

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

Honkanen M, Kärkkäinen M, Kolli T, Heikkinen O, Viitanen V, Zeng L, Jiang H, Kallinen K, Huuhtanen M, Keiski RL, Lahtinen J, Olsson E, Vippola M. 2016. Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging. *Applied Catalysis B-Environmental*. 439-448. <https://doi.org/10.1016/j.apcatb.2015.09.054>

Leppänen MM, Kuula P. 2016. Acceptability of contaminated soils and waste materials in landfill structures. Paper presented at Nordrocs, .

Rautanen S-L 2016. Access to Water? Dynamic Capacity Change for Sustainable Rural Water and Sanitation Services for All. Tampere University of Technology. 112 p. (Tampere University of Technology. Publication).

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>

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

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

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

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.

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

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>

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>

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

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

Maharaj B 2019. ADM1 Based Mathematical Models For Assessing The Effect Of Trace Elements Dynamics On Solid Waste Anaerobic Digestion. Tampere University. 73 p.

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

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

Luomala H. 2016. Älypölkky, radan monitorointi, kreosoottipölkyn korvaavat vaihtoehdot.

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

Kokko L 2014. A method for finding suitable particle sizes for thermal conversion processes by using a simulation tool focusing on wood particle heat transfer and chemical kinetics. Tampere: Tampere University of Technology. 124 p. (Tampere University of Technology. Publication).

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>

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>

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.

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>

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

Ojala N. 2016. Application oriented wear testing of wear resistant steels in mining industry. Paper presented at DIMECC 9th Annual Seminar, Helsinki, Finland.

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

Korpela MT, Kurittu JS, Karvinen JT, Karp MT. 1998. A recombinant *Escherichia coli* sensor strain for the detection of tetracyclines. *Analytical Chemistry*. 70(21):4457-4462. <https://doi.org/10.1021/ac980740e>

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>

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

Parviainen A, Loukola-Ruskeeniemi K, Tarvainen T, Hatakka T, Härmä P, Backman B, Ketola T, Kuula P, Lehtinen H, Sorvari J, Pyy O, Ruskeeniemi T, Luoma S. 2015. Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland. *Earth-Science Reviews*. 150:709-723. <https://doi.org/10.1016/j.earscirev.2015.09.009>

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

Tarvainen T, Hatakka T, Backman B, Ketola T, Härmä P 2014. ASROCKS-Hankkeen heikkouuttomenetelmien vertailu. *GEOLOGIAN TUTKIMUSKESKUS*. 13 p.

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

Szabó HM 2020. Assessment of the Analytical Potential of HPLC-SEC for the Characterization of DOM and Nutrients in Various Types of Water. Tampere University. (Tampere University Dissertations).

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>

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

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

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

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.

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

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

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

Luomala H. 2016. Ballast bed.

Lahdensivu J, Huuhka S, Annala P, Pikkuvirta J, Köliö A, Pakkala T 2015. Betonielementtien uudelleenkäyttömahdollisuudet. Tampere: Tampereen teknillinen yliopisto. Rakennustekniikan laitos. 78 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka. Tutkimusraportti).

Köliö A, Pakkala T, Lahdensivu J, Pentti M 2016. Betonirakenteiden korjausohjeet 2016, by 41. Suomen Betoniyhdistys r.y. 115 p.

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

Wongrod S 2019. Biochars from solid digestates as sorbing materials for metal(loid)s removal from water. Tampere University. 79 p. (Tampere University Dissertations).

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>

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

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

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

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

Zou G 2015. Biological Nitrogen Removal from Acidic, Heavy-metal Containing Waters. Tampere: Tampere University of Technology. 92 p. (Tampere University of Technology. Publication).

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

Chakraborty S 2019. Biovalorisation of liquid and gaseous effluents of oil refinery and petrochemical industry. Tampere University. 211 p. (Tampere University Dissertations).

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

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

Katko TS. 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.

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

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

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

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>

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

Perander M, DeMartini N, Brink A, Kramb J, Karlström O, Hemming J, Moilanen A, Konttinen J, Hupa M. 2015. Catalytic effect of Ca and K on CO₂ gasification of spruce wood char. Fuel. 150:464-472. <https://doi.org/10.1016/j.fuel.2015.02.062>

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

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

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

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

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.

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>

Mönkäre T 2018. Characterization and biological stabilization of fine fraction from landfill mining. Tampere University of Technology. 68 p. (Tampere University of Technology. Publication).

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.

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

Järvinen A, Karjalainen P, Bloss M, Potila O, Simonen P, Kuuluvainen H, Timonen H, Saarikoski S, Niemi JV, Keskinen J, Rönkkö T. 2017. Chasing measurements for real-world emissions of city buses. Paper presented at European Aerosol Conference 2017, Zürich, Switzerland.

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>

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.

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

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.

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

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>

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

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

Lappalainen JO, Karp MT, Juvonen R, Virta MPJ, Nurmi J. 2000. Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and *Vibrio fischeri* toxicity test. *Environmental Toxicology*. 15(5):443-448. [https://doi.org/10.1002/1522-7278\(2000\)15:5<443::AID-TOX12>3.0.CO;2-L](https://doi.org/10.1002/1522-7278(2000)15:5<443::AID-TOX12>3.0.CO;2-L)

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

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

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

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

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

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

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>

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.

Mangayil R, Efimova E, Kontinen 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>

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

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

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

Hiltunen A, Ruoko T-P, Iivonen T, Lahtonen K, Ali-Löytty H, Sarlin E, Valden M, Leskelä M, Tkachenko N. 2018. Design aspects of all atomic layer deposited TiO₂-Fe₂O₃ scaffold-absorber photoanodes for water splitting. *Sustainable Energy & Fuels*. 2(9):2124-2130. <https://doi.org/10.1039/C8SE00252E>

Tauriainen SM, Virta MPJ, Karp MT. 2000. Detecting bioavailable toxic metals and metalloids from natural water samples using luminescent sensor bacteria. *Water Research*. 34(10):2661-2666. [https://doi.org/10.1016/S0043-1354\(00\)00005-1](https://doi.org/10.1016/S0043-1354(00)00005-1)

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.

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.

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

- Katko TS, Rautavaara A. 2013. Developing community water services and cooperation in Finland and the South. Griffiths J, Lambert R, editors. In *Free Flow - Researching Water Security Through Cooperation*. United Nations Educational, Scientific and Cultural Organization; Unesco Publishing; Tudor Rose. pp. 240-244.
- 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.
- Teisala H, Tuominen M, Aromaa M, Mäkelä JM, Stepien M, Saarinen JJ, Toivakka M, Kuusipalo J. 2010. Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray. *Surface and Coatings Technology*. 205(2):436-445. <https://doi.org/10.1016/j.surfcoat.2010.07.003>
- Gielnik A 2019. Digestate valorization for bioremediation of petroleum hydrocarbons contaminated soils. Tampere University. 95 p. (Tampere University Dissertations).
- Rinta-Kanto JM, Wilhelm SW. 2006. Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie. *Applied and Environmental Microbiology*. 72(7):5083-5085. <https://doi.org/10.1128/AEM.00312-06>
- Pietilä P. 2013. Diversity of the water supply and sanitation sector: roles of municipalities in Europe. Katko TS, Juuti PS, Schwartz K, Rajala RP, editors. In *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing. pp. 99-111.
- Behailu BM. 2015. Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia. In *Dry Toilet 2015: 5th International Dry Toilet Conference*.
- 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>
- O'Neill M 2015. Ecological Sanitation - A Logical Choice? The Development of the Sanitation Institution in a World Society. Tampere University of Technology. 236 p. (Tampere University of Technology. Publication).
- 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>
- Länsivaara T. 2018. Editorial. *Environmental Geotechnics*. 5(6). <https://doi.org/10.1680/jenge.2018.5.6.309>
- Katko T. 2011. Editorial. Central role of water in society and community. *Ympäristöhistoria: Finnish Journal of Environmental History*. 1(2):8-11.
- Juuti PS, Katko TS, Vinnari EM. 2010. Editorial Note: "Pasts and Futures of Water". *Environment and History*. 16(a):167-171. <https://doi.org/10.3197/096734010X12699419057214>
- 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. 2012. Education, Research and Capacity Building for Water Services. Paper presented at UNESCO Chair in Sustainable Water Services (UNECWAS) seminar 2012, 20.9.2012, Tampere, Finland, .

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>

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

Koskue V, Rinta-Kanto J, Ledezma P, Freguia S, Kokko M. 2019. Effect of HRT on nitrogen recovery from real reject water in a 3-chamber bioelectroconcentration cell. Paper presented at ISMET 7, Okinawa, Japan.

Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene E, Lens PNL. 2017. Effect of N/S ratio on anoxic sulfide oxidizing bioreactors. Paper presented at Biotechniques 2017, La Coruña, Spain.

Rozsak J, Catalán J, Järventaus H, Lindberg HK, Suhonen S, Vippola M, Stepnik M, Norppa H. 2016. Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells. *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*. 805:7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

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

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

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>

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

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

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>

Heino O, Anttiroiko A-V. 2014. Enabling and Integrative Infrastructure Policy: The Role of Inverse Infrastructures in Local Infrastructure Provision with Special Reference to Finnish Water Cooperatives. MPRA. (MPRA Paper; 60276).

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

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

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>

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

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

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

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

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

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

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.

Envall J, Janhunen P, Toivanen P, Pajusalu M, Ilbis E, Kalde J, Averin M, Kuuste H, Laizans K, Allik V, Rauhala T, Seppänen H, Kiprich S, Ukkonen J, Haeggström E, Kalvas T, Tarvainen O, Kauppinen J, Nuottajärvi A, Koivisto H. 2014. E-sail test payload of the ESTCube-1 nanosatellite. Proceedings of the Estonian Academy of Sciences. 63(2S):210-221. <https://doi.org/10.3176/proc.2014.2S.02>

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

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>

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

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

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

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

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

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

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

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.

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

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

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.

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>

Luonsi A 2010. Fate of dissolved organic matter in softwood element-chlorine-free bleached kraft mill fiberline. Tampere: Tampere University of Technology. (Tampereen teknillinen yliopisto. Julkaisu).

Laera A 2019. Fate of trace elements during and after anaerobic digestion: a sequential extraction method and DGT technique to assess bio-accessible trace elements in digestate. Tampere University. (Tampere University Dissertations).

Pääkkönen A 2019. Feasibility of Flexible Biomass Utilization in Energy Systems. Tampere University. 80 p. (Tampere University Dissertations).

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

Barreca D, Carraro G, Gasparotto A, Maccato C, Warwick MEA, Kaunisto K, Sada C, Turner S, Gönüllü Y, Ruoko T-P, Borgese L, Bontempi E, Van Tendeloo G, Lemmetyinen H, Mathur S. 2015. Fe₂O₃-TiO₂ Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation. Advanced Materials Interfaces. 2(17). <https://doi.org/10.1002/admi.201500313>

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

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.

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

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

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

Nieminen E, Virtanen J, inventors. Flotaatiokennon injektorin diffuusori. Patent No. WO 2007/042619 A1.

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

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

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

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

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

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

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

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

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

- Rajala RP, Juuti PS, Katko TS. 2019. Genesis of Water supply and sanitation services in Finland. *Ympäristöhistoria: Finnish Journal of Environmental History*. 8(1):18-28.
- Karvinen R, Karvinen T. 2010. Geometry of plate fins for maximizing heat transfer. In 14th International Heat Transfer Conference IHTC-14, August 8-13, 2010, Washington DC, USA. ASME. pp. 1-10.
- Leppänen M. 2013. Geo + Ympäristö = Ympäristögeotekniikka?. *Geofoor*. (39):6-7.
- Seppälä O, Katko TS. 2013. Gestao e organizacao dos servicos de saneamento : Abordagens europeias. Heller L, Esteban Castro J, editors. In *Politica publica e gestao de servicos de saneamento*. Belo Horizonte; Rio de Janeiro: Editora da Universidade Federal de Minas Gerais (UFMG); Editora Fiocruz. pp. 135-155.
- 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>
- Katko TS. 2017. Global challenges and role of institutions in water services. *Econetin asiakaslehti AQ*. (1):15.
- Juuti PS, Katko TS, Mäki HR, Nyanchaga EN, Rautanen S-L, Vuorinen HS, ed. 2007. *Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland*. Unknown Publisher.
- Kurki V, Katko TS. 2015. Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a Finnish water supply project. *Water Alternatives*. 8(3):337-351.
- Salunke J, Durandin N, Ruoko T-P, Rafael Candeias N, Vivo P, Vuorimaa-Laukkanen E, Laaksonen T, Priimägi A. 2018. Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. *Scientific Reports*. 8. <https://doi.org/10.1038/s41598-018-32830-3>
- Heino O, Takala A. 2013. Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään. *Kunnallistieteellinen Aikakauskirja*. 41(3):226-245.
- Katko TS 2013. *Hanaa! Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys*. Helsinki: Suomen Vesilaitosyhdistys ry. 501 p.
- Juuti PS, Katko TS. 2005. Häätä ei häviä käymälöitä poistamalla. www.huussi.net. 7 s.
- Halinen A-K 2015. *Heap Bioleaching of Low-grade Multimetal Sulphidic Ore in Boreal Conditions*. Tampere University of Technology. 71 p. (Tampere University of Technology. Publication).
- Heino O, Takala A. 2013. Heikot signaalit vesihuollossa. *Vesitalous*. (4):29-31.
- 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.
- Möllmann A, Gedamu D, Vivo P, Frohnhoven R, Stadler D, Fischer T, Ka I, Steinhorst M, Nechache R, Rosei F, Cloutier SG, Kirchartz T, Mathur S. 2019. Highly compact TiO₂ films by spray pyrolysis and application in perovskite solar cells. *Advanced Engineering Materials*. 21(4). <https://doi.org/10.1002/adem.201801196>
- Frankberg EJ, Kalikka J, Ferré FG, Joly-Pottuz L, Salminen T, Hintikka J, Hokka M, Koneti S, Douillard T, Le Saint B, Kreiml P, Cordill MJ, Epicier T, Stauffer D, Vanazzi M, Roiban L, Akola J, Fonzo FD, Levänen E, Masenelli-Varlot K. 2019. Highly ductile amorphous oxide at room temperature and high strain rate. *Science*. 366(6467):864-869. <https://doi.org/10.1126/science.aav1254>

Singh S 2019. High rate anaerobic treatment of LCFA-containing wastewater at low temperature. Tampere University. 139 p. (Tampere University Dissertations).

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

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>

Juuti P 2017. Historian hajusta tuoksujen tulevaisuuteen: pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta. Tampere University Press. 280 p. https://doi.org/10.26530/OAPEN_628607

Katko TS. 2017. Historian hajusta tuoksujen tulevaisuuteen: Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta. Tampere: TamPub. 1 p.

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

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

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

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

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.

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>

Khanongnuch R 2019. Hydrogen sulfide removal from synthetic biogas using anoxic biofilm reactors. Tampere University. 187 p. (Tampere University Dissertations).

Lakaniemi A-M, Nevatalo LM, Kaksonen AH, Puhakka JA. 2007. Hydrolysed cellulose material as sulfate reduction electron donor to treat metal- and sulfate containing waste water. *Advanced Materials Research*. 20-21:326-326. <https://doi.org/10.4028/www.scientific.net/AMR.20-21.326>

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>

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

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

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

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

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

Juuti P, Katko T. 2007. Ilmasto muuttuu, riittääkö vesi?. Aamulehti.

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>

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

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>

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

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>

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

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

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

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.

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.

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>

Vivo P, Ojanperä A, Smått J-H, Sänden S, Hashmi SG, Kaunisto K, Ihalainen P, Masood MT, Österbacka R, Lund PD, Lemmetyinen H. 2017. Influence of 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>

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>

Sormunen A, Kannianen 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>

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

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

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

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

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

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>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.

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

Laukka A, Heino O, Valkama P, Salonen A 2013. Kyläyhteisöt palvelukulutuksen alustana. Tampere: Maaseutupolitiikan yhteistyöryhmä, YTR. 16 p. (Maaseutupolitiikan yhteistyöryhmän julkaisuja; 6).

Valkama P, Heino O, Salonen A, Laukka A 2013. Kylien palvelutuotantoedellytyksistä erityisesti julkisten palvelujen näkökulmasta tarkasteltuna. Tampere: Maaseutupolitiikan yhteistyöryhmä, YTR. 9 p. (Maaseutupolitiikan yhteistyöryhmän julkaisuja; 6).

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

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

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

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

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>

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

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

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

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

- 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.
- Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene ER, Lens P. 2019. Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions. *Environmental Science: Water Research & Technology*. 5(6):1072-1081. <https://doi.org/10.1039/C9EW00220K>
- Hashmi SG, Tiihonen A, Martineau D, Özkan M, Vivo P, Kaunisto K, Vainio U, Zakeeruddin SM, Grätzel M. 2017. Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking. *Journal of Materials Chemistry A*. 5(10):4797-4802. <https://doi.org/10.1039/C6TA10605F>
- Juuti PS, Katko TS. 2005. Long-term strategic decisions in 13 countries and 29 cities. Juuti PS, Katko TS, editors. In *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. pp. 50-72.
- 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>
- Juuti PS, Rajala R. 2009. Loppuluku – haasteita riittää tulevaisuuteen. Juuti P, Rajala R, editors. In *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. pp. 131-144.
- Tao R, Bair R, Pickett M, Calabria JL, Lakaniemi A-M, van Hullebusch ED, Rintala JA, Yeh DH. 2020. Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor. *Environmental Technology*. <https://doi.org/10.1080/09593330.2020.1752813>
- Tuhkanen T. 2011. L'oxydation chimique pour la remediation des sols contamines par des composes recalcitrants. Cas de la chlordecone. In *Remediation a la pollution par la chlordecone aux Antilles*, No 9-10, Avril 2011. Le Lamentin. pp. 8-11. (Les Cahiers du PRAM).
- 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>
- Katko T. 2011. Lyhyestä tiede kaunis?. *Tiedepolitiikka*. 36(2):55-55.
- 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>
- Hukka JJ, Katko TS, Pietilä PE, Vinnari E. 2007. Managing water and sewerage services in a cold, four-seasons climate. In *Proceedings of the 8th ISCORD Symposium*, Tampere, Finland, September 25-27, 2007. pp. 17-18.
- Stenroos M, Katko TS. 2011. Managing water supply through joint regional municipal authorities in Finland: Two comparative cases. *Water*. 3(2):667-681. <https://doi.org/10.3390/w3020667>
- Korpinen L, Kuisti H, Tarao H, Pääkkönen R. 2012. Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations. In *PIERS 2012 Moscow Proceedings*, August 19-23, 2012, Moscow, Russia. Electromagnetics Academy. pp. 282-285. (Progress in Electromagnetics Research Symposium).
- Liimatainen H. 2020. Measures for Energy Efficient and Low Emission Private Mobility. In *Affordable and Clean Energy. Encyclopedia of the UN Sustainable Development Goals*. Springer. (Encyclopedia of the UN Sustainable Development Goals). https://doi.org/10.1007/978-3-319-71057-0_57-1

- Sormunen LA, Kolisoja P. 2018. Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content. *Road Materials and Pavement Design* . 19(2):252-270. <https://doi.org/10.1080/14680629.2016.1251960>
- 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.
- Auvinen K, Maanavilja L, Seppälä J, Sankelo P, Mäkinen J, Sarkkola S, Helonheimo T, Saikku L, Lounasheimo J, Riekkinen V 2020. Merkittävimmät päästövähennystoimet ilmastonmuutoksen hillitsemiseksi. Suomen ympäristökeskus (SYKE). 4 p.
- 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>
- Nancharaiah YV, Venkata Mohan S, Lens PNL. 2015. Metals removal and recovery in bioelectrochemical systems: A review. *Bioresource Technology*. 195:102-114. <https://doi.org/10.1016/j.biortech.2015.06.058>
- Välisalo T, Heino O, Luomanen T. 2012. Metering the quality of water supply and sewage network maintenance services. In 2012 IFME World Congress on Municipal Engineering. Sustainable Communities, June 4-10, Helsinki, Finland. International Federation of Municipal Engineering IFME. pp. 1-9. (International Federation of Municipal Engineering World Congress).
- Maanoja ST, Rintala JA. 2015. Methane oxidation potential of boreal landfill cover materials: The governing factors and enhancement by nutrient manipulation. *Waste Management*. 46:399-407. <https://doi.org/10.1016/j.wasman.2015.08.011>
- Rissanen AJ, Ojala A, Dernjatin M, Jaakkola J, Tiirola M. 2016. Methylophaga and Hyphomicrobium can be used as target genera in monitoring saline water methanol-utilizing denitrification. *Journal of Industrial Microbiology and Biotechnology*. 1-11. <https://doi.org/10.1007/s10295-016-1839-2>
- Rissanen AJ, Ojala A, Fred T, Toivonen J, Tiirola M. 2016. Methylophilaceae and Hyphomicrobium as target taxonomic groups in monitoring the function of methanol-fed denitrification biofilters in municipal wastewater treatment plants. *Journal of Industrial Microbiology and Biotechnology*. 1-13. <https://doi.org/10.1007/s10295-016-1860-5>
- Juuti P, Rajala R, Katko T 2010. Metropoli ja meri. 100 vuotta jätevedenpuhdistusta Helsingissä. Helsinki: HSY Helsingin seudun ympäristöpalvelut. 158 p. (HSY:n julkaisuja).
- 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>
- Butti SK, Velvizhi G, Sulonen MLK, Haavisto JM, Oguz Koroglu E, Yusuf Cetinkaya A, Singh S, Arya D, Annie Modestra J, Vamsi Krishna K, Verma A, Ozkaya B, Lakaniemi A-M, Puhakka JA, Venkata Mohan S. 2016. Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling. *Renewable and Sustainable Energy Reviews*. 53:462-476. <https://doi.org/10.1016/j.rser.2015.08.058>
- 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>
- Juuti P, Rajala R. 2010. Mihin jätevedenpuhdistusta tarvitaan?. Juuti P, Rajala R, Katko T, editors. In *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. pp. 13-35.

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

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

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

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.

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

Mattinen M, Heljo J 2016. Modeling of Finnish building sector energy consumption and greenhouse gas emission: specification of POLIREM policy scenario model. *Suomen ympäristökeskus*. 23 p. (Reports of the Finnish Environment Institute; 26/2016).

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.

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

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

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

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>

Saari A. 2016. Näkökulma-kolumni: Putkiremontit kestävät aivan liian kauan. *Sanoma Talotekniikkajulkaisut Oy*.

Vinha J. 2015. Näkökulma: Malti on valttia Suomellekin nollaenergiatavoitteita asetettaessa. *Rakennuslehti*. (6).

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

Lahti J. 2013. Nanoscale Surface Processing of Extrusion Coated Substrates with Atmospheric Plasma Technology. Paper presented at 14th TAPPI. European Place Conference 6-8 May 2013 Swissotel Dresden, Germa, .

- Rajala R, Juuti P, Nealer E. 2019. Nature and extent of potable water consumption in Tampere (Finland) and Carletonville (South Africa). In *Resilient Water Services and Systems: The Foundation of Well-Being*. IWA Publishing. pp. 149-162.
- Behailu BM, Mattila H. 2016. Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. Nenonen S, Junnonen J-M, editors. In *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology. pp. 431-440.
- Kurki V 2016. *Negotiating Groundwater Governance: Lessons from Contentious Aquifer Recharge Projects*. Tampere University of Technology. 76 p. (Tampere University of Technology. Publication).
- Kurki V. 2016. Negotiating water governance: towards cooperation in contentious groundwater recharge projects. In *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering. pp. 91-102.
- Koskue V, Ledezma P, Freguia S, Kokko M. 2018. Nitrogen recovery from reject water in a 3-chamber bioelectroconcentration cell. Paper presented at EU-ISMET 2018, Newcastle upon Tyne, United Kingdom.
- 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>
- Tao R 2019. *Nutrient and organic matter removal from wastewaters with microalgae*. Tampere University. 153 p. (Tampere University Dissertations).
- 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>
- 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>
- Korpinen L, Kuisti HA, Tarao H, Elovaara JA. 2012. Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks. *Bioelectromagnetics*. 33(5):438-442. <https://doi.org/10.1002/bem.21711>
- Korpinen L, Elovaara JA, Kuisti HA. 2011. Occupational exposure to electric fields and induced currents associated with 400 kV substation tasks from different service platforms. *Bioelectromagnetics*. 79-83. <https://doi.org/10.1002/bem.20612>
- Pääkkönen R, Tarao H, Gobba F, Korpinen L. 2012. Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work. In *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Electromagnetics Academy. pp. 823-825. (Progress in Electromagnetics Research Symposium).
- Katko TS. 2013. Opening of the seminar. Paper presented at 2nd UNECWAS SEMINAR, Tampere, Finland.
- White P, Rautanen S-L, Nepal PR. 2017. Operationalising the right to water and sanitation and gender equality via appropriate technology in rural Nepal. Garrido Villareal M, editor. In *Human Rights and Technology*. Costa Rica: University of Peace, Costa Rica. pp. 217-239.
- Heino O, Anttiroiko A-V. 2014. Osuuskunnat mukaan infrastruktuuripolitiikkaan. *Osuustoiminta*. 105(5):54-54.
- Juuti P, Rajala R. 2010. Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo. Juuti P, Rajala R, Katko T, editors. In *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. pp. 91-113.

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

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

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

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

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

Lahti J, Kuusipalo J. 2010. Paperinjalostus- ja pakkaustekniikan tutkimusyksikkö uudistaa kurssitarjontaa. *Anturi*. (5):1-1.

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

Heino O 2016. Paradigman jäljillä: Tutkimus vesihuollon ajattelumalleista. Tampere: Tampere University of Technology. 111 p. (Tampere University of Technology. Publication).

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>

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

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

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

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

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

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

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

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

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.

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.

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

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>

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

Aalto P, Harsia P, Heljo V, Holttinen H, Jaakkola I, Järventausta P, Kirkinen J, Kojo M, Konttinen J, Oksa AM, Rönkkö T, Sorri J, Toivanen P. 2016. Pohjoismaiden energiapolitiikka 2030: Hiilineutraalimpaan energiajärjestelmään osin yhdessä, osin eri polkuja pitkin . (EL-TRAN analyysi).

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

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

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>

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

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

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

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

Marjakangas J 2015. Production of Oleaginous Microbial Biomass by Reusing Wastewaters. Tampere University of Technology. 58 p. (Tampere University of Technology. Publication).

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

Warwick MEA, Barreca D, Bontempi E, Carraro G, Gasparotto A, Maccato C, Kaunisto K, Ruoko T-P, Lemmetyinen H, Sada C, Goenuellue Y, Mathur S. 2015. Pt-functionalized 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>

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

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>

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

Kylliäinen M 2019. Rating the impact sound insulation of concrete floors with single-number quantities based on a psychoacoustic experiment. Tampere University. 80 p. (Tampere University Dissertations).

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

Nancharaiyah YV, Venkata Mohan S, Lens PNL. 2016. Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems. *Bioresource Technology*. 215:173-185. <https://doi.org/10.1016/j.biortech.2016.03.129>

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>

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>

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

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

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

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

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>

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

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

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

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

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

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>

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

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

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

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.

Behailu BM 2016. *Rural Water and Sanitation: Community Managed Project Approach for Sustainability in Ethiopia*. Tampere University of Technology. 77 p. (Tampere University of Technology. Publication).

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

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

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

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

Korpinen L, Alanko T 2011. Sähkö- ja elektroniikkateollisuuden ympäristökysymykset. Tampereen teknillinen yliopisto. 120 p. (Tampereen teknillinen yliopisto, Energia- ja prosessiteknikan laitos, Opintomoniste).

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

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

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

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

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

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

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>

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

Juuti PS, Antoniou GP, Dragoni W, El-Gohary F, De Feo G, Katko TS, Rajala RP, Zheng XY, Drusiani R, Angelakis AN. 2015. Short Global History of Fountains. *Water*. 7(5):2314-2348. <https://doi.org/10.3390/w7052314>

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

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

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

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

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

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

Luomala H. 2016. Sleepers.

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

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

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

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

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

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>

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

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

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

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

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

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>

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

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

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>

Heljo J, Harsia P, Holttinen H, Aalto P, Björkqvist T, Järventausta P, Kaivo-oja J, Kojo M, Korpela T, Rautiainen A, Repo S, Ruostetsaari I, Sorri J. 2016. Tammikuun tehopiikki – mitä tapahtui 7.1.2016? Miten tehoa hallitaan paremmin jatkossa?. pp. 1-15. (EL-TRAN analyysi).

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

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

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

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

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

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

Kalliainen A, Haakana V, Korhonen M, Mäkinen J, Kolisoja P. 2016. Teräsrumpujen uudet korjausmenetelmät: Halkaistu sisäputki, puolipohjaus ja pohjan betonointi. *Liikennevirasto*. 70 p. (Liikenneviraston tutkimuksia ja selvityksiä).

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

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>

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

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>

Katko TS. 2014. The Challenge of Aging Infrastructure, Aging Staff and Reflections for Education and Research. Paper presented at 3rd UNECWAS Seminar "Water Services in Development and Society", .

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.

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

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

Pakkala T, Lemberg A-M, Lahdensivu J. 2016. The effect of climate change on freeze-thaw durability of concrete structures in Finland. Paper presented at OCEANEXT : Interdisciplinary Conference, .

Pohjola J, Turunen J, Lipping T. 2017. The effect of lake bottom sediment layers on radionuclide transport from bedrock to biosphere and doses to humans. Paper presented at 4th International Conference on Radioecology & Environmental Radioactivity, Berlin, Germany.

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

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

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>

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*.

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

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

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

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

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

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

Katko TS. 1994. The need for "champions" in rural water supply. *Waterlines*. 12(3): 19-22.

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

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

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>

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

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

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*. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science. pp. 119-123. (EAEEIE Annual Conference).

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

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

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

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

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>

Koskue V, Ledezma P, Freguia S, Kokko M. 2019. Towards enhanced nutrient recovery, biogas production and upgrading through AD and BES integration. Paper presented at 16th IWA World Conference on Anaerobic Digestion, Delft, Netherlands.

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>

Khanongnuch R, Di Capua F, Lakaniemi A-M, Rene ER, 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>

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

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

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

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

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

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.

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

Luomala H. 2016. Tutkimusohjelma Elinkaaritehokas RAta (TERA): Kokonaisvaltainen ote ratarakennetutkimukseen.

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

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

Korpinen L 2011. Työntekijöiden altistuminen sähkö- ja magneettikentille 110 kV sähköasemien työtehtävissä. Tampereen teknillinen yliopisto. 62 p. (Tampereen teknillinen yliopisto. Energia- ja prosessiteknikan laitos. Raportti).

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

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.ijsbe.2017.10.002>

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

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.

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

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

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>

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

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

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>

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 Amyolytic Lactic Acid Bacterium *Enterococcus faecium* K-1. Applied Biochemistry and Biotechnology. <https://doi.org/10.1007/s12010-020-03314-w>

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

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

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

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

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

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

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

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

Katko T. 2013. Vanhuus uhkaa vesihuoltoa. Aamulehti. B16-B16.

Warwick MEA, Kaunisto K, Barreca D, Carraro G, Gasparotto A, Maccato C, Bontempi E, Sada C, Ruoko T-P, Turner S, Van Tendeloo G. 2015. Vapor phase processing of 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>