Working-aged population's mental symptoms and the use of the Internet.** Mental Illness. 2011;3(1):25-28. <https://doi.org/10.4081/mi.2011.e7>

Juuti P, Rajala R, Pietilä P, Katko T. **Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia.** Vesitalous. 2011;52(5):36-40.

Stepien M, Saarinen JJ, Teisala H, Tuominen M, Aromaa M, Kuusipalo J et al. **Adjustable wettability of paperboard by liquid flame spray nanoparticle deposition.** Applied Surface Science. 2011;257(6):1911-1917. <https://doi.org/10.1016/j.apsusc.2010.09.025>

Korpinen L, Elovaara JA, Kuisti HA. **Occupational exposure to electric fields and induced currents associated with 400 kV substation tasks from different service platforms.** Bioelectromagnetics. 2011;79-83. <https://doi.org/10.1002/bem.20612>

Stenroos M, Katko TS. **Managing water supply through joint regional municipal authorities in Finland: Two comparative cases.** Water. 2011;3(2):667-681. <https://doi.org/10.3390/w3020667>

Lakaniemi A-M, Koskinen PEP, Nevatalo LM, Kaksonen AH, Puhakka JA. **Biogenic hydrogen and methane production from reed canary grass.** Biomass & Bioenergy. 2011;35(2):773-780. <https://doi.org/10.1016/j.biombioe.2010.10.032>

Korpinen L, Pääkkönen R. **Physical symptoms in young adults and their use of different computers and mobile phones.** International Journal of Occupational Safety and Ergonomics. 2011;17(4):361-371.

Lakaniemi A-M, Hulatt CJ, Thomas DN, Tuovinen OH, Puhakka JA. **Biogenic hydrogen and methane production from *Chlorella vulgaris* and *Dunaliella tertiolecta* biomass.** Biotechnology for Biofuels. 2011;4(1):1-12. 34. <https://doi.org/10.1186/1754-6834-4-34>

Teisala H, Tuominen M, Aromaa M, Mäkelä JM, Stepien M, Saarinen JJ et al. **Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray.** Surface and Coatings Technology. 2010;205(2):436-445. <https://doi.org/10.1016/j.surfcoat.2010.07.003>

Korpinen L, Pääkkönen R. **Self-reported use of ICT (Information and communication technology) uptake in 2002 and discomfort amongst Finns aged 45-66.** Applied Ergonomics. 2010;(42):85-90. <https://doi.org/10.1016/j.apergo.2010.05.005>

Katko TS, Kurki VO, Juuti PS, Rajala RP, Seppälä OT. **Integration of water and wastewater utilities.** Journal American Water Works Association. 2010;102(9):62-70.

Szabo H, Tuhkanen T. **The application of HPLC-SEC for the simultaneous characterization of NOM and nitrate in well waters.** Chemosphere. 2010;80(7):779-786. <https://doi.org/10.1016/j.chemosphere.2010.05.007>

Suomalainen P, Korpinen L, Pääkkönen R. **A comparison of the usability of a laptop, communicator, and handheld computer.** Journal of Usability Studies. 2010;5(3):111-123.

Korpinen L, Pääkkönen R. **Occupational exposure to electric and magnetic fields during work tasks at 110 kV substations in the Tampere region.** Bioelectromagnetics. 2010;31(3):252-254. <https://doi.org/10.1002/bem.20555>

Katko TS, Juuti PS, Tempelhoff J. **Water and the city.** Environment and History. 2010;16(2):213-234. <https://doi.org/10.3197/096734010X12699419057331>

Lakaniemi A-M, Nevatalo LM, Kaksonen AH, Puhakka JA. **Mine wastewater treatment using Phalaris arundinacea plant material hydrolyzate as substrate for sulfate-reducing bioreactor.** Bioresource Technology. 2010;101(11):3931-3939. <https://doi.org/10.1016/j.biortech.2010.01.020>

Hukka JJ, Katko TS, Pietilä PE, Seppälä OT. **Towards balanced public-private co-operation in urban water management.** Journal of Management & Public Policy. 2010;2(1):71-81.

Hieta-Wilkman S, Vesa J, Korpinen L. **Co-operation between technical education of university and electro-technical standardization association.** Elektronika ir Elektrotechnika. 2010;10(106):165-168.

Rautanen S-L, Luonsi A, Nygård H, Vuorinen HS, Rajala RP. **Sanitation, water and health.** Environment and History. 2010;16(2):173-194. <https://doi.org/10.3197/096734010X12699419057250>

Korpinen L, Koskiranta M, Lehtelä R, Vesapuisto M, Tepsa K, Puro H. **The designing and the implementation of WWW-course &quot;Electricity, Electronics and Environment&quot;** Elektronika ir Elektrotechnika. 2010;102(6):75-78.

Hukka JJ, Castro JE, Pietilä PE. **Water, policy and governance.** Environment and History. 2010;16(2):235-251. <https://doi.org/10.3197/096734010X12699419057377>

Pääkkönen A, Peltola A, Pitkänen A, Mäkiranta R, Saario A, Oksanen A. **Developing and testing characterization methods for droplet combustion - Part I.** Archivum Combustionis. 2010;30(4):1-6.

Haapala A, Honkanen M, Liimatainen H, Stoor T, Niinimäki J. **Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions.** Chemical Engineering Journal. 2010;162:956-964. <https://doi.org/10.2495/MPF090291>

Vesapuisto M, Vekara T, Korpinen L, Koskiranta M, Lehtelä R. **The students' feedback on WWW-course "Electricity, Electronics and Environment".** Elektronika ir Elektrotechnika. 2010;102(6):99-102.

Mustonen SM. **Rural energy survey and scenario analysis of village energy consumption: A case study in Lao People's Democratic Republic.** Energy Policy. 2010;38(2):1040-1048. <https://doi.org/10.1016/j.enpol.2009.10.056>

Korpinen L, Pääkkönen R. **Mental symptoms and the use of new technical equipment.** International Journal of Occupational Safety and Ergonomics. 2009;15(4):385-400.

- Pärssinen T, Eloranta H, Saarenrinne P. **Effect of geometrical parameters on vortex-induced vibration of a splitter plate.** Journal of Fluids Engineering: Transactions of the ASME. 2009;131(3, 031203):1-9. <https://doi.org/10.1115/1.2844584>
- Takala A, Hukka JJ, Katko TS, Pietilä PE. **Vesiyhtymien toiminnan kehittäminen.** Vesitalous. 2008;(3):14-18.
- Lakaniemi A-M, Nevatalo LM, Kaksonen AH, Puhakka JA. **Hydrolysed cellulose material as sulfate reduction electron donor to treat metal- and sulfate containing waste water.** Advanced Materials Research. 2007;20-21:326-326. <https://doi.org/10.4028/www.scientific.net/AMR.20-21.326>
- Rinta-Kanto JM, Wilhelm SW. **Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie.** Applied and Environmental Microbiology. 2006 Jul;72(7):5083-5085. <https://doi.org/10.1128/AEM.00312-06>
- Lappalainen JO, Karp MT, Juvonen R, Virta MPJ, Nurmi J. **Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and Vibrio fischeri toxicity test.** Environmental Toxicology. 2000 Dec;15(5):443-448. [https://doi.org/10.1002/1522-7278\(2000\)15:5<443::AID-TOX12>3.0.CO;2-L](https://doi.org/10.1002/1522-7278(2000)15:5<443::AID-TOX12>3.0.CO;2-L)
- Tauriainen SM, Virta MPJ, Karp MT. **Detecting bioavailable toxic metals and metalloids from natural water samples using luminescent sensor bacteria.** Water Research. 2000 Jul;34(10):2661-2666. [https://doi.org/10.1016/S0043-1354\(00\)00005-1](https://doi.org/10.1016/S0043-1354(00)00005-1)
- Hukka J, Katko TS. **Water supply and sanitation as an entry point to human development: Vision21- Knowledge synthesis.** Vision21- Knowledge synthesis. 1999.
- Korpela MT, Kurittu JS, Karvinen JT, Karp MT. **A recombinant Escherichia coli sensor strain for the detection of tetracyclines.** Analytical Chemistry. 1998 Nov 1;70(21):4457-4462. <https://doi.org/10.1021/ac980740e>
- Katko TS. **The need for "champions" in rural water supply.** Waterlines. 1994;12(3): 19-22.
- Wang Q, Phung N, Di Girolamo D, Vivo P, Abate A. **Enhancement in Lifespan of Halide Perovskite Solar Cells.** Energy & Environmental Science. 2019 Mar;12(3):865-886. <https://doi.org/10.1039/C8EE02852D>
- Kinnunen P, Ismailov A, Solismaa S, Sreenivasan H, Räisänen M-L, Levänen E et al. **Recycling mine tailings in chemically bonded ceramics - A review.** Journal of Cleaner Production. 2018;174:634-649. <https://doi.org/10.1016/j.jclepro.2017.10.280>
- Rajala R, Hukka J. **Asset Life Cycle Management in Finnish Water Utilities.** JOURNAL OF WATER RESOURCE AND PROTECTION. 2018;10(6):587-595. <https://doi.org/10.4236/jwarp.2018.106033>
- Gogoi M, Layek R, Vuorinen J, Mahato M. **Conversion of Solid Waste into Functional Carbon Materials: A Review.** Energy and Environment Focus. 2017 Mar 1;6(1):52-68. <https://doi.org/10.1166/eef.2017.1237>
- Juuti P, Rajala R. **Sata vuotta Suomen suurimmasta lavantautiepidemiasta.** Vesitalous. 2017;2017(1):12-14.
- Juuti P, Rajala R. **Valkea kaupunki, mustat vedet.** Vesitalous. 2017;2017(1):15-17.
- Katko TS, Pietilä P. **Vesihuolto kaupungistuvissa yhteiskunnissa.** Alue ja Ympäristö. 2017;46(1):32-39.
- Nancharaiah YV, Venkata Mohan S, Lens PNL. **Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems.** Bioresource Technology. 2016 Sep;215:173-185. <https://doi.org/10.1016/j.biortech.2016.03.129>

Butti SK, Velvizhi G, Sulonen MLK, Haavisto JM, Oguz Koroglu E, Yusuf Cetinkaya A et al. **Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling.** Renewable and Sustainable Energy Reviews. 2016 Jan;53:462-476. <https://doi.org/10.1016/j.rser.2015.08.058>

Nancharaiah YV, Venkata Mohan S, Lens PNL. **Metals removal and recovery in bioelectrochemical systems: A review.** Bioresource Technology. 2015;195:102-114. <https://doi.org/10.1016/j.biortech.2015.06.058>

Kurki VO, Katko TS, Pietilä PE. **Bilateral collaboration in municipal water and wastewater services in Finland.** Water. 2010;2(4):815-825. <https://doi.org/10.3390/w2040815>

Heino O, Katko T, Takala A. **Ikääntyvä infra - vesihuollon keskeisin haaste.** Vesitalous. 2010;(6):22-24.

Jaatinen T, Katko T, Pynnönen S. **Vesitalous - monipuolisesti vesialalta.** Vesitalous. 2010;(6):45-47.

Liimatainen H. **Measures for Energy Efficient and Low Emission Private Mobility.** In Affordable and Clean Energy. Encyclopedia of the UN Sustainable Development Goals.. Springer. 2020. (Encyclopedia of the UN Sustainable Development Goals). [https://doi.org/10.1007/978-3-319-71057-0\\_57-1](https://doi.org/10.1007/978-3-319-71057-0_57-1)

Rajala R, Juuti P, Hukka J, Katko TS. **Historical development paths and means for winning the challenge of aging water services infrastructure.** In Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing. 2019. p. 15-30 [https://doi.org/10.2166/9781780409771\\_0015](https://doi.org/10.2166/9781780409771_0015)

Rajala R, Juuti P, Nealer E. **Nature and extent of potable water consumption in Tampere (Finland) and Carletonville (South Africa).** In Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing. 2019. p. 149-162

Juuti P, Mattila H, Rajala R, Schwartz K, Staddon. **Relevance of the resilience concept and long-term thinking for WSS providers.** In Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing. IWA Publishing. 2019. p. 227-236

Juuti P, Mattila H, Rajala R, Schwartz K, Staddon C. **Resiliency is the key for sustainable water services.** In Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing. IWA Publishing. 2019. p. 1-8

Staddon , Juuti P, Katko TS, Mattila H, Rajala R, Schwartz K. **Water security and resilience.** In Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing. 2019. p. 9-14

Leppänen M, Sarkkila J, Hämäläinen H, Rinkinen J. **Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner.** In Raasakka V, Lahtinen P, editors, Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials WASCON 2018: No Gradle, No Grave - Circular Economy into Practice. RIL - Finnish Association of Civil Engineers. 2018. p. 168-175

Juuti P, Rajala R. **Water Cooperatives in Tampere, Finland: the case of Pispala.** In WATERLAT GOBACIT network. Working papers. Challenges and opportunities facing water-service co-operatives: cases from Argentina and Finland. 4 ed. Vol. 5. WATERLAT-GOBACIT Research Network. 2018. p. 23-32. (WATERLAT GOBACIT; 4). <https://doi.org/10.5072/zenodo.316861>

Juuti P, Katko TS, Rajala R. **Yhdyskuntien vesihuolto – kehityksen ja elämän ehto.** In Männistö-Funk T, editor, Miten Suomesta tuli tekniikan maa. Luku 4: Mikä maa, mikä tekniikka? Tekniikan Museon julkaisu 8. : How Finland Became a Country of Technology. Vol. 8. Helsinki: Tekniikan museo. 2017. p. 197-231. (Tekniikan Museon julkaisu 8).

White P, Rautanen S-L, Nepal PR. **Operationalising the right to water and sanitation and gender equality via appropriate technology in rural Nepal.** In Garrido Villareal M, editor, Human Rights and Technology. Costa Rica: University of Peace, Costa Rica. 2017. p. 217-239

Asikainen E, Hellman S, Parjanen L, Puputti M, Raatikainen S, Schroderus M. **Unipoli Green - Four Universities Working Together for Sustainability**. In Leal Filho W, Mifsud M, Shiel C, Pretorius R, editors, Handbook of Theory and Practice of Sustainable Development in Higher Education: Volume 3. Springer International Publishing. 2016. p. 257-273. (World Sustainability Series). [https://doi.org/10.1007/978-3-319-47895-1\\_16](https://doi.org/10.1007/978-3-319-47895-1_16)

Katko TS, Juuti P, Pietilä P, Rajala R. **Water services heritage and institutional diversity**. In Willems W, van Schaik H, editors, Water and Heritage: material, conceptual and spiritual connections. Sidestone Press. 2015

Katko TS, Juuti PS. **History of water and sanitation services in Finland in the urban-rural mixture : The Case of the City of Tampere, Finland**. In Tvedt T, Oestigaard T, editors, A History of Water: Water and Urbanization: Series III, Volume 1. London: I. B. Tauris. 2014. p. 498-519

Katko TS, Hukka JJ, Mashauri DA, Nyangeri EN. **Water services and cooperation**. In Grafton RQ, Wyrwoll P, White C, Allendes D, editors, Global water : issues and insights. Australia: ANU Press, Australian National University Press. 2014. p. 231-239

Heino O, Kallio O, Valkama P, Siitonen P. **Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus**. In Valkama P, editor, Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 33-50

Valkama P, Heino O, Kallio O. **Päätelmät yhdyskuntajätehuollon markkinainnovaatioista - taustat, kiistat ja sovellukset**. In Valkama P, editor, Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 159-170

Pietilä P. **Diversity of the water supply and sanitation sector: roles of municipalities in Europe**. In Katko TS, Juuti PS, Schwartz K, Rajala RP, editors, Water Services Management and Governance : Lessons for a Sustainable Future. IWA Publishing. 2013. p. 99-111

Heino O. **Jätehuollon tekniset vaihtoehdot**. In Valkama P, editor, Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 51-74

Seppälä O, Katko TS. **Gestao e organizacao dos servicos de saneamento : Abordagens europeias**. In Heller L, Esteban Castro J, editors, Política publica e gestao de servicos de saneamento. Belo Horizonte; Rio de Janeiro: Editora da Universidade Federal de Minas Gerais (UFMG); Editora Fiocruz. 2013. p. 135-155

Katko TS, Rautavaara A. **Developing community water services and cooperation in Finland and the South**. In Griffiths J, Lambert R, editors, Free Flow - Researching Water Security Through Cooperation. United Nations Educational, Scientific and Cultural Organization; Unesco Publishing; Tudor Rose. 2013. p. 240-244

Kallio O, Heino O, Valkama P, Autero A. **Yhdyskuntajätehuollon markkinainnovaatiot tutkimuskaupungeissa**. In Valkama P, editor, Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 114-143

Kallio O, Heino O, Valkama P, Autero A. **Sidosryhmien näkemykset jätehuollon markkinoistumisesta**. In Valkama P, editor, Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 144-158

Vuorinen HS, Juuti PS, Katko TS. **Safety of lead water pipes: history and present**. In Katko TS, Juuti PS, Schwartz K, Rajala RP, editors, Water Services Management and Governance : Lessons for a Sustainable Future. IWA Publishing. 2013. p. 89-96



Hukka JJ, Katko TS. **Paradigma alternativo : O papel das cooperativas e das autoridades locais.** In Heller L, Esteban Castro J, editors, *Política pública e gestão de serviços de saneamento.* Belo Horizonte; Rio de Janeiro: Editora da Universidade Federal de Minas Gerais (UFMG); Editora Fiocruz. 2013. p. 214-237

Kallio O, Valkama P, Siitonen P, Heino O. **Jätehuollon jakautuminen osamarkkinoihin ja yritystoiminta.** In Valkama P, editor, *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa.* Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 99-113

Katko TS, Kurki VO, Juuti PS, Rajala RP, Seppälä OT. **Integration of water and wastewater utilities.** In Katko TS, Juuti PS, Schwartz K, Rajala RP, editors, *Water Services Management and Governance : Lessons for a Sustainable Future.* IWA Publishing. 2013. p. 29-40

Heino O. **Tuotanto- ja operointi-innovaatiot - case vesihuolto.** In Malinen P, Anttiroiko A-V, Haahtela T, Siitonen P, editors, *Huomispäivän infrastruktuuri. Kuntaliiton verkkojulkaisu. Acta 240.* Suomen Kuntaliitto. 2013. p. 120-138

Maanoja S, Palmroth M, Rintala J. **Biological methane oxidation in landfill cover soil - constrained by concurrent decomposition processes and sulphide oxidation?** In Luc M, editor, *Biotechniques for air pollution control and bioenergy.* Paris: Presses des MINES. 2013. p. 65-72

Antila K, Katko TS, Mattila H. **Technology development theories and water services evolution.** In Katko TS, Juuti PS, Schwartz K, Rajala RP, editors, *Water Services Management and Governance : Lessons for a Sustainable Future.* IWA Publishing. 2013. p. 13-27

Valkama P, Kallio O, Heino O. **Tutkimuksen teoreettinen viitekehys.** In Valkama P, editor, *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa.* Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013. p. 16-32

Palmroth MRT, Kolha V, Ramos Garcia A, Richter C, Crosnier F, Perrier L et al. **Biofiltration of odours in dry toilet air.** In Malhautier L, editor, *Biotechniques for air pollution control and bioenergy.* Paris: Presses des MINES. 2013. p. 291-297

Barraque B, Juuti PS, Katko TS. **Urban water conflicts in recent European history: Changing interactions between technology, environment and society.** In Barraque B, editor, *Urban water conflicts.* Taylor & Francis and UNESCO Publishing; A Balkema book. 2012. p. 15-32. (Urban water series, UNESCO IHP).

Szabo HM, Tuhkanen T. **Identification of Wastewater Leaching into the Wells by HPLC-SEC Using UV and Fluorescence Detection.** In Huseyin G, Umut T, James WL, editors, *Survival and Sustainability : Environmental concerns in the 21st Century.* Springer Berlin Heidelberg. 2011. p. 893-897. (Environmental Earth Sciences). [https://doi.org/10.1007/978-3-540-95991-5\\_84](https://doi.org/10.1007/978-3-540-95991-5_84)

Juuti P, Rajala R. **Ja alussa oli vesi.** In Juuti P, Rajala R, editors, *Vinttikaivosta vesi-yhtiöön.* Saarijärvi: TamPub. 2011. p. 15-18

Juuti P, Rajala R. **Vesihuollon alkutaival – kehitys 1910 asti.** In Juuti P, Rajala R, editors, *Vinttikaivosta vesi-yhtiöön.* Saarijärvi: TamPub. 2011. p. 19-50

Juuti P, Rajala R. **Kasvun ja veden kausi – I vesilaitoksesta II maailmansotaan.** In Juuti P, Rajala R, editors, *Vinttikaivosta vesi-yhtiöön.* Saarijärvi: TamPub. 2011. p. 51-74

Juuti P, Rajala R. **Laajentumisen aika.** In Juuti P, Rajala R, editors, *Vinttikaivosta vesi-yhtiöön.* Saarijärvi: TamPub. 2011. p. 75-118

Juuti P, Rajala R. **Vesihuoltoa kuntiin**. In Juuti P, Rajala R, editors, Vinttikaivosta vesiyhtiöön. Saarijärvi: TamPub. 2011. p. 119-176

Juuti P, Rajala R. **Uuden vuosituhanen tiennäyttävä – HS-Veden alkutaival**. In Juuti P, Rajala R, editors, Vinttikaivosta vesiyhtiöön. Saarijärvi: TamPub. 2011. p. 177-222

Juuti P, Rajala R. **Vesi on parasta kylmänä – loppusanat**. In Juuti P, Rajala R, editors, Vinttikaivosta vesiyhtiöön. Saarijärvi: TamPub. 2011. p. 223-231

Kokko L, Tolvanen H, Hankalin V, Raiko R. **Kinetics of biomass pyrolysis**. In Mäkinen T, Alakangas E, Kauppi M, editors, BioRefine Yearbook 2010. Tekes Rewiew. 2010. p. 39-45

Tuhkanen TA, Cajal Marinosa P. **UV irradiation for Micropollutant removal from aqueous solution in the presence of H<sub>2</sub>O<sub>2</sub>**. In Virkutyte J, Varma R, Jegatheesan V, editors, Treatment of Micropollutants in Water and Wastewater. Integrated Environmental Technology Series. 2010. p. 295-320

Katko T. **Pintavedestä pohjaveteen ja tekopohjaveteen**. In Juuti P, Katko T, Louekari S, Rajala R, editors, Näkymätönt Porii. Porin Veden historia. 2010. p. 236-311

Juuti PS, Nygård H, Katko TS. **Water and sanitation services in history: Motivations, expectations and experiences**. In Tvedt T, Oestigaard T, editors, A History of Water, Series II, Volume 1: Ideas of Water from Ancient Societies to the Modern World. 2010. p. 231-249

Katko T. **Asteittain kohti keskitettyä jätevedenpuhdistusta**. In Juuti P, Katko T, Louekari S, Rajala R, editors, Näkymätönt Porii. Porin Veden historia. 2010. p. 312-369

Juuti P, Rajala R. **Mihin jätevedenpuhdistusta tarvitaan?** In Juuti P, Rajala R, Katko T, editors, Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä. TamPub. 2010. p. 13-35

Juuti P, Rajala R. **Jätevedenpuhdistuksen ja viemäröinnin vaiheita Helsingissä**. In Juuti P, Rajala R, Katko T, editors, Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä. TamPub. 2010. p. 36-90

Juuti P, Rajala R. **Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo**. In Juuti P, Rajala R, Katko T, editors, Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä. TamPub. 2010. p. 91-113

Juuti P, Rajala R. **Tavoitteena puhdas asuinympäristö**. In Juuti P, Rajala R, Katko T, editors, Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä. TamPub. 2010. p. 114-134

Juuti P, Rajala R. **Kohti puhtaampaa Itämerta**. In Juuti P, Rajala R, Katko T, editors, Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä. TamPub. 2010. p. 135-142

Juuti P, Pietilä P, Rajala R. **Johdanto: vesirikas Riihimäki**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 26-33

Rajala R. **Pohjavesi, meidän vesi**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 110-147

Juuti P, Rajala R. **Vesilinna, Riihimäen maamerkki**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 148-183

Rajala R. **Verkoston varrella**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 184-229

Juuti P, Rajala R. **Vesihuollon haasteet ennen ja nyt**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 278-299

Juuti P, Rajala R, Pietilä P. **Hyvien yhteyksien ja hyvän veden kaupunki**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 314-333

Juuti P. **Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 34-63

Juuti P. **"Poika, nyt lähdettiin hommiin" - vesilaitos syntyy**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 64-109

Juuti P. **Vesihuollon historia päihinänkuoressa**. In Juuti P, Rajala R, Pietilä P, Katko T, editors, Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia. TamPub. 2010. p. 300-313

Rajala R. **Asiakkaat, verkostot ja henkilöstö**. In Juuti P, Katko T, Louekari S, Rajala R, editors, Näkymätönt Porrii: Porin Veden historia. TamPub. 2010. p. 370-491

Juuti P, Rajala R. **Vesihuoltoa espoossa ennen kunnallista vesilaitosta**. In Juuti P, Rajala R, editors, Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta. University of Tampere. 2009. p. 5-26

Juuti P, Rajala R. **Päijänne-tunneli ja kolmisopimus**. In Juuti P, Rajala R, editors, Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta. University of Tampere. 2009. p. 27-38

Juuti P, Rajala R. **Ensimmäiset fuusiosuunnitelmat**. In Juuti P, Rajala R, editors, Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta. University of Tampere. 2009. p. 39-76

Juuti P, Rajala R. **Yhdistymishankkeet 2000-luvulla**. In Juuti P, Rajala R, editors, Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta. University of Tampere. 2009. p. 77-130

Juuti PS, Rajala R. **Loppuluku – haasteita riittää tulevaisuuteen**. In Juuti P, Rajala R, editors, Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta. University of Tampere. 2009. p. 131-144

Juuti P, Rajala R, Katko TS. **Palo, jano, terveys, hygienia**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 13-20

Juuti P, Rajala R, Katko TS. **Virta: Kajaani, kaupunki joen varrella**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 21-36

Juuti P, Rajala R, Katko TS. **Syntymä ja kuolema: Laitoksen perustamiseen johtanut kehitys**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 37-46

Juuti P, Rajala R, Katko TS. **Tuli: Pelko ja pelastus**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 47-64

Juuti P, Rajala R, Katko TS. **Vesi: Vesilaitoksen alkutaival 1920-luvulta 1970-luvulle**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 65-92

Juuti P, Rajala R, Katko TS. **Lähde: Pohjavedenottamot**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 93-136

Juuti P, Rajala R, Katko TS. **Saasta: Jätevesien puhdistus ja viemäröinti**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 137-174

Juuti P, Rajala R, Katko TS. **Kokemus: Kajaanin vesihuollon ammattilaisten kokemukset ja näkemykset**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 175-228

Juuti P, Rajala R, Katko TS. **Yhteistyö**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 229-256

Juuti P, Rajala R, Katko TS. **Visio: Historian havinaa ja tulevaisuuden haasteita**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 257-270

Juuti P, Rajala R, Katko TS. **Fire, Thirst, Health and Hygiene: Root Causes for the Introduction of Water Supply and Sanitation in Kajaani**. In Juuti P, Rajala R, Katko T, editors, Elämän virta: Kajaanin veden historia. TamPub. 2009. p. 275-286

Juuti PS, Katko TS, Rajala RP. **Introduction: Evolution and futures of water management: strategic decisions, challenges and effectiveness**. In Juuti P.S. KTS, Rajala RP, editors, Water: a Matter of Life - Long-term strategic thinking in water services. 193 p. KehraMedia Inc. 2008. p. 6-20

Juuti P, Rajala R. **Tausta: Jätevedenpuhdistuksen alku, tehtävän määrittely ja keskeiset käsitteet**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 7-18

Juuti P, Rajala R. **Vesihuollon alku Espoossa: ensimmäiset päätökset**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 19-38

Juuti P, Rajala R. **Yhteistyötarpeet ja synergiaedut : miksi hoitaa kaikkien jätevedet?** In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 39-64

Juuti P, Rajala R. **Vaatimus paremmasta puhdistustuloksesta ohjaa jätevedenpuhdistuksen päätöksentekoa**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 65-72

Juuti P, Rajala R. **Espoo päättää siirtyä kärkipaikalle**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 73-76

Juuti P, Rajala R. **Tutkimustoiminnalla turvallisuutta ja toimintavarmuutta: päätös panostaa omaan jätevesilaboratorioon**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 77-84

Juuti P, Rajala R. **Voimaa historiallisesta yhteistyöstä**. In Juuti P, Rajala R, editors, Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa. TamPub. 2008. p. 85-100

Juuti PS, Katko TS, Vuorinen HS. **Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 99-102

Juuti PS, Katko TS, Vuorinen HS. **Part III: Modern Urban Infrastructure. Ch 20 Introduction.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 509-510

Juuti PS, Katko TS, Vuorinen HS. **Water is the Beginning of All: Global Water Services and Challenges.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 3-8

Juuti PS, Katko TS, Vuorinen HS. **Conclusions.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 259-262

Juuti PS, Katko TS, Vuorinen HS. **Conclusions.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 501-506

Juuti PS, Katko TS, Mäki HR, Toivio HK. **Expanding rural water supplies in historical perspective: Six cases from Finland and South Africa.** In Juuti PS, Katko TS, Vuorinen HS, editors, Environmental History of Water - Global views on community water supply and sanitation. 2007. p. 355-380

Juuti PS, Katko TS, Vuorinen HS. **Part III: Modern urban infrastructure. Introduction.** In Juuti PS, Katko TS, Vuorinen HS, editors, Environmental History of Water - Global views on community water supply and sanitation. 2007. p. 265-269

Juuti PS, Katko TS, Vuorinen HS. **Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 11-16

Juuti PS, Katko TS, Vuorinen HS. **Part III: Modern Urban Infrastructure. Ch 20 Introduction.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 265-270

Juuti PS, Katko TS, Vuorinen HS. **Conclusions: Does History Matter? Present Water Governance Challenges and Future Implications.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 589-592

Juuti PS, Katko TS, Vuorinen HS. **Epilogue: Local Solutions Based on Local Conditions.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 593-598

Juuti PS, Katko TS. **Birth and expansion of public water supply and sanitation in Finland until World War II.** In Juuti PS, Katko TS, Vuorinen HS, editors, Environmental History of Water - Global views on community water supply and sanitation. 2007. p. 117-130

Juuti PS, Katko TS, Hukka JJ. **Privatisation of water services in historical context, Mid-1800s to 2004.** In Juuti PS, Katko TS, Vuorinen HS, editors, Environmental History of Water - Global views on community water supply and sanitation. 2007. p. 235-257

Juuti PS, Katko TS, Vuorinen HS. **Conclusions.** In Juuti P.S. KTS, Vuorinen HS, editors, 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. 2007. p. 93-96

Juuti PS, Katko TS. **Historical development of water and sanitation services**. In Juuti PS, Katko TS, editors, *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005. p. 25-38

Juuti PS, Katko TS. **Comparative analysis and discussion**. In Juuti PS, Katko TS, editors, *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005. p. 219-240

Juuti PS, Katko TS. **Long-term strategic decisions in 13 countries and 29 cities**. In Juuti PS, Katko TS, editors, *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005. p. 50-72

Konttinen J, Kramb J, DeMartini N, Gomez-Barea A. **The role of inorganics in modelling of biomass gasification**. In Ek L, Ernrooth H, Scarlat N, Grassi A, Helm P, editors, *EUBCE 2017 Online Conference Proceedings. ETA-Florence Renewable Energies*. 2017. p. 443-447. (European biomass conference and exhibition proceedings).  
<https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

Ojala P, Hietala J-P, Miettinen J, Julkunen P, Nieminen I. **Modelling of seep through of humidity to electric connector with stochastic processes**. In Cepin M, Bris R, editors, *ESREL 2017. Safety and Reliability. Theory and Applications*. CRC Press. 2017 <https://doi.org/10.1201/9781315210469-384>

Mari T, Leivo V, Pekkonen M, Aaltonen A, Kiviste M, Haverinen-Shaughnessy U. **Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa**. In *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY. 2016. p. 13-18

Behailu BM, Mattila H. **Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia**. In Nenonen S, Junnonen J-M, editors, *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology. 2016. p. 431-440

Du L, Prasauskas T, Leivo V, Turunen M, Kiviste M, Martuzevicius D et al. **The effects of improved energy efficiency on indoor environmental quality in multi-family buildings**. In *Indoor Air 2016: The 14th international conference of Indoor Air Quality and Climate Ghent, Belgium July 3-8 2016*. 2016. 737

Koivisto K, Forsman J, Ronkainen M, Lahtinen P, Kolisoja P, Kuula P. **Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice**. In *Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnics 25th - 28th of May*. Reykjavik: Icelandic Geotechnical Society. 2016

Katko TS, Hukka JJ. **Institutional development is the key for sustainable water services in the built environment**. In Nenonen S, Junnonen J-M, editors, *Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions*. Tampere: Tampere University of Technology. Department of Civil Engineering. 2016. p. 419-430

Takala A. **Learning for sustainable water and sanitation services**. In Mazijn B, editor, *Proceedings of the 8th International Conference on Engineering Education for Sustainable Development (Bruges, 4-7 September 2016) : Building a circular economy together*. Brugge: Instituut vóór Duur rzame Ontwikkeling vzw. 2016. p. 250-258. D.3.2

Kurki V. **Negotiating water governance: towards cooperation in contentious groundwater recharge projects**. In *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering. 2016. p. 91-102

Holopainen S, Kouhia R, Ottosen NS, Matti R, Saksala T. **Modelling of anisotropic fatigue**. In Floryan JM, editor, *Contributions to the foundations of multidisciplinary research in mechanics: Papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM2016, Montreal, Canada, 21-26, Aug. 2016. Vol. 3*. IUTAM. 2016. p. 1822-1823

Du L, Leivo V, Kiviste M, Martuzevicius D, Turunen M, Prasauskas T et al. **Development of an assessment protocol: the impact of energy retrofits on indoor environmental quality and public health in the existing building stock.** In Healthy Buildings 2015 Europe (HB 2015) . International Society for Indoor Air Quality and Climate . 2015

Palmroth MRT, Mönkäre TJ, Steffen KT. **Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential.** In Kalogerakis N, Fava F, Manousaki E, editors, Book of abstracts of the 6th European Bioremediation Conference. 2015. p. 47. 169

Kotilainen M, Vuoristo P. **Influence of Diffusion Barriers on Thermal Ageing Behaviour of Solar Absorber Coatings on Copper.** In Surface Modification Technologies XXVIII: Tampere University of Technology Tampere, Finland June 16-18, 2014 . 2015. p. 481-491

Huovinen P. **Leveraging concepts for environmentally sustainable business management in construction - a focused review.** In Egbu C, editor, CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development. London, UK: IBEA Publications Ltd. 2015. p. 286-296

Leppänen A, Tran H, Välimäki E, Oksanen A. **Effect of Temperature on Fume Formation and Deposition in Kraft Recovery Boilers - a Modeling Approach.** In Nieminen M, Lampinen P, editors, 2014 International Chemical Recovery Conference, Proceedings - Volume 2. Suomen Soodakattilayhdistys, The Finnish Recovery Boiler Committee; TAPPI. 2014. p. 38-47

Korpinen L, Gonzalez-Sosa J, Tepsa K. **Examples of using the moodle virtual learning environment for teaching technical university students.** In Gomez Chova L, Candel Torres I, Lopez Martinez A, editors, EDULEARN12 Proceedings, 4th International Conference on Education and New Learning Technologies, 2-4 July, 2012, Barcelona, Spain. Barcelona: International Association of Technology, Education and Development IATED. 2012. p. 981-990. (International Conference on Education and New Learning Technologies).

Korpinen L, Kuisti H, Tarao H, Pääkkönen R. **Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations.** In PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia. Electromagnetics Academy. 2012. p. 282-285. (Progress in Electromagnetics Research Symposium).

Gobba F, Pääkkönen R, Tarao H, Korpinen L. **The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home.** In PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia. Electromagnetics Academy. 2012. p. 286-288. (Progress in Electromagnetics Research Symposium).

Pääkkönen R, Tarao H, Gobba F, Korpinen L. **Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work.** In PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia. Electromagnetics Academy. 2012. p. 823-825. (Progress in Electromagnetics Research Symposium).

Pääkkönen R, Kuisti H, Gonzalez JA, Tarao H, Gobba F, Korpinen L. **Comparison the portable service platforms influence to electric field exposure at 110 kV substations.** In The Bioelectromagnetics Society 34th Annual Meeting, June 17, 2012 - June 22, 2012, Brisbane, Australia. The Bioelectromagnetics Society. 2012. p. 215-217. (The Bioelectromagnetics Society Annual Meeting).

Pynnönen S, Tuhkanen T. **Environmental impact of micropollutants present in urine.** In Dry Toilet Conference 2012, 4th International Dry Toilet Conference, Full Papers, 22-24 August 2012, Tampere, Finland. Helsinki: Global Dry Toilet Association of Finland. 2012. p. 1-8. (International Dry Toilet Conference).

Pynnönen K, Tuhkanen T, Rieck C, von Munch E. **Two Years after Donor Funding Ended: Success Factors for Schools to Keep their Urine-Diverting Dry Toilets (UDDTs) Clean and Well Maintained.** In Dry Toilet Conference 2012, 4th International Dry Toilet Conference, Full Papers, 22-24 August 2012, Tampere, Finland. Helsinki: Global Dry Toilet Association of Finland. 2012. p. 1-10. (International Dry Toilet Conference).

Okun A, Korpinen L. **Examples to Reduce the EMF Generated by HV Power Transmission Lines of Different Design.** In Proceedings - 7th International Workshop on Biological Effects of Electromagnetic Fields, 7th IWSBEEMF, 8 - 12 October 2012, Valletta, Malta. Electromagnetic Research Group - EMRG (Malta); Department of Physics, University of Malta. 2012.

(International Workshop on Biological Effects of Electromagnetic Fields).

Tarao H, Hayashi N, Korpinen L, Gonzalez JA, Matsumoto T, Isaka K. **Effect of Tissue Conductivity on Internal Body Resistances of Numerical Human Model at Power Frequency**. In The Bioelectromagnetics Society 34th Annual Meeting, June 17, 2012 - June 22, 2012, Brisbane, Australia. The Bioelectromagnetics Society. 2012. p. 197-199. (The Bioelectromagnetics Society Annual Meeting).

Leppänen A, Välimäki E, Oksanen A, Tran H. **CFD-Modeling of Fume Formation in Kraft Recovery Boilers**. In TAPPI PEERS Conference Proceedings 14.-18.10.2012, Savannah, USA. TAPPI. 2012. (TAPPI PEERS Conference).

Korpinen L, Pääkkönen R, Gonzalez-Sosa J, Gobba F. **Experiences of integrating MSc student research projects in the "electromagnetic fields and health" area**. In Gomez Chova L, Candel Torres I, Lopez Martinez A, editors, EDULEARN12 Proceedings, 4th International Conference on Education and New Learning Technologies, 2-4 July, 2012, Barcelona, Spain. Barcelona: International Association of Technology, Education and Development IATED. 2012. p. 1007-1010. (International Conference on Education and New Learning Technologies).

Pitkänen A, Raiko R, Korpinen L. **Gender comparison - The university students' exam results in the environmental and energy area**. In Gomez Chova L, Lopez Martinez A, Candel Torres I, editors, INTED 2012 Proceedings, 6th International Technology, Education and Development Conference, March 5th-7th, 2012, Valencia, Spain. Spain: International Association of Technology, Education and Development IATED. 2012. p. 3299-3308. (International Technology, Education and Development Conference).

Korpinen L, Kuisti H, Pääkkönen R, Gobba F. **A comparison of occupational electric field exposures during working tasks at 400 kV and 110 kV substations**. In Proceedings - 7th International Workshop on Biological Effects of Electromagnetic Fields, 7th IWSBEEMF, 8 - 12 October 2012, Valletta, Malta. Electromagnetic Research Group - EMRG (Malta); Department of Physics, University of Malta. 2012. (International Workshop on Biological Effects of Electromagnetic Fields).

Palmroth MRT, Kolha VA, Ramos Garcia A, Perrier L, Richter C, Tuhkanen TA. **Removal of odours in dry toilets by biofiltration**. In ECO STP, EcoTechnologies for Wasterwater Treatment, Technical, Environmental & Economic Challenges, Santiago de Compostela, Spain, 25-27 June 2012. International Water Association IWA. 2012. p. 1-4. (EcoTechnologies for Wasterwater Treatment, IWA International Conference).

Gonzalez-Sosa J, Korpinen L. **The experiences of technical university students on an "environmental health" course**. In Gomez Chova L, Candel Torres I, Lopez Martinez A, editors, EDULEARN12 Proceedings, 4th International Conference on Education and New Learning Technologies, 2-4 July, 2012, Barcelona, Spain. Barcelona: International Association of Technology, Education and Development IATED. 2012. p. 1586-1592. (International Conference on Education and New Learning Technologies).

Gobba F, Rossi P, Contessa GM, Korpinen L. **Exposure to Extremely Low Frequency Magnetic Fields: a Personal Monitoring Study in a Large Group of Workers**. In II National Conference ICEmB 27.-29.6.2012, Bologna, Italy. Genova: The Inter-university research Centre into Interactions between Electromagnetic fields and Biosystems ICEmB. 2012. p. 63-64. (National Conference ICEmB).

Korpinen L, Lehtelä R, Vesapuisto M, Vekara T. **The technical students' feedback from the course issues on environmental health**. In Proceedings of the 22nd EAEEIE Annual Conference - EAEEIE 2011, Maribor, Slovenia, June 13-15, 2011. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science. 2011. p. 119-123. (EAEEIE Annual Conference).

Tarao H, Hayashi N, Korpinen L, Matsumoto T, Isaka K. **Calculation of Induced Electric Fields in Human Models Exposed to ELF Magnetic and Electric Fields**. In Gockenbach E, Eichler C, Mohsen F, Fischer M, Gratz O, Pham K, Zhang X, editors, ISH 2011, 17th International Symposium on High Voltage Engineering, August 22-26, 2011, Hannover, Germany. Hannover: Leibnitz Universität Hannover. 2011. p. 44-44. (International Symposium on High Voltage Engineering ISH).

Leppänen A, Välimäki E, Oksanen A. **Study of Aerosols of Black Liquor Combustion**. In 11th International Conference on Energy for Clean Environment, 5-8 July 2011, Lisbon Portugal. Lisbon: Clean Air conference series. 2011. p. 1-11. (International Conference on Energy for Clean Environment).



Oksanen A, Saario AJ. **Reduction of combustion-generated emissions by means of multiobjective optimization and computational fluid dynamics.** In CFD & Optimization 2011, Methods and Applications, ECCOMAS Thematic Conference, 23-25 May 2011, Antalya, Turkey. Antalya: ECCOMAS. 2011. p. 1-17. (ECCOMAS Thematic Conference on CFD & Optimization, Methods and Applications).

Leppänen A, Välimäki E, Oksanen A. **Modeling of Fine Particles and Alkali Metal Compounds in Kraft Recovery Boiler Furnace.** In The 2011 TAPPI PEERS Conference, 2-5 October 2011, Oregon Convention Center in Portland, Oregon USA. Norcross, GA: TAPPI. 2011. p. 1-8. (TAPPI PEERS Conference).

Alanko T, Pääkkönen R, Lahtinen S, Korpinen L. **Examples of occupational ELF electric and magnetic field exposure in Finland.** In 10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy. Rome: European Bioelectromagnetics Association. 2011. p. 1-2. (International Conference European Bioelectromagnetics Association).

Takala A. **Sustainability competencies of engineers in the field of water supply and sanitation.** In World Sustainable Building Conference SB11, October 18-21, 2011, Helsinki, Finland. Helsinki: RIL - Finnish Association of Civil Engineers. 2011. p. 180-181. (World Sustainable Building Conference SB11).

Pääkkönen R, Lahtinen S, Korpinen L. **The doors of operating devices mitigation influence to the electric field exposure at 110kV substation tasks on service platforms.** In 10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy. Rome: European Bioelectromagnetics Association. 2011. p. 2 p. (International Conference European Bioelectromagnetics Association).

Korpinen L, Lahtinen S, Gobba F. **Comparison between the Occupational ELF magnetic field exposure in Finland and in Italy.** In 10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy. Rome: European Bioelectromagnetics Association. 2011. p. 2 p. (International Conference European Bioelectromagnetics Association).

Leppänen A, Välimäki E, Oksanen A. **CFD Based Modelling for Predicting Fouling and Corrosion in Kraft Recovery Boilers.** In 19th European Biomass Conference and Exhibition, 6-10 June 2011, Berlin Germany. Berlin: European Biomass Conference and Exhibition. 2011. p. 1033-1040. (European Biomass Conference and Exhibition).  
<https://doi.org/10.5071/19thEUBCE2011-OA10.3>

Pääkkönen A, Pitkänen A, Mäkiranta R, Saario A, Oksanen A. **Developing and testing characterization methods for droplet combustion - part II.** In 9th European Conference on Industrial Furnaces and Boilers, Estoril, Portugal, 26-29 April, 2011. Estoril: INFUB. 2011. p. 1-10. (European Conference on Industrial Furnaces and Boilers).

Stepien M, Saarinen JJ, Teisala H, Tuominen M, Aromaa M, Kuusipalo J et al. **Adjustable hydrophilicity and hydrophobicity on paperboard by liquid flame spray process.** In 2010 TAPPI Advanced Coating Fundamentals Symposium, October 11-13, 2010, Munich, Germany. 2010. p. 6 p

Pääkkönen R, Holm A, Korpinen L. **Exposure to electric and magnetic fields at 110 kV substation while performing the task 'Changing a bulb from a man hoist' in the Tampere region.** In Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea. 2010. p. 1-2

Lepistö K, Korpinen L. **Kirjastolta uutta tiedonhankinnan opetusta tukemaan opetusta antavien yksiköiden toimintaa.** In Myller E, editor, ReflekTori 2010 Tekniikan opetuksen symposium 9.-10.2010, Espoo. Dipoli-raportit B. 2010. p. 136-138

Österholm L, Pääkkönen R, Lehtelä R, Holm A, Korpinen L. **An example of exposure to magnetic fields in the home.** In Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea. 2010. p. 1-2

Hukka JJ, Katko TS, Pietilä PE, Seppälä OT, Vinnari EM. **Forgotten infrastructure - In the quest for development, sustainability and security.** In Auffermann B, Kaskinen J, editors, Proceedings of the Conference on Security in Futures - Security in Change, 3-4 June 2010, Turku, Finland. FFRC eBook. 2010. p. 318-325

Kreutzer J, Honkanen M, Laaksonen J, Kallio P. **Perfusion characterization using flow simulations and  $\mu$ PIV measurements.** In Proceedings of the 2nd European Conference on Microfluidics - Microfluidics 2010, Toulouse, December 8-10, 2010. 2010. p. 1-9

Inha L, Paavilainen P, Pietilä P, Katko T. **Requirements for rainfall retention and storage in cold climate.** In Steusloff H, editor, Conference Proceedings. IWRM Integrated Water Resources Management, 24-25 November 2010, Karlsruhe. 2010. p. 343-349

Holm A, Korpinen L. **Long-term measurement of free time exposure to low frequency magnetic fields in Finland.** In Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea. 2010. p. 1-2

Karvinen R, Karvinen T. **Geometry of plate fins for maximizing heat transfer.** In 14th International Heat Transfer Conference IHTC-14, August 8-13, 2010, Washington DC, USA. ASME. 2010. p. 1-10

Lahti J, Eiroma K, Tenhunen T-M, Pykönen M, Toivakka M. **Influence of atmospheric plasma treatment on surface properties and inkjet printability of plastic packaging film.** In Iarigai 2010 Montreal, Advances in Printing and Media Technology, Montreal, Canada, September 12-15, 2010. 2010. p. 1-7

Karvinen R. **Use of analytical expressions of convection in conjugated heat transfer problems.** In Proceedings of the International Heat Transfer IHTC-14, August 8-13, 2010, Washington DC, USA. ASME. 2010. p. 1-13

Nikkola J, Mannila J, Vartiainen J, Tuominen M, Nättinen K. **Atmospheric plasma enhanced hybrid barrier films through reel-to-reel process.** In ICNP-2010, Second International Conference on Natural Polymers, Bio-Polymers, Bio-Materials, their Composites, Blends, IPNs and Gels Polyelectrolytes and Gels: Macro to Nano Scales, September 24-26, 2010, Espoo, Finland. 2010. p. 1-11

Hukka JJ, Katko TS, Pietilä PE, Vinnari E. **Managing water and sewerage services in a cold, four-seasons climate.** In Proceedings of the 8th ISCORD Symposium, Tampere, Finland, September 25-27, 2007. 2007. p. 17-18

Juuti PS, Katko TS, Vuorinen HS. **Environmental history of water: Global view of community water supply and sanitation.** In Symposium Preprint Book: 1st IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations, Iraklio, Greece, 27.10.2006. 2006. p. 631-636

Katko TS, Rajala RP. **Book Review: Time for Customer Orientation in Water Utilities Customer experience management for water utilities. Marketing urban water supply.** Public Works Management & Policy. 2019;24(2):228-230. <https://doi.org/10.1177/1087724X18820014>

Länsivaara T. **Editorial.** Environmental Geotechnics. 2018 Dec 17;5(6). <https://doi.org/10.1680/jenge.2018.5.6.309>

Katko TS. **Kirja-arviointi: Yliopistomme vaarassa hukkaa byrokratiaan. Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokratiasta ja opetuksen ylenkatsomisesta.** Into Kustannus Oy. 2017. . Tiedepolitiikka. 2018 Jun;43(1):58-60.

Katko TS. **Water Services Development and Governance in Finland. Feature Article.** JAWWA. 110, 5: 50-55. Journal American Water Works Association. 2018 May;110(5):50-55. <https://doi.org/10.1002/awwa.1079>

Katko TS. **Finland's Water Services: Looking to its Past to Figure Out its Future.** Water and Wastewater International. 2018 Mar.

Katko TS. **Kirja-arviointi: Kuinka vesiensuojelu saatiin pääosin kuntoon?** Vesitalous. 2017;58(4):46-47.

Sorri J. **Energistä utopiaa?** Futura. 2017;36(1):38-39.

Malaska M, Heikkilä R. **Editorial to "The best papers from the 32nd International Symposium on Automation and Robotics in Construction and Mining (ISARC 2015)".** Automation in Construction. 2016 Nov 1;71:1.  
<https://doi.org/10.1016/j.autcon.2016.08.045>

Katko TS. **Vieraskynä : Vesialan osaamista kehitettävä yhteiskunnan tarpeista.** Vesitalous. 2014;(1/2014):51-51.

Katko TS. **Book review : Oestigaard, T. 2013. Water, Christianity and the rise of capitalism. London, New York: I.B. Tauris. ISBN 978-1-78076-066-7, 209 pages.** Water Alternatives. 2014;7(1):273-274.

Rajala R, Juuti P, Katko T. **Kuka päättää vesihuollon tulevaisuudesta? (Who decides on the future of the water supply?).** Vesitalous. 2014;51(1):33-34.

Katko TS. **Pääkirjoitus : Vesihuoltolaitosten historiat imagon nostajana / Editorial : Relevance of history for current water services management and governance.** Ympäristöhistoria: Finnish Journal of Environmental History. 2013;(2).

Takala A, Heinonen U, Innala T, Lundgren K, Mattila H, Vahala R et al. **Tulevaisuuden vesiosaajat.** Vesitalous. 2012;53(3):6-7.

Katko T. **Lyhyestä tiede kaunis?** Tiedepolitiikka. 2011;36(2):55-55.

Katko T. **Pääkirjoitus. Veden keskeinen merkitys yhteiskunnassa ja yhdyskunnissa.** Ympäristöhistoria: Finnish Journal of Environmental History. 2011;1(2):4-7.

Katko T. **Editorial. Central role of water in society and community.** Ympäristöhistoria: Finnish Journal of Environmental History. 2011;1(2):8-11.

Juuti PS, Katko TS, Vinnari EM. **Editorial Note: "Pasts and Futures of Water".** Environment and History. 2010;16(a):167-171. <https://doi.org/10.3197/096734010X12699419057214>

Lahti J, Tuominen M. **Turning up the heat on printability.** Packaging Professional (The Magazine of the Packaging Society) . 2010;33(5):7-7.

Lahti J, Tuominen M. **Turning up the heat on printability.** Materials World. 2010;18(10):15-15.

Katko T. **Book Review: Graham, S. (Ed.), Disrupted Cities: When Infrastructure Fails.** Public Works Management & Policy, Vol. 14, Nr 4, April 2010. 2010.

Katko TS. **Foreword Towards More Resilient Water Services.** In Juuti P, Mattila H, Rajala R, Schwartz K, Staddon C, editors, Resilient water services and systems: the foundation of well-being. IWA Publishing. 2019. p. 9-13  
<https://doi.org/10.2166/9781780409771>

Hynynen AJ, Juuti PS, Katko TS. **The Mermaid of Helsinki, Finland.** In Ari JH, Petri SJ, Tapio SK, editors, Water Fountains in the Worldscape. Kangasala: International Water History Association and Kehrämedia Inc. 2012. p. 107-111

Hynynen AJ, Juuti PS, Katko TS. **Part V: Comparative Analysis of the Omnipresent Water Fountains.** In Ari JH, Petri SJ, Tapio SK, editors, Water Fountains in the Worldscape. Kangasala: International Water History Association and Kehrämedia Inc. 2012. p. 137-212

Katko TS. **"Rocky Fountains" of Keciören, Turkey**. In Ari JH, Petri SJ, Tapio SK, editors, *Water Fountains in the Worldscape*. Kangasala: International Water History Association and KehräMedia. 2012. p. 128-131

Hynynen A, Juuti P, Katko T. **The Fountain A Harbinger of a New Era in Case Tampere**. In Hynynen AJ, Juuti PS, Katko TS, editors, *Water Fountains in the Cityscape. Essays in Public Works History*. Kansas City,MO: Public Works Historical Society. 2011. p. 63-70. (Essays in Public Works History).

Korhonen-Yrjänheikki K, Takala A, Mielityinen I. **Values and Attitudes in Engineering Education**. In Lappalainen P, editor, *It's just People with People - Views of Corporate Social Responsibility*. Aalto University Publication Series Crossover. 2011. p. 65-83

Kovalainen V, Kylliäinen M, Huhtala T. **A method for design of sound insulation of glazed balconies against traffic noise**. In *Proceedings of the INTER-NOISE 2016, 45th International Congress and Exposition on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany*. Hamburg: German Acoustical Society (DEGA). 2016. p. 3834-3841. 503

Kylliäinen M, Hongisto V, Oliva D, Rekola L. **A laboratory listening experiment on subjective and objective rating of impact sound insulation of concrete floors**. In *Proceedings of the INTER-NOISE 2016, 45th International Congress on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany*. Hamburg: German Acoustical Society (DEGA). 2016. p. 894-902. 193

Mönkäre T, Palmroth MRT, Rintala J. **Stabilization of fine fraction from landfill mining in leach bed reactor**. In *Proceedings SUM 2014, Second Symposium on Urban Mining, Bergamo, Italy, 19-21 May, 2014 : Organised by IWWG - International Waste Working Group*. CISA Publishers. 2014. p. 1-11

Mönkäre T, Palmroth M, Rintala J. **Characterization of fine fraction from landfill mining for evaluating methane potential**. In *Fifth International Symposium on Energy from Biomass and Waste, Venice 2014 Proceedings, Island of San Servolo, Venice, Italy, 17-20 November 2014*. Italy: CISA Publisher. 2014

Välisalo T, Heino O, Luomanen T. **Metering the quality of water supply and sewage network maintenance services**. In *2012 IFME World Congress on Municipal Engineering. Sustainable Communities, June 4-10, Helsinki, Finland*. International Federation of Municipal Engineering IFME. 2012. p. 1-9. (International Federation of Municipal Engineering World Congress).

Takala AJ. **Career paths of experts on water supply and sanitation services**. In *YWPC2012, 6th IWA International Conference for Young Water Professionals, (IWA YWPC 2012), 10-13 July 2012, Budapest, Hungary*. Conference Proceedings. IWA, International Water Association; Hungarian Water Utility Association. 2012. p. 1-6. IWA-9929. (International YWP Conference).

Tolvanen H, Kokko L, Raiko R. **The factors controlling combustion and gasification kinetics of solid fuels**. In *Swedish-Finnish Flame Days, "Challenges in Combustion Technology today", January 26-27, 2011, Sweden*. Piteå: IFRF and the Scandinavian-Nordic Section of the Combustion Institute. 2011. p. 1-14. (Swedish-Finnish Flame Days).

Heino OA, Takala AJ. **Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services**. In Lakkala H, Vehmas J, editors, *Trends and Future of Sustainable Development, Proceedings of the Conference "Trends and Future of Sustainable Development", 9 - 10 June 2011, Tampere, Finland*. Finland Futures Research Centre, University of Turku. 2011. p. 410-422. 15. (FFRC eBOOK).

Takala A, Korhonen-Yrjänheikki K. **Finnish engineering education for the benefit of people and environment**. In *International Conference Engineering Education in Sustainable Development, EESD'10, 19-22 September 2010, Gothenburg, Sweden*. 2010. p. 1-10

Tiitinen K, Ylitälo M, Oksanen A. **Unsteady computational methods to study jet behaviour in large fluidized bed boiler**. In *AFRC 2010 Pacific Rim Combustion Symposium, September 26-29, 2010 Sheraton Maui, Hawaii*. 2010. p. 1-22

Rodriguez AM, Raiko R. **Experimental study of oxy-fuel combustion in a drop tube reactor**. In AFRC 2010 Pacific Rim Combustion Symposium, September 26-29, 2010 Sheraton Maui, Hawaii. 2010. p. 1-11

Poudyal A, Mustonen S, Paatero J. **Rural household electricity load profiles with a load simulation tool**. In International Conference on Applied Energy (ICAE 2010), Energy Solutions for a Sustainable World, 21-23 April 2010, Singapore. 2010. p. 1358-1366

Nättinen K, Nikkola J, Mannila J, Vartiainen J, Tuominen M, Lavonen J. **Hybrid barrier films by atmospheric inline plasma deposition on sol-gel coated PE-cardboard**. In Coatings for Plastics at NPE 2009, June 23-24, 2009, McCormick Place, Chicago, IL. 2009. p. 8 p

Vehmas J, Luukkanen J, Mustonen S, Kaivo-oja J, Snäkin J-P, Jusi S. **Changing energy production structures and CO2 emissions in the ASEAN countries: Decomposition analysis of drivers behind the changes**. In International Conference on Energy Security and Climate Change: Issues, Strategies, and Options (ESCC 2008). 6-8 August 2008, Bangkok, Thailand. 2008. p. 5 p

Mustonen S. **Rural electrification of remote areas - Case studies of two renewable energy projects in Laos and The Philippines**. In International Conference on Environment 2008 (ICENV 2008), 15-17 December, 2008, Penang, Malaysia. 2008. p. 8 p

Mustonen S, Nanthavong K. **Modeling of autonomous power systems - A mathematical model of a hybrid power system**. In Proceedings of the 2nd Joint International Conference on "Sustainable Energy and Environment (SEE 2006)" 21-23 November, 2006, Bangkok, Thailand. 2006. p. 6 p

Leppänen M, Kaartokallio A, Loukola E. **Full scale landfill bottom liner test structures at Ämmässuo landfill, Espoo, Finland**. In Christensen TH, Cossu R, Stegmann R, editors, Sardinia 99, Seventh International Waste Management and Landfill Symposium, 4-8 October, S. Margherita di Pula, Cagliari, Sardinia, Italy. Proceedings, Vol. I-V. . Vol. III. 1999. p. 173-180

Katko TS. **Finnish water services: Experiences in global perspective**. London: IWA Publishing, 2017. 288 p.

Juuti P. **Historian hajuista tuoksujen tulevaisuuteen: pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta**. Tampere University Press, 2017. 280 p. [https://doi.org/10.26530/OAPEN\\_628607](https://doi.org/10.26530/OAPEN_628607)

Katko TS. **Finnish water services: Experiences in global perspective**. Helsinki: Finnish Water Utilities Association, 2016. 288 p.

Katko TS. **Hanaa! Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys**. Helsinki: Suomen Vesilaitosyhdistys ry, 2013. 501 p.

Juuti P, Rajala RP, Pietilä PE, Katko TS. **Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia**. Riihimäen Vesi, 2010. 336 p.

Juuti PS, Katko TS, Louekari SM, Rajala RP. **Näkymätönt Porrii. Porin veden historia**. Pori: Porin Vesi, 2010.

Juuti P, Rajala R, Katko T. **Metropoli ja meri. 100 vuotta jätevedenpuhdistusta Helsingissä**. Helsinki: HSY Helsingin seudun ympäristöpalvelut, 2010. 158 p. (HSY:n julkaisuja).

Katko TS. **Yhteistä vettä: Tuusulan seudun vesilaitos kuntayhtymä 1967-2007**. Tuusulan seudun vesilaitos kuntayhtymä, 2007. 185 p.

- Juuti P, (ed.), Mattila H, (ed.), Rajala R, (ed.), Schwartz K, (ed.), Staddon C, (ed.). **Resilient Water Services and Systems: The Foundation of Well-Being**. IWA Publishing, 2019.
- Juuti PS, (ed.), Katko TS, (ed.), Schwartz K, (ed.). **Prologue**. IWA Publishing, 2013. 3 p.
- Juuti PS, (ed.), Katko TS, (ed.), Schwartz K, (ed.). **Epilogue**. IWA Publishing, 2013. 5 p.
- Pynnönen S, (ed.), Tuhkanen T, (ed.). **FSES 2013, Finnish Conference of Environmental Sciences, 2-3 May 2013, Tampere, Finland. Proceedings**. Tampere: Tampere University of Technology, 2013. 156 p.
- Hynynen AJ, (ed.), Juuti PS, (ed.), Katko TS, (ed.). **Water Fountains in the Worldscape**. Kangasala: International Water History Association and Kehrämedia Inc., 2012.
- Hynynen AJ, (ed.), Juuti PS, (ed.), Katko TS, (ed.). **Water Fountains in the Cityscape**. Kansas City,MO: Public Works Historical Society, 2011. (Essays in Public Works History).
- Juuti PS, (ed.), Katko TS, (ed.), Mäki HR, (ed.), Nyanchaga EN, (ed.), Rautanen S-L, (ed.), Vuorinen HS, (ed.). **Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland**. Unknown Publisher, 2007.
- Juuti PS, (ed.), Katko TS, (ed.), Vuorinen HS, (ed.). **Environmental history of water : global views on community water supply and sanitation**. London: IWA Publishing, 2007.
- Hautamäki I, (ed.), Juuti P, (ed.), Katko T, (ed.), Rajala R, (ed.), Vinnari E, (ed.). **5th IWHA Conference. Tampere Finland 2007. Pasts and Futures of Water. University of Tampere 13-17 June 2007**. Unknown Publisher, 2007.
- Juuti PS, (ed.), Katko TS, (ed.). **Water, Time and European Cities : History matters for the Futures**. Tampere: Tampere University Press, 2005.
- Hukka J, Katko TS, Pietilä P. **Koulutus ja tutkimus kehityksen moottorina**. Econetin asiakaslehti AQ. 2019 Dec;(3):13.
- Inha L, Juuti P, Katko TS, Rajala R, Pietilä P. **Vetoa vesihuoltopalveluihin täydennyskoulutuksen kautta**. Kuntatekniikka. 2019 Oct 25;73(5):6-7.
- Katko TS. **Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä**. Vesitalous. 2019 Aug;60(4):24-25.
- Inha L, Katko TS, Rajala R. **Vesihuollon instituutiot vaativat taitavaa jalkapallopeleä**. Rakennustekniikka. 2019 Jun;75(3):38-40.
- Katko TS, Inha L, Rajala R. **Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia**. Ympäristökasvatus. 2019 May;(2).
- Katko TS. **WC-tilat ja -opasteet vain likana silmissämme?** Kuntatekniikka. 2018;72(4):45.
- Juuti P, Rajala R. **Vesihuoltopalvelujen tutkimus-, kehittämis- ja innovaatioklusterin (VEPATUKI) ensimmäinen vuosi keskittyy saneeraustarpeeseen**. Vesitalous. 2018;(5):21-23.
- Juuti P, Rajala R. **Kapkaupungin pysyvä vesikriisi – ratkeako vesipula, jos lisää vettä pumpataan vuotavaan verkostoon**. Vesitalous. 2018;(5):39-42.

Liimatainen H. **Yli 60 tonnin yhdistelmät parantaneet kuljetusten tehokkuutta**. Tie ja Liikenne. 2017 Sep 4;2017(4):30-32.

Katko TS. **Vesihuollon globaalit haasteet ja instituutioiden roolit**. Econetin asiakaslehti AQ. 2017 May 9;(1):15.

Katko TS. **Global challenges and role of institutions in water services**. Econetin asiakaslehti AQ. 2017 May 9;(1):15.

Katko TS. **Toimiva vesihuolto ei ole itsestäänselvyys**. Promaint. 2017 Apr;29(2):17.

Katko TS, Hukka JJ. **Vesihuollon strateginen kehittäminen haltuun: Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi**. Kuntatekniikka. 2016;70(2):12-13.

Heino O. **Vesiosuuskunnat - minä ne tulisi nähdä?** Osuustoiminta. 2015;106(2):51-51.

Ojala P, Saarenrinne P, Miettinen J, Multanen P, Kiilunen J, Hietala J-P et al. **Simulointi nopeuttaa käyttöiän määrittystä**. Promaint. 2015;2:24-27.

Katko TS, Lukka A, Rajala R. **Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle**. Vesitalous. 2015;(2):45-47.

Heino O, Anttiroiko A-V. **Osuuskunnat mukaan infrastruktuuripolitiikkaan**. Osuustoiminta. 2014;105(5):54-54.

Leppänen M. **Geo + Ympäristö = Ympäristögeotekniikka?** Geofoor. 2013 Mar;(39):6-7.

Heino O. **Johtoja ja joukkuehenkeä**. Vesitalous. 2013;(3):11-13.

Katko TS. **Vesihuollon kehitys ja yhteiskunnallinen merkitys : Hapertuvatko hanat?** Kuntatekniikka. 2013;(5):14-16.

Heino O, Takala A. **Heikot signaalit vesihuollossa**. Vesitalous. 2013;(4):29-31.

Heino O, Anttiroiko A-V. **Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?** Kuntatekniikka. 2013;(1):40-42.

Katko TS. **Dags att syna utmaningarna inom vattenförsörjningen**. Finlands Kommuntidning. 2013;19(8):30-31.

Katko TS. **Vesihuolto osana näkymätöntä kaupunkia**. RY Rakennettu ympäristö. 2013;50(5):18-21.

Jaatinen TTO, Katko TS, Pynnönen ST, Vihanta JS. **Focus and Change of Water Management in Finland – Analysis of Vesitalous Journal, 1960-2009**. Ympäristöhistoria: Finnish Journal of Environmental History. 2012 Sep 14;(3):10-32.

Korpinen L. **Testattua tahdistusta**. Sähkö & Tele. 2012;85(3):24-26.

Heino O. **Ulkoistaminen apuväline vesihuoltoverkostojen kunnossapitoon?** Promaint. 2012;26(5):10-12.

Katko TS. **Vesihuollon historian lyhyt oppimäärä**. Econetin asiakaslehti AQ. 2012;(3):22-22.

Leponiemi U, Heino O. **KUPERA-kaupunkien teknisen sektorin johto kaipaa toimintakulttuuriin muutosta : Haasteista innovatiivisiin mahdollisuuksiin**. Kuntatekniikka. 2011;(7):51-52.

Hukka JJ, Katko TS, Pietilä PP. **Lack of water engineers hampering development. North-South cooperation in higher education is a must.** Rakennustekniikka. 2011;66(2):58-61.

Juuti P, Katko T, Rajala R. **Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910.** Kuntatekniikka. 2011;66(1):49-50.

Hukka JJ, Katko TS, Pietilä PP. **Syytä olla ylpeä.** Kehitys. 2011;(2):40-40.

Kurki V. **Vesihuollon ylikunnalliset sopimukset lisääntymässä.** Kuntatekniikka. 2010;(2):18-18.

Kuusipalo J, Lahti J. **TTY:ssä panostetaan pakkausalaan.** Pakkaus. 2010;(5):35-35.

Katko TS. **Yhdysvaltain vesihuollossa julkissektori avainasemassa. Haasteina niukentuvien vesivarojen hallinta ja ikääntyvä infrastruktuuri.** Kuntatekniikka. 2010;(8):44-47.

Katko T. **Missä, missä se kaivo on?** Vesimittari, HS-Veden asiakaslehti. 2009;(1):s. 8.

Juuti PS, Katko TS. **Hätä ei häviä käymälöitä poistamalla.** www.huussi.net. 2005;7 s.

Katko TS, Hukka JJ. **Tempoilevasta tiede- ja koulutuspolitiikasta kohti laajempaa näkemystä.** In Juuti P, Uusi-Rasi K, editors, Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä . Tampere: Tampereen dosenttiyhdistys. 2017. p. 32-39. (Tampereen dosenttiyhdistyksen julkaisuja).

Juuti P. **Ympäristö- ja vesihistorian tutkimuksesta 2000-luvulla Suomessa.** In Juuti P, Uusi-Rasi K, editors, Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä. Vol. 3. Tampereen dosenttiyhdistys. 2017. p. 44-48

Leppänen M, Välisalo T, (ed.), Laasonen J. **Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta.** In Kaivosten stressitesti 2013. Ympäristöministeriö. 2014. (Ympäristöministeriön raportteja).

Leppänen P, Malaska M. **Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen.** In Pelastustieto: Palotutkimuksen päivät 2017, erikoisnumero. Palo- ja pelastustieto ry. 2017. p. 15-20. (Pelastustieto).

Kerokoski O, Rantala T, Nurmikolu A. **Deterioration mechanisms and life cycle of concrete monoblock railway sleepers in Finnish conditions.** In WCRR 2016 Proceedings: 11th World congress on railway research, 29.5-2.6.2016, Milano. 2016

Behailu BM. **Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia.** In Dry Toilet 2015: 5th International Dry Toilet Conference. 2015

Takala A, Korhonen-Yrjänheikki K. **Are Finns walking the talk?: Examining the national collaboration process on engineering education for sustainable development five years later.** In Conference on Engineering Education for Sustainable Development (7th : 2015 : Vancouver, B.C.). 2015 <https://doi.org/10.14288/1.0064702>

D'Ignazio M. **Test in scala reale su argille sensibili: l'esperienza finlandese.** In 5 IAGIG, Incontro Annuale dei Giovani Ingegneri Geotecnici. Rome. 2015

Siljander S, Kiviniemi M, Sarlin E, Lindgren M, Suihkonen R, Vuorinen J. **Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature.** In Proceedings of the 20th International Conference on Composite Materials. 2015



Maanoja S, Rintala J. **Factors affecting the elimination capacity of a passive methane biofilter.** In BioTechniques Ghent 2015 The 6th international conference on biotechniques for air pollution control: Conference Proceedings. 2015. p. 83-88

Grigonyte J, Sippula O, Tissari J, Laitinen A, Keskinen J, Kortelainen M et al. **A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion.** In European Aerosol Conference 2015: EAC 2015, Milan, Italy. 2015. 2COA\_P021

Tuhkanen T. **L'oxydation chimique pour la remediation des sols contamines par des composes recalcitrants. Cas de la chlordecone.** In Remediation a la pollution par la chlordecone aux Antilles, No 9-10, Avril 2011. Le Lamentin. 2011. p. 8-11. (Les Cahiers du PRAM).

Auvinen K, Maanavilja L, Seppälä J, Sankelo P, Mäkinen J, Sarkkola S et al. **Merkittävimmät päästövähennystoimet ilmastomuutoksen hillitsemiseksi.** Suomen ympäristökeskus (SYKE), 2020. 4 p.

Seppälä J, Munther J, Viri R, Liimatainen H, Weaver S, Ollikainen M. **Autolaskurin käyttöopas ja laskennan perusteet.** 2019 ed. Suomen ilmastopaneeli, 2019.

Seppälä J, Munther J, Viri R, Liimatainen H, Weaver S, Ollikainen M. **Sähköautoilla suuri vähennys päästöihin - pian myös kilpailukykyiseen hintaan.** Suomen ilmastopaneeli, 2019.

Mäkinen J, Mela H. **Joukkoliikenteellä on tärkeä rooli liikenteen päästöjen vähentämisessä.** Helsinki: Suomen ympäristökeskus (SYKE), 2019. 4 p.

Judl J, Mäkinen J. **Vaihtoehtoisten käyttövoimien hyödyntäminen kaupunkiliikenteen linja-autoissa.** Suomen ympäristökeskus (SYKE), 2019. 4 p.

Judl J, Mäkinen J. **Utilising alternative fuels and technologies in city buses.** Suomen ympäristökeskus (SYKE), 2019. 4 p.

Liimatainen H, Utriainen R, Viri R. **Sähköautoilun edistäminen vaatii latausmahdollisuuksien kehittämistä.** Suomen ilmastopaneeli, 2018. 7 p.

Huuhka S, Koliö A, Annala P, Poti A. **Puurakenteiden uudelleenkäyttömahdollisuudet.** Tampere: Tampere University of Technology, 2018. 63 p. (Muuttuva rakennettu ympäristö; 4). (Rakennetekniikka. Tutkimusraportti.; 165).

Pinchasik D, Hovi IB, Vierth I, Mellin A, Liimatainen H, Kristensen N. **Reducing CO2 emissions from freight: Recent developments in freight transport in the Nordic countries and instruments for CO2 reductions.** NORDIC COUNCIL OF MINISTERS, 2018. 129 p. (Temanord). <https://doi.org/10.6027/TN2018-554>

Liimatainen H, Viri R. **Liikenteen päästötavoitteiden saavuttaminen 2030 - politiikkatoimenpiteiden tarkastelu.** Suomen ilmastopaneeli, 2017.

Mattinen M, Heljo J, Savolahti M. **Rakennusten energiankulutuksen perusskenaario Suomessa 2015-2050.** Helsinki: Suomen ympäristökeskus, 2016. 66 p. (Suomen ympäristökeskuksen raportteja; 35/2016).

Mönkäre T, Kinnunen V, Tampio E, Ervasti S, Lehtonen E, Kettunen R et al. **Ravinnevisio: Selvitys Pirkanmaan puhdistamolietteiden ja biojätteiden ravinteista ja niiden potentiaalisesta käytöstä.** Pirkanmaan ELY-keskus, 2016. 56 p. (Raportteja; 74).