

- 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, [105748]. <https://doi.org/10.1016/j.envint.2020.105748>
- Soinne, H., Keskinen, R., Heikkinen, J., Hyväluoma, J., Uusitalo, R., Peltoniemi, K., ... 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, [138955]. <https://doi.org/10.1016/j.scitotenv.2020.138955>
- Weijo, 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, [20007]. <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, J. M., & Timonen, S. (2020). Spatial variations in bacterial and archaeal abundance and community composition in boreal forest pine mycorrhizospheres. *EUROPEAN JOURNAL OF SOIL BIOLOGY*, 97, [103168]. <https://doi.org/10.1016/j.ejsobi.2020.103168>
- Tao, R., Bair, R., Pickett, M., Calabria, J. L., Lakaniemi, A-M., van Hullebusch, E. D., ... Yeh, D. H. (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- α -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., ... 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, [142207]. <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), [105396]. <https://doi.org/10.1016/j.aap.2019.105396>
- Frankberg, E. J., Kalikka, J., Ferré, F. G., Joly-Pottuz, L., Salminen, T., Hintikka, J., ... 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, J. M., Villnäs, A., Norkko, A., & Timonen, S. (2019). Increasing oxygen deficiency changes rare and moderately abundant bacterial communities in coastal soft sediments. *Scientific Reports*, 9, [16341]. <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, L. M., Katko, T. S., & Rajala, R. P. (2019). Improved water services cooperation through clarification of rules and roles. *Water (Switzerland)*, 11(10), [2172]. <https://doi.org/10.3390/w11102172>
- Khanongnuch, R., Di Capua, F., Lakaniemi, A-M., Rene, E. R., & Lens, P. (2019). Transient-state operation of an anoxic biotrickling filter for H₂S 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), [4750]. <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. [6]. <https://doi.org/10.2478/ncr-2019-0001>
- Aalto, S. L., Saarenheimo, J., Arvola, L., Tirola, M., Huotari, J., & Rissanen, A. J. (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, G. B., & Kaksonen, A. H. (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, E. R., & 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, R. P., Juuti, P. S., & Katko, T. S. (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, M. R. T., 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, A. H., Sahinkaya, E., & Puhakka, J. A. (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., ... 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., ... Mathur, S. (2019). Highly compact TiO₂ films by spray pyrolysis and application in perovskite solar cells. *Advanced Engineering Materials*, *21*(4), [1801196]. <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., Papirio, 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, [1751783]. <https://doi.org/10.1155/2019/1751783>

Laitinen, J., Antikainen, R., Hukka, J. J., & Katko, T. S. (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, A. M., van Hullebusch, E. D., & Rintala, J. A. (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, R. P., Katko, T. S., & Springe, G. (2019). Students' Perceived Priorities on Water as a Human Right, Natural Resource, and Multiple Goods. *Sustainability*, 11(22), [6354]. <https://doi.org/10.3390/su11226354>

Timonen, H., Karjalainen, P., Aalto, P., Saarikoski, S., Mylläri, F., Karvosenoja, N., ... 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., ... Priimägi, A. (2018). Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. *Scientific Reports*, 8, [14431]. <https://doi.org/10.1038/s41598-018-32830-3>

Melliger, M., van Vliet, O. P. R., & 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., ... Tkachenko, N. (2018). Design aspects of all atomic layer deposited TiO₂-Fe₂O₃ 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, T. P., Sirviö, J. A., Sethi, J., Hukka, T. I., & Heiskanen, J. P. (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, L. A., & 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., ... Räsänen, 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, T. S., & 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, T. S., & Rajala, R. (2017). Sata vuotta vesihuoltoa Suomessa. *Vesitalous*, *58*(6), 13-15.

Katko, T. S., 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, R. J., Hadipour, A., Kastinen, T., Vivo, P., Hukka, T. I., Aernouts, T., & Heiskanen, J. P. (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, Y. V., Maheshwari, N., van Hullebusch, E. D., & Lens, P. N. L. (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, M. E., & Puhakka, J. A. (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, B. M., Hukka, J. J., & Katko, T. S. (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., Smätt, J.-H., Sänden, S., Hashmi, S. G., Kaunisto, K., ... Lemmetyinen, H. (2017). Influence of TiO₂ 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, T. J., Palmroth, M. R. T., & Rintala, J. A. (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, S. G., Tiihonen, A., Martineau, D., Özkan, M., Vivo, P., Kaunisto, K., ... 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 CO₂ 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, B. M., Pietilä, P. E., & Katko, T. S. (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, A. J., 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, A. J., 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, B. M., Suominen, A., Katko, T. S., 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. [04AF23059936]. <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, L. A., 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., Kanniainen, 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, H. K., Suhonen, S., Vippola, 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, Y. V., van Hullebusch, E. D., & Lens, P. N. L. (2016). Effect of heavy metal co-contaminants on selenite bio-reduction by anaerobic granular sludge. *Bioresource Technology*, *206*, 1-8. <https://doi.org/10.1016/j.biortech.2016.01.064>
- Szabo, H. M., 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 Fe₂O₃ - Co₃O₄ Nanomaterials as Anodes for Photoelectrochemical Water Splitting. *Plasma Processes and Polymers*, *13*(1), 191-200. <https://doi.org/10.1002/ppap.201500106>
- Mönkäre, T. J., Palmroth, M. R. T., & Rintala, J. A. (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., ... 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, R. C., Deswal, D., Sharma, S., Bhattacharya, A., Kumar Jain, K., Kaur, 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>
- Jaatinen, 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, S. H., & Puhakka, J. A. (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, E. R., Weiss, S., van Hullebusch, E. D., ... Lens, P. N. L. (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 N₂/O₂ and CO₂/O₂ atmospheres, particle geometry analysis, and numerical kinetics modeling. *Fuel*, 176, 153-164. <https://doi.org/10.1016/j.fuel.2016.02.071>

Kolisoja, P., & Kallinen, 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, E. J., Shakya, M., Jain, R., Rene, E. R., van Hullebusch, E. D., & Lens, P. N. L. (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, J. M., Chen, C. Y., Lakaniemi, A. M., Puhakka, J. A., Whang, L. M., & Chang, J. S. (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., & Laukkanen, 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., ... 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, M. E., & Puhakka, J. A. (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, B. M., Suominen, A., & Katko, T. S. (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., ... 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., ... Keiski, R. L. (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, J. M., Chen, C-Y., Lakaniemi, A-M., Puhakka, J. A., 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, A. Y., Köroğlu, E. O., Demir, N. M., Baysoy, D. Y., 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, T. P., Kaunisto, K., Bärtsch, M., Pohjola, J., Hiltunen, A., Niederberger, M., ... 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.jpcllett.5b01128>

Perander, M., DeMartini, N., Brink, A., Kramb, J., Karlström, O., Hemming, J., ... Hupa, M. (2015). Catalytic effect of Ca and K on CO₂ 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, P. S., Antoniou, G. P., Dragoni, W., El-Gohary, F., De Feo, G., Katko, T. S., ... Angelakis, A. N. (2015). Short Global History of Fountains. *Water*, *7*(5), 2314-2348. <https://doi.org/10.3390/w7052314>

Carver, S. M., Nelson, M. C., Yu, Z., & Tuovinen, O. H. (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, E. D., & Puhakka, J. A. (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, J. J., & Katko, T. S. (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, T. S., & Pietilä, P. E. (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, M. L. K., Kokko, M. E., Lakaniemi, A-M., & Puhakka, J. A. (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, M. E. A., Kaunisto, K., Barreca, D., Carraro, G., Gasparotto, A., Maccato, C., ... Van Tendeloo, G. (2015). Vapor phase processing of α -Fe₂O₃ 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, M. E. A., Barreca, D., Bontempi, E., Carraro, G., Gasparotto, A., Maccato, C., ... Mathur, S. (2015). Pt-functionalized Fe₂O₃ 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, T. J., Palmroth, M. R. T., & Rintala, J. A. (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, S. T., & Rintala, J. A. (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, L. A., & 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, M. E. A., Kaunisto, K., ... Mathur, S. (2015). Fe₂O₃-TiO₂ Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation. *Advanced Materials Interfaces*, 2(17). <https://doi.org/10.1002/admi.201500313>
- Tuovinen, O. H., Särkijärvi, S., Peuraniemi, E., Junnikkala, S., Puhakka, J. A., & Kaksonen, A. H. (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, T. S. (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, J. J., & Katko, T. S. (2015). Resilient Asset Management and Governance for Deteriorating 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, T. S. (2015). Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus. *Ympäristöhistoria: Finnish Journal of Environmental History*, 5(1), 4-5.
- Kurki, V., Sidaraviciute, R., Sörensen, J., Kibocha, S. N., Retike, I., Ikobe, G., ... 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, R. C. (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, S. S., Santala, V., Karp, M., & van Niel, E. W. J. (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), [48]. <https://doi.org/10.1186/1475-2859-13-48>
- Santala, S., Efimova, E., Koskinen, P., Karp, M. T., & 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 N₂/O₂, CO₂/O₂, and N₂/CO₂/O₂ 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, P. S. (2014). Lähteet Suomen vesihuollossa. *Vesitalous*, (4), 15-18.

Pynnönen, S. T., & Tuhkanen, T. A. (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., ... 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, O. E., Härkki, H. A., Palmroth, M. R. T., & Tuhkanen, T. A. (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 infrastruktuuripoliittikkaa? 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, M. M., Haghdoost, A. A., Gupta, A. K., & Tuhkanen, T. A. (2013). Pollutants source control and health effects. *Journal of Environmental and Public Health*, 2013, 1-2. [209739]. <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>
- Korpinen, 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, J. M., Sun, S., Sharma, S., Kiene, R. P., & Moran, M. A. (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, H. A., Tarao, H., & Elovaara, J. A. (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 O₂/N₂ and O₂/CO₂ conditions in a drop tube reactor: an optical study. *Industrial Combustion*, 1-22. [201201].
- 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, O. H., & Puhakka, J. A. (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, F. J., & 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-Marinosa, 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, A. J., Arvonen, V., Katko, T. S., Pietilä, P. E., & Åkerman, M. W. (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, O. A., Takala, A. J., & Katko, T. S. (2011). Challenges to Finnish water and wastewater services in the next 20-30 years. *E-Water*, 1-20. [2011/01].
- 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, J. J., Teisala, H., Tuominen, M., Aromaa, M., Kuusipalo, J., ... 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, J. A., & Kuisti, H. A. (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, T. S. (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, P. E. P., Nevatalo, L. M., Kaksonen, A. H., & Puhakka, J. A. (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, C. J., Thomas, D. N., Tuovinen, O. H., & Puhakka, J. A. (2011). Biogenic hydrogen and methane production from *Chlorella vulgaris* and *Dunaliella tertiolecta* biomass. *Biotechnology for Biofuels*, *4*(1), 1-12. [34]. <https://doi.org/10.1186/1754-6834-4-34>
- Teisala, H., Tuominen, M., Aromaa, M., Mäkelä, J. M., Stepien, M., Saarinen, J. J., ... 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, T. S., Kurki, V. O., Juuti, P. S., Rajala, R. P., & Seppälä, O. T. (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, T. S., Juuti, P. S., & Tempelhoff, J. (2010). Water and the city. *Environment and History*, *16*(2), 213-234. <https://doi.org/10.3197/096734010X12699419057331>
- Lakaniemi, A.-M., Nevatalo, L. M., Kaksonen, A. H., & Puhakka, J. A. (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, J. J., Katko, T. S., Pietilä, P. E., & Seppälä, O. T. (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, H. S., & Rajala, R. P. (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 "Electricity, Electronics and Environment". *Elektronika ir Elektrotechnika*, *102*(6), 75-78.
- Hukka, J. J., Castro, J. E., & Pietilä, P. E. (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 Elektrotechnika*, 102(6), 99-102.

Mustonen, S. M. (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, J. J., Katko, T. S., & Pietilä, P. E. (2008). Vesi-yhtymien toiminnan kehittäminen. *Vesitalous*, (3), 14-18.

Lakaniemi, A.-M., Nevatalo, L. M., Kaksonen, A. H., & Puhakka, J. A. (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, J. M., & Wilhelm, S. W. (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, J. O., Karp, M. T., Juvonen, R., Virta, M. P. J., & 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, S. M., Virta, M. P. J., & Karp, M. T. (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, T. S. (1999). Water supply and sanitation as an entry point to human development: Vision21-Knowledge synthesis. *Vision21- Knowledge synthesis*.

Korpela, M. T., Kurittu, J. S., Karvinen, J. T., & Karp, M. T. (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, T. S. (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, T. S., & Pietilä, P. (2017). Vesihuolto kaupungistuvissa yhteiskunnissa. *Alue ja Ympäristö*, 46(1), 32-39.

Nancharaiah, Y. V., Venkata Mohan, S., & Lens, P. N. L. (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, S. K., Velvizhi, G., Sulonen, M. L. K., Haavisto, J. M., Oguz Koroglu, E., Yusuf Cetinkaya, A., ... 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, Y. V., Venkata Mohan, S., & Lens, P. N. L. (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, V. O., Katko, T. S., & Pietilä, P. E. (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*. (Encyclopedia of the UN Sustainable Development Goals). Springer. https://doi.org/10.1007/978-3-319-71057-0_57-1

Rajala, R., Juuti, P., Hukka, J., & Katko, T. S. (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* (pp. 15-30). IWA Publishing. 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* (pp. 149-162). IWA Publishing.

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 (pp. 227-236). IWA Publishing.

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 (pp. 1-8). IWA Publishing.

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

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. In V. Raasakka, & P. Lahtinen (Eds.), *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* (pp. 168-175). RIL - Finnish Association of Civil Engineers.

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., Vol. 5, pp. 23-32). (WATERLAT GOBACIT; Vol. 5, No. 4). WATERLAT-GOBACIT Research Network. <https://doi.org/10.5072/zenodo.316861>

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

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

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

Katko, T. S., Juuti, P., Pietilä, P., & Rajala, R. (2015). Water services heritage and institutional diversity. In W. Willems, & H. van Schaik (Eds.), *Water and Heritage: material, conceptual and spiritual connections* Sidestone Press.

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

Katko, T. S., Hukka, J. J., Mashauri, D. A., & Nyangeri, E. N. (2014). Water services and cooperation. In R. Q. Grafton, P. Wyrwoll, C. White, & D. Allendes (Eds.), *Global water : issues and insights* (pp. 231-239). Australia: ANU Press, Australian National University Press.

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

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

Pietilä, P. (2013). Diversity of the water supply and sanitation sector: roles of municipalities in Europe. In T. S. Katko, P. S. Juuti, K. Schwartz, & R. P. Rajala (Eds.), *Water Services Management and Governance : Lessons for a Sustainable Future* (pp. 99-111). IWA Publishing.

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

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

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

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

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

Vuorinen, H. S., Juuti, P. S., & Katko, T. S. (2013). Safety of lead water pipes: history and present. In T. S. Katko, P. S. Juuti, K. Schwartz, & R. P. Rajala (Eds.), *Water Services Management and Governance : Lessons for a Sustainable Future* (pp. 89-96). IWA Publishing.

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

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

Katko, T. S., Kurki, V. O., Juuti, P. S., Rajala, R. P., & Seppälä, O. T. (2013). Integration of water and wastewater utilities. In T. S. Katko, P. S. Juuti, K. Schwartz, & R. P. Rajala (Eds.), *Water Services Management and Governance : Lessons for a Sustainable Future* (pp. 29-40). IWA Publishing.

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

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

Antila, K., Katko, T. S., & Mattila, H. (2013). Technology development theories and water services evolution. In T. S. Katko, P. S. Juuti, K. Schwartz, & R. P. Rajala (Eds.), *Water Services Management and Governance : Lessons for a Sustainable Future* (pp. 13-27). IWA Publishing.

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

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

Barraque, B., Juuti, P. S., & Katko, T. S. (2012). Urban water conflicts in recent European history: Changing interactions between technology, environment and society. In B. Barraque (Ed.), *Urban water conflicts* (pp. 15-32). (Urban water series, UNESCO IHP; Vol. 7). Taylor & Francis and UNESCO Publishing; A Balkema book.

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

Juuti, P., & Rajala, R. (2011). Ja alussa oli vesi. In P. Juuti, & R. Rajala (Eds.), *Vinttikaivosta vesiyhtiöön* (pp. 15-18). Saarijärvi: TamPub.

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

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

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

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

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

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

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

Tuhkanen, T. A., & Cajal Marinosa, P. (2010). UV irradiation for Micropollutant removal from aqueous solution in the presence of H₂O₂. In J. Virkutyte, R. Varma, & V. Jegatheesan (Eds.), *Treatment of Micropollutants in Water and Wastewater. Integrated Environmental Technology Series* (pp. 295-320)

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

Juuti, P. S., Nygård, H., & Katko, T. S. (2010). Water and sanitation services in history: Motivations, expectations and experiences. In T. Tvedt, & T. Oestigaard (Eds.), *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. In P. Juuti, T. Katko, S. Louekari, & R. Rajala (Eds.), *Näkymätönt Porrii. Porin Veden historia* (pp. 312-369)

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

- Juuti, P., & Rajala, R. (2010). Jätevedenpuhdistuksen ja viemäroinnin vaiheita Helsingissä. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä* (pp. 36-90). TamPub.
- Juuti, P., & Rajala, R. (2010). Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä* (pp. 91-113). TamPub.
- Juuti, P., & Rajala, R. (2010). Tavoitteena puhdas asuinympäristö. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä* (pp. 114-134). TamPub.
- Juuti, P., & Rajala, R. (2010). Kohti puhtaampaa Itämerä. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä* (pp. 135-142). TamPub.
- Juuti, P., Pietilä, P., & Rajala, R. (2010). Johdanto: vesirikas Riihimäki. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 26-33). TamPub.
- Rajala, R. (2010). Pohjavesi, meidän vesi. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 110-147). TamPub.
- Juuti, P., & Rajala, R. (2010). Vesilinna, Riihimäen maamerkki. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 148-183). TamPub.
- Rajala, R. (2010). Verkoston varrella. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 184-229). TamPub.
- Juuti, P., & Rajala, R. (2010). Vesihuollon haasteet ennen ja nyt. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 278-299). TamPub.
- Juuti, P., Rajala, R., & Pietilä, P. (2010). Hyvien yhteyksien ja hyvän veden kaupunki. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 314-333). TamPub.
- Juuti, P. (2010). Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 34-63). TamPub.
- Juuti, P. (2010). "Poika, nyt lähdettiin hommiin" - vesilaitos syntyy. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 64-109). TamPub.
- Juuti, P. (2010). Vesihuollon historia pätkinänkuoressa. In P. Juuti, R. Rajala, P. Pietilä, & T. Katko (Eds.), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* (pp. 300-313). TamPub.
- Rajala, R. (2010). Asiakkaat, verkostot ja henkilöstö. In P. Juuti, T. Katko, S. Louekari, & R. Rajala (Eds.), *Näkymätönt Porri: Porin Veden historia* (pp. 370-491). TamPub.
- Juuti, P., & Rajala, R. (2009). Vesihuoltoa espoossa ennen kunnallista vesilaitosta. In P. Juuti, & R. Rajala (Eds.), *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta* (pp. 5-26). University of Tampere.
- Juuti, P., & Rajala, R. (2009). Päijänne-tunneli ja kolmisopimus. In P. Juuti, & R. Rajala (Eds.), *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta* (pp. 27-38). University of Tampere.
- Juuti, P., & Rajala, R. (2009). Ensimmäiset fuusiosuunnitelmat. In P. Juuti, & R. Rajala (Eds.), *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta* (pp. 39-76). University of Tampere.

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

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

Juuti, P., Rajala, R., & Katko, T. S. (2009). Palo, jano, terveys, hygienia. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 13-20). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Virta: Kajaani, kaupunki joen varrella. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 21-36). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Syntymä ja kuolema: Laitoksen perustamiseen johtanut kehitys. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 37-46). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Tuli: Pelko ja pelastus. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 47-64). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Vesi: Vesilaitoksen alkutaival 1920-luvulta 1970-luvulle. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 65-92). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Lähde: Pohjavedenottamot. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 93-136). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Saasta: Jätevesien puhdistus ja viemärointi. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 137-174). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Kokemus: Kajaanin vesihuollon ammattilaisten kokemukset ja näkemykset. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 175-228). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Yhteistyö. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 229-256). TamPub.

Juuti, P., Rajala, R., & Katko, T. S. (2009). Visio: Historian havinaa ja tulevaisuuden haasteita. In P. Juuti, R. Rajala, & T. Katko (Eds.), *Elämän virta: Kajaanin veden historia* (pp. 257-270). TamPub.

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

Juuti, P. S., Katko, T. S., & Rajala, R. P. (2008). Introduction: Evolution and futures of water management: strategic decisions, challenges and effectiveness. In K. T. S. Juuti P.S., & R. P. Rajala (Eds.), *Water: a Matter of Life - Long-term strategic thinking in water services*. 193 p. KehräMedia Inc (pp. 6-20)

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

- Juuti, P., & Rajala, R. (2008). Vesihuollon alku Espoossa: ensimmäiset päätökset. In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 19-38). TamPub.
- Juuti, P., & Rajala, R. (2008). Yhteistyötarpeet ja synergiaedut : miksi hoitaa kaikkien jätevedet? In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 39-64). TamPub.
- Juuti, P., & Rajala, R. (2008). Vaatimus paremmasta puhdistustuloksesta ohjaa jätevedenpuhdistuksen päätöksentekoa. In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 65-72). TamPub.
- Juuti, P., & Rajala, R. (2008). Espoo päättää siirtyä kärkipaikalle. In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 73-76). TamPub.
- Juuti, P., & Rajala, R. (2008). Tutkimustoiminnalla turvallisuutta ja toimintavarmuutta: päätös panostaa omaan jätevesilaboratorioon. In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 77-84). TamPub.
- Juuti, P., & Rajala, R. (2008). Voimaa historiallisesta yhteistyöstä. In P. Juuti, & R. Rajala (Eds.), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa* (pp. 85-100). TamPub.
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 99-102)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Part III: Modern Urban Infrastructure. Ch 20 Introduction. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 509-510)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Water is the Beginning of All: Global Water Services and Challenges. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 3-8)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Conclusions. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 259-262)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Conclusions. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 501-506)
- Juuti, P. S., Katko, T. S., Mäki, H. R., & Toivio, H. K. (2007). Expanding rural water supplies in historical perspective: Six cases from Finland and South Africa. In P. S. Juuti, T. S. Katko, & H. S. Vuorinen (Eds.), *Environmental History of Water - Global views on community water supply and sanitation* (pp. 355-380)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Part III: Modern urban infrastructure. Introduction. In P. S. Juuti, T. S. Katko, & H. S. Vuorinen (Eds.), *Environmental History of Water - Global views on community water supply and sanitation* (pp. 265-269)
- Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation. IWA Publishing* (pp. 11-16)

Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Part III: Modern Urban Infrastructure. Ch 20 Introduction. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing (pp. 265-270)

Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Conclusions: Does History Matter? Present Water Governance Challenges and Future Implications. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing (pp. 589-592)

Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Epilogue: Local Solutions Based on Local Conditions. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing (pp. 593-598)

Juuti, P. S., & Katko, T. S. (2007). Birth and expansion of public water supply and sanitation in Finland until World War II. In P. S. Juuti, T. S. Katko, & H. S. Vuorinen (Eds.), *Environmental History of Water - Global views on community water supply and sanitation* (pp. 117-130)

Juuti, P. S., Katko, T. S., & Hukka, J. J. (2007). Privatisation of water services in historical context, Mid-1800s to 2004. In P. S. Juuti, T. S. Katko, & H. S. Vuorinen (Eds.), *Environmental History of Water - Global views on community water supply and sanitation* (pp. 235-257)

Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (2007). Conclusions. In K. T. S. Juuti P.S., & H. S. Vuorinen (Eds.), *2007. Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing (pp. 93-96)

Juuti, P. S., & Katko, T. S. (2005). Historical development of water and sanitation services. In P. S. Juuti, & T. S. Katko (Eds.), *Water, Time and European Cities. History matters for the Futures* (pp. 25-38). Tampere: Tampere University Press.

Juuti, P. S., & Katko, T. S. (2005). Comparative analysis and discussion. In P. S. Juuti, & T. S. Katko (Eds.), *Water, Time and European Cities. History matters for the Futures* (pp. 219-240). Tampere: Tampere University Press.

Juuti, P. S., & Katko, T. S. (2005). Long-term strategic decisions in 13 countries and 29 cities. In P. S. Juuti, & T. S. Katko (Eds.), *Water, Time and European Cities. History matters for the Futures* (pp. 50-72). Tampere: Tampere University Press.

Konttinen, J., Kramb, J., DeMartini, N., & Gomez-Barea, A. (2017). The role of inorganics in modelling of biomass gasification. In L. Ek, H. Ernrooth, N. Scarlat, A. Grassi, & P. Helm (Eds.), *EUBCE 2017 Online Conference Proceedings* (pp. 443-447). (European biomass conference and exhibition proceedings). ETA-Florence Renewable Energies. <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. In M. Cepin, & R. Bris (Eds.), *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 terveellisuuden arviointi energiaparannuskohteissa. In *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34* (pp. 13-18). SIY SISÄILMATIETO OY.

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

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* [737]

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

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

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* (pp. 91-102). Tampere University of Technology. Department of Civil Engineering.

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

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, M. R. T., Mönkäre, T. J., & Steffen, K. T. (2015). Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential. In N. Kalogerakis, F. Fava, & E. Manousaki (Eds.), *Book of abstracts of the 6th European Bioremediation Conference* (pp. 47). [169]

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. In C. Egbu (Ed.), *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development* (pp. 286-296). London, UK: IBEA Publications Ltd.

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

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

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* (pp. 282-285). (Progress in Electromagnetics Research Symposium). Electromagnetics Academy.

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* (pp. 286-288). (Progress in Electromagnetics Research Symposium). Electromagnetics Academy.

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* (pp. 823-825). (Progress in Electromagnetics Research Symposium). Electromagnetics Academy.

Pääkkönen, R., Kuisti, H., Gonzalez, J. A., 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* (pp. 215-217). (The Bioelectromagnetics Society Annual Meeting). The Bioelectromagnetics Society.

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* (pp. 1-8). (International Dry Toilet Conference). Helsinki: Global Dry Toilet Association of Finland.

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* (pp. 1-10). (International Dry Toilet Conference). Helsinki: Global Dry Toilet Association of Finland.

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* (International Workshop on Biological Effects of Electromagnetic Fields). Electromagnetic Research Group - EMRG (Malta); Department of Physics, University of Malta.

Tarao, H., Hayashi, N., Korpinen, L., Gonzalez, J. A., 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* (pp. 197-199). (The Bioelectromagnetics Society Annual Meeting). The Bioelectromagnetics Society.

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 PEERS Conference). TAPPI.

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

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

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* (International Workshop on Biological Effects of Electromagnetic Fields). Electromagnetic Research Group - EMRG (Malta); Department of Physics, University of Malta.

Palmroth, M. R. T., Kolha, V. A., Ramos Garcia, A., Perrier, L., Richter, C., & Tuhkanen, T. A. (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* (pp. 1-4). (EcoTechnologies for Wasterwater Treatment, IWA International Conference). International Water Association IWA.

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

Gobba, F., Rossi, P., Contessa, G. M., & 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* (pp. 63-64). (National Conference ICEmB). Genova: The Inter-university research Centre into Interactions between Electromagnetic fields and Biosystems 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 EAEEIE Annual Conference - EAEEIE 2011, Maribor, Slovenia, June 13-15, 2011* (pp. 119-123). (EAEEIE Annual Conference). Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science.

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. In E. Gockenbach, C. Eichler, F. Mohsen, M. Fischer, O. Gratz, K. Pham, & X. Zhang (Eds.), *ISH 2011, 17th International Symposium on High Voltage Engineering, August 22-26, 2011, Hannover, Germany* (pp. 44-44). (International Symposium on High Voltage Engineering ISH). Hannover: Leibniz Universität Hannover.

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* (pp. 1-11). (International Conference on Energy for Clean Environment). Lisbon: Clean Air conference series.

Oksanen, A., & Saario, A. J. (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* (pp. 1-17). (ECCOMAS Thematic Conference on CFD & Optimization, Methods and Applications). Antalya: ECCOMAS.

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* (pp. 1-8). (TAPPI PEERS Conference). Norcross, GA: TAPPI.

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* (pp. 1-2). (International Conference European Bioelectromagnetics Association). Rome: 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* (pp. 180-181). (World Sustainable Building Conference SB11; Vol. 2). Helsinki: RIL - Finnish Association of Civil Engineers.

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* (pp. 2 p). (International Conference European Bioelectromagnetics Association). Rome: 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* (pp. 2 p). (International Conference European Bioelectromagnetics Association). Rome: 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* (pp. 1033-1040). (European Biomass Conference and Exhibition). Berlin: 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* (pp. 1-10). (European Conference on Industrial Furnaces and Boilers). Estoril: INFUB.

Stepien, M., Saarinen, J. J., Teisala, H., Tuominen, M., Aromaa, M., Kuusipalo, 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. In E. Myller (Ed.), *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, J. J., Katko, T. S., Pietilä, P. E., Seppälä, O. T., & Vinnari, E. M. (2010). Forgotten infrastructure - In the quest for development, sustainability and security. In B. Auffermann, & J. Kaskinen (Eds.), *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 μ 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. In H. Steusloff (Ed.), *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* (pp. 1-10). ASME.

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* (pp. 1-13). ASME.

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, J. J., Katko, T. S., Pietilä, P. E., & 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, P. S., Katko, T. S., & Vuorinen, H. S. (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, T. S., & Rajala, R. P. (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, T. S. (2018). Kirja-arviointi:Yliopistomme vaarassa hukkoa byrokraatiaan. Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokraatiasta ja opetuksen ylenkatsomisesta. Into Kustannus Oy. 2017. . *Tiedepolitiikka*, 43(1), 58-60.

Katko, T. S. (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, T. S. (2018). Finland's Water Services: Looking to its Past to Figure Out its Future. *Water and Wastewater International*.

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

Katko, T. S. (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, T. S. (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 vesiosaaajat. *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, P. S., Katko, T. S., & Vinnari, E. M. (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, T. S. (2019). Foreword Towards More Resilient Water Services. In P. Juuti, H. Mattila, R. Rajala, K. Schwartz, & C. Staddon (Eds.), *Resilient water services and systems: the foundation of well-being* (pp. 9-13). IWA Publishing. <https://doi.org/10.2166/9781780409771>
- Hynynen, A. J., Juuti, P. S., & Katko, T. S. (2012). The Mermaid of Helsinki, Finland. In J. H. Ari, S. J. Petri, & S. K. Tapio (Eds.), *Water Fountains in the Worldscape* (pp. 107-111). Kangasala: International Water History Association and Kehrämedia Inc..
- Hynynen, A. J., Juuti, P. S., & Katko, T. S. (2012). Part V: Comparative Analysis of the Omnipresent Water Fountains. In J. H. Ari, S. J. Petri, & S. K. Tapio (Eds.), *Water Fountains in the Worldscape* (pp. 137-212). Kangasala: International Water History Association and Kehrämedia Inc..
- Katko, T. S. (2012). "Rocky Fountains" of Keciören, Turkey. In J. H. Ari, S. J. Petri, & S. K. Tapio (Eds.), *Water Fountains in the Worldscape* (pp. 128-131). Kangasala: International Water History Association and KehräMedia.
- Hynynen, A., Juuti, P., & Katko, T. (2011). The Fountain A Harbinger of a New Era in Case Tampere. In A. J. Hynynen, P. S. Juuti, & T. S. Katko (Eds.), *Water Fountains in the Cityscape. Essays in Public Works History* (pp. 63-70). (Essays in Public Works History; Vol. 30). Kansas City,MO: Public Works Historical Society.
- Korhonen-Yrjänheikki, K., Takala, A., & Mielityinen, I. (2011). Values and Attitudes in Engineering Education. In P. Lappalainen (Ed.), *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* (pp. 3834-3841). [503] Hamburg: German Acoustical Society (DEGA).
- 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* (pp. 894-902). [193] Hamburg: German Acoustical Society (DEGA).
- Mönkäre, T., Palmroth, M. R. T., & 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* (pp. 1-11). CISA Publishers.
- 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* (pp. 1-9). (International Federation of Municipal Engineering World Congress). International Federation of Municipal Engineering IFME.

Takala, A. J. (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* (pp. 1-6). [IWA-9929] (International YWP Conference). IWA, International Water Association; Hungarian Water Utility Association.

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* (pp. 1-14). (Swedish-Finnish Flame Days). Piteå: IFRF and the Scandinavian-Nordic Section of the Combustion Institute.

Heino, O. A., & Takala, A. J. (2011). Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services. In H. Lakkala, & J. Vehmas (Eds.), *Trends and Future of Sustainable Development, Proceedings of the Conference "Trends and Future of Sustainable Development", 9 - 10 June 2011, Tampere, Finland* (pp. 410-422). [15] (FFRC eBook). Finland Futures Research Centre, University of Turku.

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, A. M., & 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. In T. H. Christensen, R. Cossu, & R. Stegmann (Eds.), *Sardinia 99, Seventh International Waste Management and Landfill Symposium, 4-8 October, S. Margherita di Pula, Cagliari, Sardinia, Italy. Proceedings, Vol. I-V.* (Vol. III, pp. 173-180)

Katko, T. S. (2017). *Finnish water services: Experiences in global perspective*. London: IWA Publishing.

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

Katko, T. S. (2016). *Finnish water services: Experiences in global perspective*. Helsinki: Finnish Water Utilities Association.

Katko, T. S. (2013). *Hanaa! Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys*. Helsinki: Suomen Vesilaitosyhdistys ry.

Juuti, P., Rajala, R. P., Pietilä, P. E., & Katko, T. S. (2010). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. Riihimäen Vesi.

Juuti, P. S., Katko, T. S., Louekari, S. M., & Rajala, R. P. (2010). *Näkymätöntä Porii. Porin veden historia*. Pori: Porin Vesi.

Juuti, P., Rajala, R., & Katko, T. (2010). *Metropoli ja meri. 100 vuotta jätevedenpuhdistusta Helsingissä*. (HSY:n julkaisuja; Vol. 6/2010). Helsinki: HSY Helsingin seudun ympäristöpalvelut.

Katko, T. S. (2007). *Yhteistä vettä: Tuusulan seudun vesilaitos kuntayhtymä 1967-2007*. Tuusulan seudun vesilaitos kuntayhtymä.

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

Juuti, P. S., Katko, T. S., & Schwartz, K. (Eds.) (2013). *Prologue*. IWA Publishing.

Juuti, P. S., Katko, T. S., & Schwartz, K. (Eds.) (2013). *Epilogue*. IWA Publishing.

Pynnönen, S., & Tuhkanen, T. (Eds.) (2013). *FSES 2013, Finnish Conference of Environmental Sciences, 2-3 May 2013, Tampere, Finland. Proceedings*. Tampere: Tampere University of Technology.

Hynynen, A. J., Juuti, P. S., & Katko, T. S. (Eds.) (2012). *Water Fountains in the Worldscape*. Kangasala: International Water History Association and Kehrämedia Inc.

Hynynen, A. J., Juuti, P. S., & Katko, T. S. (Eds.) (2011). *Water Fountains in the Cityscape*. (Essays in Public Works History; Vol. 30). Kansas City, MO: Public Works Historical Society.

Juuti, P. S., Katko, T. S., Mäki, H. R., Nyanchaga, E. N., Rautanen, S-L., & Vuorinen, H. S. (Eds.) (2007). *Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland*. Unknown Publisher.

Juuti, P. S., Katko, T. S., & Vuorinen, H. S. (Eds.) (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. (Eds.) (2007). *5th IWHA Conference. Tampere Finland 2007. Pasts and Futures of Water. University of Tampere 13-17 June 2007*. Unknown Publisher.

Juuti, P. S., & Katko, T. S. (Eds.) (2005). *Water, Time and European Cities : History matters for the Futures*. Tampere: Tampere University Press.

- Hukka, J., Katko, T. S., & Pietilä, P. (2019). Koulutus ja tutkimus kehityksen moottorina. *Econetin asiakaslehti AQ*, (3), 13.
- Inha, L., Juuti, P., Katko, T. S., Rajala, R., & Pietilä, P. (2019). Vetoa vesihuoltopalveluihin täydennyskoulutuksen kautta. *Kuntatekniikka*, 73(5), 6-7.
- Katko, T. S. (2019). Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä. *Vesitalous*, 60(4), 24-25.
- Inha, L., Katko, T. S., & Rajala, R. (2019). Vesihuollon instituutiot vaativat taitavaa jalkapallopelejä. *Rakennustekniikka*, 75 (3), 38-40.
- Katko, T. S., Inha, L., & Rajala, R. (2019). Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia. *Ympäristökasvatus*, (2).
- Katko, T. S. (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 keskittyi saneeraustarpeeseen. *Vesitalous*, (5), 21-23.
- Juuti, P., & Rajala, R. (2018). Kapkaupungin pysyvä vesikriisi – ratkeako 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, T. S. (2017). Vesihuollon globaalit haasteet ja instituutioiden roolit. *Econetin asiakaslehti AQ*, (1), 15.
- Katko, T. S. (2017). Global challenges and role of institutions in water services. *Econetin asiakaslehti AQ*, (1), 15.
- Katko, T. S. (2017). Toimiva vesihuolto ei ole itsestäänselvyys. *Promaint*, 29(2), 17.
- Katko, T. S., & Hukka, J. J. (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., ... Ylönen, M. (2015). Simulointi nopeuttaa käyttöiän määrittystä. *Promaint*, 2, 24-27.
- Katko, T. S., 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, T. S. (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, T. S. (2013). Dags att syna utmaningarna inom vattenförsörjningen. *Finlands Kommuntidning*, 19(8), 30-31.
- Katko, T. S. (2013). Vesihuolto osana näkymätöntä kaupunkia. *RY Rakennettu ympäristö*, 50(5), 18-21.
- Jaatinen, T. T. O., Katko, T. S., Pynnönen, S. T., & Vihanta, J. S. (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, T. S. (2012). Vesihuollon historian lyhyt oppimäärä. *Econetin asakastehti 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, J. J., Katko, T. S., & Pietilä, P. P. (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, J. J., Katko, T. S., & Pietilä, P. P. (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, T. S. (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, P. S., & Katko, T. S. (2005). Hätä ei häviä käymälöitä poistamalla. *www.huussi.net*, 7 s.
- Katko, T. S., & Hukka, J. J. (2017). Tempoilevasta tiede- ja koulutuspolitiikasta kohti laajempaa näkemystä. In P. Juuti, & K. Uusi-Rasi (Eds.), *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä* (pp. 32-39). (Tampereen dosenttiyhdistyksen julkaisuja). Tampere: Tampereen dosenttiyhdistys.
- Juuti, P. (2017). Ympäristö- ja vesihistorian tutkimuksesta 2000-luvulla Suomessa. In P. Juuti, & K. Uusi-Rasi (Eds.), *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä* (Vol. 3, pp. 44-48). Tampereen dosenttiyhdistys.

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

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

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, B. M. (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., ... 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* [2COA_P021]

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* (pp. 8-11). (Les Cahiers du PRAM). Le Lamentin.

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

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 kilpailukyiseen hintaan*. Suomen ilmastopaneeli.

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

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

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

Liimatainen, H., Utriainen, R., & Viri, R. (2018). *Sähköautoilun edistäminen vaatii latausmahdollisuuksien kehittämistä*. Suomen ilmastopaneeli.

Huuhka, S., Köliö, A., Annala, P., & Poti, A. (2018). *Puurakenteiden uudelleenkäyttömahdollisuudet*. (Muuttuva rakennettu ympäristö; No. 4), (Rakennetekniikka. Tutkimusraportti.; No. 165). Tampere: Tampere University of Technology.

Pinchasik, D., Hovi, I. B., 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*. (Temanord). NORDIC COUNCIL OF MINISTERS. <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*. (Suomen ympäristökeskuksen raportteja; No. 35/2016). Helsinki: Suomen ympäristökeskus.

Mönkäre, T., Kinnunen, V., Tampio, E., Ervasti, S., Lehtonen, E., Kettunen, R., ... Rintala, J. (2016). *Ravinnevisio: Selvitys Pirkanmaan puhdistamolietteiden ja biojätteiden ravinteista ja niiden potentiaalisesta käytöstä*. (Raportteja; No. 74). Pirkanmaan ELY-keskus.