

Ferguson L, Taylor J, Davies M, Shrubsole C, Symonds P, Dimitroulopoulou C. 2020. 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*. 143. <https://doi.org/10.1016/j.envint.2020.105748>

Soinne H, Keskinen R, Heikkinen J, Hyväluoma J, Uusitalo R, Peltoniemi K, Velmala S, Pennanen T, Fritze H, Kaseva J, Hannula M, Rasa K. 2020. Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?. *Science of the Total Environment*. 731. <https://doi.org/10.1016/j.scitotenv.2020.138955>

Weijio I, Turunen T, Lahdensivu J, Sistonen E, Annala P. 2020. 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*. 172. <https://doi.org/10.1051/e3sconf/202017220007>

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

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

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

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

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

Chu B, Dada L, Liu Y, Yao L, Wang Y, Du W, Cai J, Dällenbach KR, Chen X, Simonen P, Zhou Y, Deng C, Fu Y, Yin R, Li H, He XC, Feng Z, Yan C, Kangasluoma J, Bianchi F, Jiang J, Kujansuu J, Kerminen VM, Petäjä T, He H, Kulmala M. 2020. Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China. *Science of the Total Environment*. 753. <https://doi.org/10.1016/j.scitotenv.2020.142207>

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

Frankberg EJ, Kalikka J, Ferré FG, Joly-Pottuz L, Salminen T, Hintikka J, Hokka M, Koneti S, Douillard T, Le Saint B, Kreiml P, Cordill MJ, Epicier T, Stauffer D, Vanazzi M, Roiban L, Akola J, Fonzo FD, Levänen E, Masenelli-Varlot K. 2019. Highly ductile amorphous oxide at room temperature and high strain rate. *Science*. 366(6467):864-869. <https://doi.org/10.1126/science.aav1254>

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

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

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

- Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene ER, Lens P. 2019. Transient-state operation of an anoxic biotrickling filter for H<sub>2</sub>S removal. *Journal of Hazardous Materials*. 377:42-51. <https://doi.org/10.1016/j.jhazmat.2019.05.043>
- Pääkkönen A, Aro K, Aalto P, Konttinen J, Kojo M. 2019. The potential of biomethane in replacing fossil fuels in heavy transport-a case study on Finland. *Sustainability*. 11(17). <https://doi.org/10.3390/su11174750>
- Kuusela M, Asp O, Laaksonen A. 2019. Cracking of the End Diaphragm of a Post-tensioned Beam Bridge. *Nordic Concrete Research*. 60(1):89-104. <https://doi.org/10.2478/ncr-2019-0001>
- Aalto SL, Saarenheimo J, Arvola L, Tiirola M, Huotari J, Rissanen AJ. 2019. Denitrifying microbial communities along a boreal stream with varying land-use. *Aquatic Sciences*. 81(59). <https://doi.org/10.1007/s00027-019-0654-z>
- Mangayil R, Efimova E, Konttinen J, Santala V. 2019. Co-production of 1,3 propanediol and long-chain alkyl esters from crude glycerol. *New Biotechnology*. 53:81-89. <https://doi.org/10.1016/j.nbt.2019.07.003>
- Lakaniemi A-M, Douglas GB, Kaksonen AH. 2019. Engineering and kinetic aspects of bacterial uranium reduction for the remediation of uranium contaminated environments. *Journal of Hazardous Materials*. 371:198 - 212. <https://doi.org/10.1016/j.jhazmat.2019.02.074>
- Pääkkönen A, Joronen T. 2019. Revisiting the feasibility of biomass-fueled CHP in future energy systems – Case study of the Åland Islands. *Energy Conversion and Management*. 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. 2019. Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions. *Environmental Science: Water Research & Technology*. 5(6):1072-1081. <https://doi.org/10.1039/C9EW00220K>
- Rajala RP, Juuti PS, Katko TS. 2019. Genesis of Water supply and sanitation services in Finland. *Ympäristöhistoria: Finnish Journal of Environmental History*. 8(1):18-28.
- Okonkwo O, Escudié R, Bernet N, Mangayil R, Lakaniemi A-M, Trably E. 2019. Impacts of short-term temperature fluctuations on biohydrogen production and resilience of thermophilic microbial communities. *International Journal of Hydrogen Energy*. 44(16):8028-8037. <https://doi.org/10.1016/j.ijhydene.2019.01.256>
- Mönkäre T, Palmroth MRT, Sormunen K, Rintala J. 2019. Scaling up the treatment of the fine fraction from landfill mining: Mass balance and cost structure. *Waste Management*. 87:464-471. <https://doi.org/10.1016/j.wasman.2019.02.032>
- Özkaya B, Kaksonen AH, Sahinkaya E, Puhakka JA. 2019. Fluidized bed bioreactor for multiple environmental engineering solutions. *Water Research*. 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, Karjalainen P, Kuittinen N, Timonen H. 2019. Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers. *Environmental Science and Technology*. 53(6):3315-3322. <https://doi.org/10.1021/acs.est.8b05555>
- Liimatainen H, van Vliet O, Aplyn D. 2019. The potential of electric trucks – An international commodity-level analysis. *Applied Energy*. 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, Ka I, Steinhorst M, Nechache R, Rosei F, Cloutier SG, Kirchartz T, Mathur S. 2019. Highly compact TiO<sub>2</sub> films by spray pyrolysis and application in perovskite solar cells. *Advanced Engineering Materials*. 21(4). <https://doi.org/10.1002/adem.201801196>
- Järvinen H, Honkanen M, Oja O, Järvenpää M, Peura P. 2019. Microstructure-property relationships of novel ultra-high strength press hardening steels. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*. 50(2):816-836. <https://doi.org/10.1007/s11661-018-4967-7>

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

Pastor-Poquet V, Papiro S, Trably E, Rintala J, Escudié R, Esposito G. 2019. 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*. <https://doi.org/10.1007/s13762-019-02264-z>

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

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

Takala A, Korhonen-Yrjänheikki K. 2019. A decade of Finnish engineering education for sustainable development. *INTERNATIONAL JOURNAL OF SUSTAINABILITY IN HIGHER EDUCATION*. 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. 2019. Microalgae grow on source separated human urine in Nordic climate: Outdoor pilot-scale cultivation. *Journal of Environmental Management*. 237:119 - 127. <https://doi.org/10.1016/j.jenvman.2019.02.074>

Tao R, Bair R, Lakaniemi AM, van Hullebusch ED, Rintala JA. 2019. 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*. <https://doi.org/10.1007/s10811-019-01915-5>

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

Timonen H, Karjalainen P, Aalto P, Saarikoski S, Mylläri F, Karvosenoja N, Jalava P, Asmi E, Aakko-Saksa P, Saukkonen N, Laine T, Saarnio K, Niemelä N, Enroth J, Väkevä M, Oyola P, Pagels J, Ntzachristos L, Cordero R, Kuittinen N, Niemi JV, Rönkkö T. 2019. Adaptation of Black Carbon Footprint concept would accelerate mitigation of global warming. *Environmental Science and Technology*. 53(21):12153-12155. <https://doi.org/10.1021/acs.est.9b05586>

Liimatainen H, Pöllänen M, Viri R. 2018. CO2 reduction costs and benefits in transport: socio-technical scenarios. *European Journal of Futures Research*. 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, Laaksonen T, Priimägi A. 2018. Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. *Scientific Reports*. 8. <https://doi.org/10.1038/s41598-018-32830-3>

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

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

Hiltunen A, Ruoko T-P, Iivonen T, Lahtonen K, Ali-Löytty H, Sarlin E, Valden M, Leskelä M, Tkachenko N. 2018. 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*. 2(9):2124-2130. <https://doi.org/10.1039/C8SE00252E>

- Keskikuru T, Salo J, Huttunen P, Kokotti H, Hyttinen M, Halonen R, Vinha J. 2018. Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling. *Building and Environment*. 138:1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>
- Keipi T, Tolvanen H, Konttinen J. 2018. Economic analysis of hydrogen production by methane thermal decomposition: Comparison to competing technologies. *Energy Conversion and Management*. 159:264-273. <https://doi.org/10.1016/j.enconman.2017.12.063>
- Kainulainen TP, Sirviö JA, Sethi J, Hukka TI, Heiskanen JP. 2018. UV-Blocking Synthetic Biopolymer from Biomass-Based Bifuran Diester and Ethylene Glycol. *Macromolecules*. 51(5):1822-1829. <https://doi.org/10.1021/acs.macromol.7b02457>
- Sormunen LA, Kolisoja P. 2018. Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content. *Road Materials and Pavement Design*. 19(2):252-270. <https://doi.org/10.1080/14680629.2016.1251960>
- Dahlbo H, Poliakova V, Mylläri V, Sahimaa O, Anderson R. 2018. Recycling potential of post-consumer plastic packaging waste in Finland. *Waste Management*. 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, Illikainen M, Räisänen M-L. 2018. Valorization of Finnish mining tailings for use in the ceramics industry. *BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND*. 90(1):33-54. <https://doi.org/10.17741/bgsf/90.1.002>
- Katko TS, Juuti P. 2018. Suomen vesihuollon kehitys kansainvälisessä kontekstissa. *Tekniikan Waiheita: Teknik I Tiden*. 36(2):5-24.
- Maanoja S, Rintala J. 2018. Evaluation of methods for enhancing methane oxidation via increased soil air capacity and nutrient content in simulated landfill soil cover. *Waste Management*. 82:82-92. <https://doi.org/10.1016/j.wasman.2018.10.015>
- Laasasenaho K, Lensu A, Rintala J, Lauhanen R. 2017. Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands. *Land Use Policy*. 69:167-175. <https://doi.org/10.1016/j.landusepol.2017.09.010>
- Juuti P, Katko TS, Rajala R. 2017. Sata vuotta vesihuoltoa Suomessa. *Vesitalous*. 58(6):13-15.
- Katko TS, Juuti P, Rajala R. 2017. Vesihuollon ammattilaiset ovat verkostoituneet kautta aikojen. *Vesitalous*. 58(6):16-19.
- Takala A. 2017. Understanding sustainable development in Finnish water supply and sanitation services. *International Journal of Sustainable Built Environment*. 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, Heiskanen JP. 2017. Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties. *Dyes and Pigments*. 150:79-88. <https://doi.org/10.1016/j.dyepig.2017.11.014>
- Mal J, Nancharaiah YV, Maheshwari N, van Hullebusch ED, Lens PNL. 2017. Continuous removal and recovery of tellurium in an upflow anaerobic granular sludge bed reactor. *Journal of Hazardous Materials*. 327:79-88. <https://doi.org/10.1016/j.jhazmat.2016.12.052>
- L.K. Sulonen M, Lakaniemi A-M, Kokko ME, Puhakka JA. 2017. The effect of anode potential on bioelectrochemical and electrochemical tetrathionate degradation. *Bioresource Technology*. 226:173-180. <https://doi.org/10.1016/j.biortech.2016.12.023>

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

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

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

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

Hashmi SG, Tiihonen A, Martineau D, Özkan M, Vivo P, Kaunisto K, Vainio U, Zakeeruddin SM, Grätzel M. 2017. 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*. 5(10):4797-4802. <https://doi.org/10.1039/C6TA10605F>

Särkilahti M, Kinnunen V, Kettunen R, Jokinen A, Rintala J. 2017. 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*. 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, Haverinen-Shaughnessy U. 2017. 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*. 120:85-92. <https://doi.org/10.1016/j.buildenv.2017.05.002>

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

Rissanen AJ, Ojala A, Fred T, Toivonen J, Tiirola M. 2016. 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*. 1-13. <https://doi.org/10.1007/s10295-016-1860-5>

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

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

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

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

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

- Hilliaho K, Kovalainen V, Huuhka S, Lahdensivu J. 2016. Glazed spaces: A simplified calculation method for the evaluation of energy savings and interior temperatures. *Energy and Buildings*. 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, Laine C. 2016. Hydrothermal carbonization of pulp mill streams. *Bioresource Technology*. 212:236-244. <https://doi.org/10.1016/j.biortech.2016.04.061>
- Sormunen A, Kanninen T, Salo T, Rantsi R. 2016. Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media. *Waste Management and Research*. 34(7):595-604. <https://doi.org/10.1177/0734242X16650748>
- Roszak J, Catalán J, Järventaus H, Lindberg HK, Suhonen S, Vippola M, Stepnik M, Norppa H. 2016. Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*. 805:7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>
- Vats S, Rissanen M. 2016. Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles. *Recycling*. 1(1):166-177. <https://doi.org/10.3390/recycling1010166>
- Mal J, Nancharaiyah YV, van Hullebusch ED, Lens PNL. 2016. Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge. *Bioresource Technology*. 206:1-8. <https://doi.org/10.1016/j.biortech.2016.01.064>
- Szabo HM, Lepistö R, Tuhkanen T. 2016. HPLC-SEC: a new approach to characterise complex wastewater effluents. *International Journal of Environmental Analytical Chemistry*. 96(3):257-270. <https://doi.org/10.1080/03067319.2016.1150463>
- Laasasenaho K, Lensu A, Rintala J. 2016. Planning land use for biogas energy crop production: The potential of cutaway peat production lands. *Biomass & Bioenergy*. 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. 2016. 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*. 13(1):191-200. <https://doi.org/10.1002/ppap.201500106>
- Mönkäre TJ, Palmroth MRT, Rintala JA. 2016. Characterization of fine fraction mined from two Finnish landfills. *Waste Management*. 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, Jiang H, Kallinen K, Huuhtanen M, Keiski RL, Lahtinen J, Olsson E, Vippola M. 2016. Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging. *Applied Catalysis B-Environmental*. 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, Pletschke BI, Singh A, Karp M. 2016. Revisiting cellulase production and redefining current strategies based on major challenges Article reference: RSER5103. *Renewable and Sustainable Energy Reviews*. 55:249-272. <https://doi.org/10.1016/j.rser.2015.10.132>
- Jatinen S, Lakaniemi A-M, Rintala J. 2016. Use of diluted urine for cultivation of *Chlorella vulgaris*. *Environmental Technology*. 37(9):1159-1170. <https://doi.org/10.1080/09593330.2015.1105300>
- Zou G, Papirio S, Lakaniemi A-M, Ahoranta SH, Puhakka JA. 2016. High rate autotrophic denitrification in fluidized-bed biofilm reactors. *Chemical Engineering Journal*. 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, Hübner R, Lens PNL. 2016. Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles. *Chemical Engineering Journal*. 284:917-925. <https://doi.org/10.1016/j.cej.2015.08.144>

Tolvanen H, Keipi T, Raiko R. 2016. A study on raw, torrefied, and steam-exploded wood: Fine grinding, drop-tube reactor combustion tests in  $N_2/O_2$  and  $CO_2/O_2$  atmospheres, particle geometry analysis, and numerical kinetics modeling. *Fuel*. 176:153-164. <https://doi.org/10.1016/j.fuel.2016.02.071>

Kolisoja P, Kalliainen A. 2016. Modelling of plastic culvert and road embankment interaction in 3D. *Procedia Engineering*. 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. 2016. Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets. *Environmental Science and Pollution Research*. 23(21):21619–21630. <https://doi.org/10.1007/s11356-016-7333-6>

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

Vinha J, Manelius E, Korpi M, Salminen K, Kurnitski J, Kiviste M, Laukkarinen A. 2015. Airtightness of residential buildings in Finland. *Building and Environment*. 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, Ketola T, Kuula P, Lehtinen H, Sorvari J, Pyy O, Ruskeeniemi T, Luoma S. 2015. Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland. *Earth-Science Reviews*. 150:709-723. <https://doi.org/10.1016/j.earscirev.2015.09.009>

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

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

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

Honkanen M, Kärkkäinen M, Heikkinen O, Kallinen K, Kolli T, Huuhtanen M, Lahtinen J, Keiski RL, Lepistö T, Vippola M. 2015. The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II: Characterization of Structural Changes by Transmission Electron Microscopy. *Topics in Catalysis*. 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, Lepistö T, Lahtinen J, Vippola M, Keiski RL. 2015. The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part I: Activity Measurements, Elementary and Surface Analyses. *Topics in Catalysis*. 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. 2015. Selecting an indigenous microalgal strain for lipid production in anaerobically treated piggery wastewater. *Bioresource Technology*. 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. 2015. Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration. *Chinese Journal of Catalysis*. 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, Tkachenko NV, Lemmetyinen H. 2015. Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes. *Journal of Physical Chemistry Letters*. 6(15):2859-2864. <https://doi.org/10.1021/acs.jpcclett.5b01128>

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

Tampio E, Ervasti S, Rintala J. 2015. Characteristics and agronomic usability of digestates from laboratory digesters treating food waste and autoclaved food waste. *Journal of Cleaner Production*. 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, Rajala RP, Zheng XY, Drusiani R, Angelakis AN. 2015. Short Global History of Fountains. *Water*. 7(5):2314-2348. <https://doi.org/10.3390/w7052314>

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

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

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

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

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

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

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

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

Warwick MEA, Kaunisto K, Barreca D, Carraro G, Gasparotto A, Maccato C, Bontempi E, Sada C, Ruoko T-P, Turner S, Van Tendeloo G. 2015. 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*. 7(16):8667-8676. <https://doi.org/10.1021/acsami.5b00919>

Warwick MEA, Barreca D, Bontempi E, Carraro G, Gasparotto A, Maccato C, Kaunisto K, Ruoko T-P, Lemmetyinen H, Sada C, Goenuellue Y, Mathur S. 2015. 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*. 17(19):12899-12907. <https://doi.org/10.1039/c5cp01636c>

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

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

- Sormunen LA, Rantsi R. 2015. To fractionate municipal solid waste incineration bottom ash: Key for utilisation?. *Waste Management and Research*. <https://doi.org/10.1177/0734242X15600052>
- Heino O, Anttiroiko A-V. 2015. Utility–Customer Communication: The Case of Water Utilities. *Public Works Management and Policy*. 21(3):220-230. <https://doi.org/10.1177/1087724X15606738>
- Barreca D, Carraro G, Gasparotto A, Maccato C, Warwick MEA, Kaunisto K, Sada C, Turner S, Gönüllü Y, Ruoko T-P, Borgese L, Bontempi E, Van Tendeloo G, Lemmetyinen H, Mathur S. 2015. Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation. *Advanced Materials Interfaces*. 2(17). <https://doi.org/10.1002/admi.201500313>
- Tuovinen OH, Särkijärvi S, Peuraniemi E, Junnikkala S, Puhakka JA, Kaksonen AH. 2015. Acid Leaching of Cu and Zn from a Smelter Slag with a Bacterial Consortium. *Advanced Materials Research*. 1130:660-663. <https://doi.org/10.4028/www.scientific.net/AMR.1130.660>
- Kurki V, Katko TS. 2015. Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a Finnish water supply project. *Water Alternatives*. 8(3):337-351.
- Heino O. 2015. Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina: Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen. *Tiedepolitiikka*. 40(3):39-46.
- Hukka JJ, Katko TS. 2015. Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure. *Procedia Economics and Finance*. 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. 2015. Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus. *Ympäristöhistoria: Finnish Journal of Environmental History*. 5(1):4-5.
- Kurki V, Sidaraviciute R, Sörensen J, Kibocha SN, Retike I, Ikobe G, Tichonovas M, Elijosiute E, Rajala R. 2015. Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students . *Ympäristöhistoria: Finnish Journal of Environmental History*. (1/2015):45-51.
- Leppänen A, Tran H, Taipale R, Välimäki E, Oksanen A. 2014. Numerical modeling of fine particle and deposit formation in a recovery boiler. *Fuel*. 129:45-53. <https://doi.org/10.1016/j.fuel.2014.03.046>
- Raghuwanshi S, Deswal D, Karp M, Kuhad RC. 2014. Bioprocessing of enhanced cellulase production from a mutant of *Trichoderma asperellum* RCK2011 and its application in hydrolysis of cellulose. *Fuel*. 124:183-189. <https://doi.org/10.1016/j.fuel.2014.01.107>
- Ciranna A, Ferrari R, Santala V, Karp M. 2014. 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*. 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. 2014. Assessment of metabolic flux distribution in the thermophilic hydrogen producer *Caloramator celer* as affected by external pH and hydrogen partial pressure. *Microbial Cell Factories*. 13(1). <https://doi.org/10.1186/1475-2859-13-48>
- Santala S, Efimova E, Koskinen P, Karp MT, Santala V. 2014. Rewiring the wax ester production pathway of acinetobacter baylyi ADP1. *ACS Synthetic Biology*. 3(3):145-151. <https://doi.org/10.1021/sb4000788>
- Tolvanen H, Raiko R. 2014. 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*. 124:190-201. <https://doi.org/10.1016/j.fuel.2014.01.103>

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

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

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

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

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

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

Tampio E, Ervasti S, Paavola T, Heaven S, Banks C, Rintala J. 2014. Anaerobic digestion of autoclaved and untreated food waste. *Waste Management*. 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, Averin M, Kuuste H, Laizans K, Allik V, Rauhala T, Seppänen H, Kiprich S, Ukkonen J, Haeggström E, Kalvas T, Tarvainen O, Kauppinen J, Nuottajärvi A, Koivisto H. 2014. E-sail test payload of the ESTCube-1 nanosatellite. *Proceedings of the Estonian Academy of Sciences*. 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, Joutsjoki V. 2014. Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters. *Anaerobe*. 29:3-9. <https://doi.org/10.1016/j.anaerobe.2014.04.011>

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

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

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

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

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

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

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

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

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

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

Heino O, Takala A. 2013. Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään. *Kunnallistieteellinen Aikakauskirja*. 41(3):226-245.

Anttiroiko A-V, Heino O. 2013. Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka. *Yhdyskuntasuunnittelu*. 51(3):30-43.

Kurki V, Lipponen A, Katko T. 2013. Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons. *Water International*. 38(6):774-789. <https://doi.org/10.1080/02508060.2013.843374>

Korpunen H, Raiko R. 2013. Testing activity-based costing to large-scale combined heat and power plant using bioenergy. *International Journal of Energy Research*. 1-11. <https://doi.org/10.1002/er.3047>

Rinta-Kanto JM, Sun S, Sharma S, Kiene RP, Moran MA. 2012. Bacterial community transcription patterns during a marine phytoplankton bloom. *Environmental Microbiology*. 14(1):228-239. <https://doi.org/10.1111/j.1462-2920.2011.02602.x>

Korpinen L, Kuisti H, Elovaara J, Virtanen V. 2012. Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines. *PACE: Pacing and Clinical Electrophysiology*. 35(4):422-430. <https://doi.org/10.1111/j.1540-8159.2011.03327.x>

Korpinen L, Kuisti HA, Tarao H, Elovaara JA. 2012. Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks. *Bioelectromagnetics*. 33(5):438-442. <https://doi.org/10.1002/bem.21711>

Rodriguez Avila M, Honkanen M, Raiko R, Oksanen A. 2012. 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*. 1-22.

Heino O, Takala A, Vihanta J. 2012. Water - The Most Important Subject of the World. *Ympäristöhistoria: Finnish Journal of Environmental History*. (1):44-58.

Lakaniemi A-M, Tuovinen OH, Puhakka JA. 2012. Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells. *BioEnergy Research*. 5(2):481-491. <https://doi.org/10.1007/s12155-012-9186-2>

Cajal-Marinoso P, de la Calle R, Rivas FJ, Tuhkanen T. 2012. Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil. *Journal of Advanced Oxidation Technologies*. 15(2):429-436.

Anttiroiko A-V, Heino O. 2012. Insenttiivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus. *Työelämän tutkimus*. 10(3):298-305.

Leppänen A, Välimäki E, Oksanen A. 2012. Modeling fine particles and alkali metal compound behavior in a kraft recovery boiler. *TAPPI Journal*. 11(7):9-14.

Korpinen L, Pääkkönen R. 2012. Accidents and close call situations connected to the use of mobile phones. *Accident Analysis and Prevention*. 45:75-82. <https://doi.org/10.1016/j.aap.2011.11.016>

Korpinen L, Pääkkönen R, Gobba F. 2012. White-Collar Workers' Self-Reported Physical Symptoms Associated With Using Computers. *International Journal of Occupational Safety and Ergonomics*. 18(2):137-147.

Tarao H, Kuisti H, Korpinen L, Hayashi N, Isaka K. 2012. 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*. 57(10). <https://doi.org/10.1088/0031-9155/57/10/2981>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Pääkkönen A, Peltola A, Pitkänen A, Mäkiranta R, Saario A, Oksanen A. 2010. Developing and testing characterization methods for droplet combustion - Part I. *Archivum Combustionis*. 30(4):1-6.
- Haapala A, Honkanen M, Liimatainen H, Stoor T, Niinimäki J. 2010. Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions. *Chemical Engineering Journal*. 162:956-964. <https://doi.org/10.2495/MPF090291>
- Vesapuisto M, Vekara T, Korpinen L, Koskiranta M, Lehtelä R. 2010. The students' feedback on WWW-course "Electricity, Electronics and Environment". *Elektronika ir Elektrotehnika*. 102(6):99-102.
- Mustonen SM. 2010. Rural energy survey and scenario analysis of village energy consumption: A case study in Lao People's Democratic Republic. *Energy Policy*. 38(2):1040-1048. <https://doi.org/10.1016/j.enpol.2009.10.056>
- Korpinen L, Pääkkönen R. 2009. Mental symptoms and the use of new technical equipment. *International Journal of Occupational Safety and Ergonomics*. 15(4):385-400.
- Pärssinen T, Eloranta H, Saarenrinne P. 2009. Effect of geometrical parameters on vortex-induced vibration of a splitter plate. *Journal of Fluids Engineering: Transactions of the ASME*. 131(3, 031203):1-9. <https://doi.org/10.1115/1.2844584>
- Takala A, Hukka JJ, Katko TS, Pietilä PE. 2008. Vesi-yhtymien toiminnan kehittäminen. *Vesitalous*. (3):14-18.
- Lakaniemi A-M, Nevatalo LM, Kaksonen AH, Puhakka JA. 2007. Hydrolysed cellulose material as sulfate reduction electron donor to treat metal- and sulfate containing waste water. *Advanced Materials Research*. 20-21:326-326. <https://doi.org/10.4028/www.scientific.net/AMR.20-21.326>
- Rinta-Kanto JM, Wilhelm SW. 2006. Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie. *Applied and Environmental Microbiology*. 72(7):5083-5085. <https://doi.org/10.1128/AEM.00312-06>
- Lappalainen JO, Karp MT, Juvonen R, Virta MPJ, Nurmi J. 2000. Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and *Vibrio fischeri* toxicity test. *Environmental Toxicology*. 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. 2000. Detecting bioavailable toxic metals and metalloids from natural water samples using luminescent sensor bacteria. *Water Research*. 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. 1999. Water supply and sanitation as an entry point to human development: Vision21- Knowledge synthesis. *Vision21- Knowledge synthesis*.
- Korpela MT, Kurittu JS, Karvinen JT, Karp MT. 1998. A recombinant *Escherichia coli* sensor strain for the detection of tetracyclines. *Analytical Chemistry*. 70(21):4457-4462. <https://doi.org/10.1021/ac980740e>
- Katko TS. 1994. The need for "champions" in rural water supply. *Waterlines*. 12(3): 19-22.
- Wang Q, Phung N, Di Girolamo D, Vivo P, Abate A. 2019. Enhancement in Lifespan of Halide Perovskite Solar Cells. *Energy & Environmental Science*. 12(3):865-886. <https://doi.org/10.1039/C8EE02852D>
- Kinnunen P, Ismailov A, Solismaa S, Sreenivasan H, Räisänen M-L, Levänen E, Illikainen M. 2018. Recycling mine tailings in chemically bonded ceramics - A review. *Journal of Cleaner Production*. 174:634-649. <https://doi.org/10.1016/j.jclepro.2017.10.280>
- Rajala R, Hukka J. 2018. Asset Life Cycle Management in Finnish Water Utilities. *JOURNAL OF WATER RESOURCE AND PROTECTION*. 10(6):587-595. <https://doi.org/10.4236/jwarp.2018.106033>

Gogoi M, Layek R, Vuorinen J, Mahato M. 2017. Conversion of Solid Waste into Functional Carbon Materials: A Review. *Energy and Environment Focus*. 6(1):52-68. <https://doi.org/10.1166/eef.2017.1237>

Juuti P, Rajala R. 2017. Sata vuotta Suomen suurimmasta lavantautiepidemiasta. *Vesitalous*. 2017(1):12-14.

Juuti P, Rajala R. 2017. Valkea kaupunki, mustat vedet. *Vesitalous*. 2017(1):15-17.

Katko TS, Pietilä P. 2017. Vesihuolto kaupungistuvissa yhteiskunnissa. *Alue ja Ympäristö*. 46(1):32-39.

Nancharaiah YV, Venkata Mohan S, Lens PNL. 2016. Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems. *Bioresource Technology*. 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, Singh S, Arya D, Annie Modestra J, Vamsi Krishna K, Verma A, Ozkaya B, Lakaniemi A-M, Puhakka JA, Venkata Mohan S. 2016. Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling. *Renewable and Sustainable Energy Reviews*. 53:462-476. <https://doi.org/10.1016/j.rser.2015.08.058>

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

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

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

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

Liimatainen H. 2020. Measures for Energy Efficient and Low Emission Private Mobility. In *Affordable and Clean Energy. Encyclopedia of the UN Sustainable Development Goals.. Springer. (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. 2019. 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. pp. 15-30. [https://doi.org/10.2166/9781780409771\\_0015](https://doi.org/10.2166/9781780409771_0015)

Rajala R, Juuti P, Nealer E. 2019. 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. pp. 149-162.

Juuti P, Mattila H, Rajala R, Schwartz K, Staddon. 2019. 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. pp. 227-236.

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

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

Leppänen M, Sarkkila J, Hämäläinen H, Rinkinen J. 2018. Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner. Raasakka V, Lahtinen P, editors. In *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. pp. 168-175.

Juuti P, Rajala R. 2018. 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. WATERLAT-GOBACIT Research Network. pp. 23-32. (WATERLAT GOBACIT; 4). <https://doi.org/10.5072/zenodo.316861>

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

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

Asikainen E, Hellman S, Parjanen L, Puputti M, Raatikainen S, Schroderus M. 2016. Unipoli Green - Four Universities Working Together for Sustainability. Leal Filho W, Mifsud M, Shiel C, Pretorius R, editors. In Handbook of Theory and Practice of Sustainable Development in Higher Education: Volume 3. Springer International Publishing. pp. 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. 2015. Water services heritage and institutional diversity. Willems W, van Schaik H, editors. In Water and Heritage: material, conceptual and spiritual connections. Sidestone Press.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Szabo HM, Tuhkanen T. 2011. Identification of Wastewater Leaching into the Wells by HPLC-SEC Using UV and Fluorescence Detection. Huseyin G, Umut T, James WL, editors. In *Survival and Sustainability : Environmental concerns in the 21st Century*. Springer Berlin Heidelberg. pp. 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. 2011. Ja alussa oli vesi. Juuti P, Rajala R, editors. In *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. pp. 15-18.

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

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

Juuti P, Rajala R. 2011. Laajentumisen aika. Juuti P, Rajala R, editors. In *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. pp. 75-118.

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

Juuti P, Rajala R. 2011. Uuden vuosituhannen tiennäyttäjät – HS-Veden alkutaival. Juuti P, Rajala R, editors. In *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. pp. 177-222.

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

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

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

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

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

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

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

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

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

- Juuti P, Rajala R. 2010. Tavoitteena puhdas asuin ympäristö. Juuti P, Rajala R, Katko T, editors. In *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. pp. 114-134.
- Juuti P, Rajala R. 2010. Kohti puhtaampaa Itämeriä. Juuti P, Rajala R, Katko T, editors. In *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. pp. 135-142.
- Juuti P, Pietilä P, Rajala R. 2010. Johdanto: vesirikas Riihimäki. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 26-33.
- Rajala R. 2010. Pohjavesi, meidän vesi. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 110-147.
- Juuti P, Rajala R. 2010. Vesilinna, Riihimäen maamerkki. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 148-183.
- Rajala R. 2010. Verkoston varrella. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 184-229.
- Juuti P, Rajala R. 2010. Vesihuollon haasteet ennen ja nyt. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 278-299.
- Juuti P, Rajala R, Pietilä P. 2010. Hyvien yhteyksien ja hyvän veden kaupunki. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 314-333.
- Juuti P. 2010. Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 34-63.
- Juuti P. 2010. "Poika, nyt lähdettiin hommiin" - vesilaitos syntyy. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 64-109.
- Juuti P. 2010. Vesihuollon historia pätkinäkuoreissa. Juuti P, Rajala R, Pietilä P, Katko T, editors. In *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. pp. 300-313.
- Rajala R. 2010. Asiakkaat, verkostot ja henkilöstö. Juuti P, Katko T, Louekari S, Rajala R, editors. In *Näkymätöntä Porin Veden historia*. TamPub. pp. 370-491.
- Juuti P, Rajala R. 2009. Vesihuoltoa espoossa ennen kunnallista vesilaitosta. Juuti P, Rajala R, editors. In *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. pp. 5-26.
- Juuti P, Rajala R. 2009. Päijänne-tunneli ja kolmisopimus. Juuti P, Rajala R, editors. In *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. pp. 27-38.
- Juuti P, Rajala R. 2009. Ensimmäiset fuusiosuunnitelmat. Juuti P, Rajala R, editors. In *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. pp. 39-76.
- Juuti P, Rajala R. 2009. Yhdistymishankkeet 2000-luvulla. Juuti P, Rajala R, editors. In *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. pp. 77-130.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Juuti PS, Katko TS, Vuorinen HS. 2007. Epilogue: Local Solutions Based on Local Conditions. Juuti P.S. KTS, Vuorinen HS, editors. In 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. pp. 593-598.
- Juuti PS, Katko TS. 2007. Birth and expansion of public water supply and sanitation in Finland until World War II. Juuti PS, Katko TS, Vuorinen HS, editors. In Environmental History of Water - Global views on community water supply and sanitation. pp. 117-130.
- Juuti PS, Katko TS, Hukka JJ. 2007. Privatisation of water services in historical context, Mid-1800s to 2004. Juuti PS, Katko TS, Vuorinen HS, editors. In Environmental History of Water - Global views on community water supply and sanitation. pp. 235-257.
- Juuti PS, Katko TS, Vuorinen HS. 2007. Conclusions. Juuti P.S. KTS, Vuorinen HS, editors. In 2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing. pp. 93-96.
- Juuti PS, Katko TS. 2005. Historical development of water and sanitation services. Juuti PS, Katko TS, editors. In Water, Time and European Cities. History matters for the Futures. Tampere: Tampere University Press. pp. 25-38.
- Juuti PS, Katko TS. 2005. Comparative analysis and discussion. Juuti PS, Katko TS, editors. In Water, Time and European Cities. History matters for the Futures. Tampere: Tampere University Press. pp. 219-240.
- Juuti PS, Katko TS. 2005. Long-term strategic decisions in 13 countries and 29 cities. Juuti PS, Katko TS, editors. In Water, Time and European Cities. History matters for the Futures. Tampere: Tampere University Press. pp. 50-72.
- Kontinen J, Kramb J, DeMartini N, Gomez-Barea A. 2017. The role of inorganics in modelling of biomass gasification. Ek L, Ernrooth H, Scarlat N, Grassi A, Helm P, editors. In EUBCE 2017 Online Conference Proceedings. ETA-Florence Renewable Energies. pp. 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. 2017. Modelling of seep through of humidity to electric connector with stochastic processes. Cepin M, Bris R, editors. In ESREL 2017. Safety and Reliability. Theory and Applications. CRC Press. <https://doi.org/10.1201/9781315210469-384>
- Mari T, Leivo V, Pekkonen M, Aaltonen A, Kiviste M, Haverinen-Shaughnessy U. 2016. Sisäympäristön laadun ja terveellisyyden arviointi energiaparannuskohteissa. In Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34. SIY SISÄILMATIETO OY. pp. 13-18.
- Behailu BM, Mattila H. 2016. Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. Nenonen S, Junnonen J-M, editors. In Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions. Tampere University of Technology. pp. 431-440.
- Du L, Prasauskas T, Leivo V, Turunen M, Kiviste M, Martuzevicius D, Haverinen-Shaughnessy U. 2016. 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.
- Koivisto K, Forsman J, Ronkainen M, Lahtinen P, Kolisoja P, Kuula P. 2016. 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 Geotechnic 25th - 28th of May. Reykjavik: Icelandic Geotechnical Society.
- Katko TS, Hukka JJ. 2016. Institutional development is the key for sustainable water services in the built environment. Nenonen S, Junnonen J-M, editors. In 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. pp. 419-430.

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

Kurki V. 2016. 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. pp. 91-102.

Holopainen S, Kouhia R, Ottosen NS, Matti R, Saksala T. 2016. Modelling of anisotropic fatigue. Floryan JM, editor. In 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. IUTAM. pp. 1822-1823.

Du L, Leivo V, Kiviste M, Martuzevicius D, Turunen M, Prasauskas T, Haverinen-Shaughnessy U. 2015. 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 .

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

Kotilainen M, Vuoristo P. 2015. 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 . pp. 481-491.

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

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

Korpinen L, Gonzalez-Sosa J, Tepsa K. 2012. Examples of using the moodle virtual learning environment for teaching technical university students. Gomez Chova L, Candel Torres I, Lopez Martinez A, editors. In 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. pp. 981-990. (International Conference on Education and New Learning Technologies).

Korpinen L, Kuisti H, Tarao H, Pääkkönen R. 2012. 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. pp. 282-285. (Progress in Electromagnetics Research Symposium).

Gobba F, Pääkkönen R, Tarao H, Korpinen L. 2012. 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. pp. 286-288. (Progress in Electromagnetics Research Symposium).

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

Pääkkönen R, Kuisti H, Gonzalez JA, Tarao H, Gobba F, Korpinen L. 2012. 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. pp. 215-217. (The Bioelectromagnetics

Society Annual Meeting).

Pynnönen S, Tuhkanen T. 2012. 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. pp. 1-8. (International Dry Toilet Conference).

Pynnönen K, Tuhkanen T, Rieck C, von Munch E. 2012. 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. pp. 1-10. (International Dry Toilet Conference).

Okun A, Korpinen L. 2012. 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. (International Workshop on Biological Effects of Electromagnetic Fields).

Tarao H, Hayashi N, Korpinen L, Gonzalez JA, Matsumoto T, Isaka K. 2012. 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. pp. 197-199. (The Bioelectromagnetics Society Annual Meeting).

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

Korpinen L, Pääkkönen R, Gonzalez-Sosa J, Gobba F. 2012. Experiences of integrating MSc student research projects in the "electromagnetic fields and health" area. Gomez Chova L, Candel Torres I, Lopez Martinez A, editors. In 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. pp. 1007-1010. (International Conference on Education and New Learning Technologies).

Pitkänen A, Raiko R, Korpinen L. 2012. Gender comparison - The university students' exam results in the environmental and energy area. Gomez Chova L, Lopez Martinez A, Candel Torres I, editors. In 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. pp. 3299-3308. (International Technology, Education and Development Conference).

Korpinen L, Kuisti H, Pääkkönen R, Gobba F. 2012. 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. (International Workshop on Biological Effects of Electromagnetic Fields).

Palmroth MRT, Kolha VA, Ramos Garcia A, Perrier L, Richter C, Tuhkanen TA. 2012. 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. pp. 1-4. (EcoTechnologies for Wasterwater Treatment, IWA International Conference).

Gonzalez-Sosa J, Korpinen L. 2012. The experiences of technical university students on an "environmental health" course . Gomez Chova L, Candel Torres I, Lopez Martinez A, editors. In 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. pp. 1586-1592. (International Conference on Education and New Learning Technologies).

Gobba F, Rossi P, Contessa GM, Korpinen L. 2012. 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. pp. 63-64. (National Conference ICEmB).

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

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

Leppänen A, Välimäki E, Oksanen A. 2011. 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. pp. 1-11. (International Conference on Energy for Clean Environment).

Oksanen A, Saario AJ. 2011. 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. pp. 1-17. (ECCOMAS Thematic Conference on CFD & Optimization, Methods and Applications).

Leppänen A, Välimäki E, Oksanen A. 2011. 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. pp. 1-8. (TAPPI PEERS Conference).

Alanko T, Pääkkönen R, Lahtinen S, Korpinen L. 2011. 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. pp. 1-2. (International Conference European Bioelectromagnetics Association).

Takala A. 2011. 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. pp. 180-181. (World Sustainable Building Conference SB11).

Pääkkönen R, Lahtinen S, Korpinen L. 2011. 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. pp. 2 p. (International Conference European Bioelectromagnetics Association).

Korpinen L, Lahtinen S, Gobba F. 2011. 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. pp. 2 p. (International Conference European Bioelectromagnetics Association).

Leppänen A, Välimäki E, Oksanen A. 2011. 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. pp. 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. 2011. 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. pp. 1-10. (European Conference on Industrial Furnaces and Boilers).

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

Pääkkönen R, Holm A, Korpinen L. 2010. 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. pp. 1-2.

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

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

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

Kreutzer J, Honkanen M, Laaksonen J, Kallio P. 2010. 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. pp. 1-9.

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

Holm A, Korpinen L. 2010. 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. pp. 1-2.

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

Lahti J, Eiroma K, Tenhunen T-M, Pykönen M, Toivakka M. 2010. 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. pp. 1-7.

Karvinen R. 2010. 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. pp. 1-13.

Nikkola J, Mannila J, Vartiainen J, Tuominen M, Nättinen K. 2010. 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. pp. 1-11.

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

Juuti PS, Katko TS, Vuorinen HS. 2006. 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. pp. 631-636.

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

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

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

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

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

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

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

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

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

Katko TS. 2014. 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*. 7(1):273-274.

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

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

Takala A, Heinonen U, Innala T, Lundgren K, Mattila H, Vahala R, Vuola S. 2012. Tulevaisuuden vesiosajat. *Vesitalous*. 53(3):6-7.

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

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

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

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

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

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

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

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

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

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

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

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

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

Kovalainen V, Kylliäinen M, Huhtala T. 2016. 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). pp. 3834-3841.

Kylliäinen M, Hongisto V, Oliva D, Rekola L. 2016. 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). pp. 894-902.

Mönkäre T, Palmroth MRT, Rintala J. 2014. 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. pp. 1-11.

Mönkäre T, Palmroth M, Rintala J. 2014. 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.

Välisalo T, Heino O, Luomanen T. 2012. 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. pp. 1-9. (International Federation of Municipal Engineering World Congress).

Takala AJ. 2012. 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. pp. 1-6. (International YWP Conference).

Tolvanen H, Kokko L, Raiko R. 2011. 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. pp. 1-14. (Swedish-Finnish Flame Days).

Heino OA, Takala AJ. 2011. Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services. Lakkala H, Vehmas J, editors. In 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. pp. 410-422. (FFRC eBOOK).

Takala A, Korhonen-Yrjänheikki K. 2010. 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. pp. 1-10.

Tiitinen K, Ylitalo M, Oksanen A. 2010. 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. pp. 1-22.

Rodriguez AM, Raiko R. 2010. 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. pp. 1-11.

Poudyal A, Mustonen S, Paatero J. 2010. 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. pp. 1358-1366.

Nättinen K, Nikkola J, Mannila J, Vartiainen J, Tuominen M, Lavonen J. 2009. 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. pp. 8 p.

Vehmas J, Luukkanen J, Mustonen S, Kaivo-oja J, Snäkin J-P, Jusi S. 2008. 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. pp. 5 p.

Mustonen S. 2008. 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. pp. 8 p.

Mustonen S, Nanthavong K. 2006. 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. pp. 6 p.

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

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

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

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

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

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

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

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

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

Juuti P, Mattila H, Rajala R, Schwartz K, Staddon C, ed. 2019. Resilient Water Services and Systems: The Foundation of Well-Being. IWA Publishing.

Juuti PS, Katko TS, Schwartz K, ed. 2013. Prologue. IWA Publishing. 3 p.

Juuti PS, Katko TS, Schwartz K, ed. 2013. Epilogue. IWA Publishing. 5 p.

Pynnönen S, Tuhkanen T, ed. 2013. FSES 2013, Finnish Conference of Environmental Sciences, 2-3 May 2013, Tampere, Finland. Proceedings. Tampere: Tampere University of Technology. 156 p.

Hynynen AJ, Juuti PS, Katko TS, ed. 2012. Water Fountains in the Worldscape. Kangasala: International Water History Association and Kehrämedia Inc.

Hynynen AJ, Juuti PS, Katko TS, ed. 2011. Water Fountains in the Cityscape. Kansas City,MO: Public Works Historical Society. (Essays in Public Works History).

Juuti PS, Katko TS, Mäki HR, Nyanchaga EN, Rautanen S-L, Vuorinen HS, ed. 2007. Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland. Unknown Publisher.

Juuti PS, Katko TS, Vuorinen HS, ed. 2007. Environmental history of water : global views on community water supply and sanitation. London: IWA Publishing.

Hautamäki I, Juuti P, Katko T, Rajala R, Vinnari E, ed. 2007. 5th IWHA Conference. Tampere Finland 2007. Pasts and Futures of Water. University of Tampere 13-17 June 2007. Unknown Publisher.

Juuti PS, Katko TS, ed. 2005. Water, Time and European Cities : History matters for the Futures. Tampere: Tampere University Press.

Hukka J, Katko TS, Pietilä P. 2019. Koulutus ja tutkimus kehityksen moottorina. Econetin asiakaslehti AQ. (3):13.

Inha L, Juuti P, Katko TS, Rajala R, Pietilä P. 2019. Vetoa vesihuoltopalveluihin täydennyskoulutuksen kautta. Kuntatekniikka. 73(5):6-7.

Katko TS. 2019. Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä. Vesitalous. 60(4):24-25.

Inha L, Katko TS, Rajala R. 2019. Vesihuollon instituutiot vaativat taitavaa jalkapallopelejä. Rakennustekniikka. 75(3):38-40.

Katko TS, Inha L, Rajala R. 2019. Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia. Ympäristökasvatus. (2).

Katko TS. 2018. WC-tilat ja -opasteet vain likana silmissämme?. Kuntatekniikka. 72(4):45.

Juuti P, Rajala R. 2018. Vesihuoltopalvelujen tutkimus-, kehittämis- ja innovaatioklusterin (VEPATUKI) ensimmäinen vuosi keskittyy saneeraustarpeeseen. Vesitalous. (5):21-23.

Juuti P, Rajala R. 2018. Kapkaupungin pysyvä vesikriisi – ratkaako vesipula, jos lisää vettä pumpataan vuotavaan verkostoon. Vesitalous. (5):39-42.

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

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

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

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

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

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

Ojala P, Saarenrinne P, Miettinen J, Multanen P, Kiilunen J, Hietala J-P, Kolu A, Pippola J, Mostofizadeh M, Ylönen M. 2015. Simulointi nopeuttaa käyttöiän määrittystä. Promaint. 2:24-27.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Kerokoski O, Rantala T, Nurmikolu A. 2016. 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.

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

Takala A, Korhonen-Yrjänheikki K. 2015. 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.). <https://doi.org/10.14288/1.0064702>

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

Siljander S, Kiviniemi M, Sarlin E, Lindgren M, Suihkonen R, Vuorinen J. 2015. 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.

Maanoja S, Rintala J. 2015. 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. pp. 83-88.

Grigonyte J, Sippula O, Tissari J, Laitinen A, Keskinen J, Kortelainen M, Lamberg H, Jokiniemi J. 2015. 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.

Tuhkanen T. 2011. 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. pp. 8-11. (Les Cahiers du PRAM).

Auvinen K, Maanavilja L, Seppälä J, Sankelo P, Mäkinen J, Sarkkola S, Helonheimo T, Saikku L, Lounasheimo J, Riekkinen V 2020. Merkittävimmät päästövähennystoimet ilmastonmuutoksen hillitsemiseksi. Suomen ympäristökeskus (SYKE). 4 p.

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

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

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

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

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

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

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

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

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

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

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