

Hautamäki, I. et al. *5th IWHA Conference. Tampere Finland 2007. Pasts and Futures of Water. University of Tampere 13-17 June 2007* Unknown Publisher. 2007.

Honkanen, Mari et al. "Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging". *Applied Catalysis B-Environmental*. 2016, 439-448. <https://doi.org/10.1016/j.apcatb.2015.09.054>

Leppänen, Minna M. and Pirjo Kuula *Acceptability of contaminated soils and waste materials in landfill structures*. 2016.

Rautanen, Sanna-Leena *Access to Water? Dynamic Capacity Change for Sustainable Rural Water and Sanitation Services for All* Tampere University of Technology. Publication. Tampere University of Technology. 2016.

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

Singh, Suniti et al. "Acetotrophic Activity Facilitates Methanogenesis from LCFA at Low Temperatures: Screening from Mesophilic Inocula". *ARCHAEA*. 2019. 2019. <https://doi.org/10.1155/2019/1751783>

Tuovinen, Olli H. et al. "Acid Leaching of Cu and Zn from a Smelter Slag with a Bacterial Consortium". *Advanced Materials Research*. 2015, 1130. 660-663. <https://doi.org/10.4028/www.scientific.net/AMR.1130.660>

Korpinen, Leena et al. "A comparison of occupational electric field exposures during working tasks at 400 kV and 110 kV substations". *Proceedings - 7th International Workshop on Biological Effects of Electromagnetic Fields, 7th IWSBEMF, 8 - 12 October 2012, Valletta, Malta*. International Workshop on Biological Effects of Electromagnetic Fields. Electromagnetic Research Group - EMRG (Malta); Department of Physics, University of Malta. 2012.

Suomalainen, Piia, Leena Korpinen and Rauno Pääkkönen. "A comparison of the usability of a laptop, communicator, and handheld computer". *Journal of Usability Studies*. 2010, 5(3). 111-123.

Timonen, Hilikka et al. "Adaptation of Black Carbon Footprint concept would accelerate mitigation of global warming". *Environmental Science and Technology*. 2019, 53(21). 12153-12155. <https://doi.org/10.1021/acs.est.9b05586>

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

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

Stepien, M. et al. "Adjustable hydrophilicity and hydrophobicity on paperboard by liquid flame spray process". *2010 TAPPI Advanced Coating Fundamentals Symposium, October 11-13, 2010, Munich, Germany*. 2010, 6 p.

Stepien, Milena et al. "Adjustable wettability of paperboard by liquid flame spray nanoparticle deposition". *Applied Surface Science*. 2011, 257(6). 1911-1917. <https://doi.org/10.1016/j.apsusc.2010.09.025>

Maharaj, Bikash *ADM1 Based Mathematical Models For Assessing The Effect Of Trace Elements Dynamics On Solid Waste Anaerobic Digestion* Tampere University. 2019.

Vinha, Juha et al. "Airtightness of residential buildings in Finland". *Building and Environment*. 2015, 93(P2). 128-140. <https://doi.org/10.1016/j.buildenv.2015.06.011>

Kylliäinen, Mikko et al. "A laboratory listening experiment on subjective and objective rating of impact sound insulation of concrete floors". *Proceedings of the INTER-NOISE 2016, 45th International Congress on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany*. Hamburg: German Acoustical Society (DEGA). 2016, 894-902.

Luomala, Heikki , *Älypölkky, radan monitorointi, kreosoottipölkyn korvaavat vaihtoehdot*, 2016.

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

Kokko, Lauri *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 University of Technology. Publication. Tampere: Tampere University of Technology. 2014.

Tampio, Elina et al. "Anaerobic digestion of autoclaved and untreated food waste". *Waste Management*. 2014, 34(2). 370-377. <https://doi.org/10.1016/j.wasman.2013.10.024>

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

Österholm, Lari et al. "An example of exposure to magnetic fields in the home". *Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea*. 2010, 1-2.

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

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

Ojala, Niko *Application oriented wear testing of wear resistant steels in mining industry*. 2016.

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

Korpela, Matti T. et al. "A recombinant Escherichia coli sensor strain for the detection of tetracyclines". *Analytical Chemistry*. 1998, 70(21). 4457-4462. <https://doi.org/10.1021/ac980740e>

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

Soinne, Helena et al. "Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?". *Science of the Total Environment*. 2020. 731. <https://doi.org/10.1016/j.scitotenv.2020.138955>

Parviainen, Annika et al. "Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland". *Earth-Science Reviews*. 2015, 150. 709-723. <https://doi.org/10.1016/j.earscirev.2015.09.009>

Rajala, Riikka "Asiakkaat, verkostot ja henkilöstö", Juuti, Petri and Katko, Tapio Louekari, Sami Rajala, Riikka (editors). *Näkymätönt Porri: Porin Veden historia*. TamPub. 2010, 370-491.

Tarvainen, Timo et al. *ASROCKS-Hankkeen heikkouuttomenetelmien vertailu* GEOLOGIAN TUTKIMUSKESKUS. 2014.

Ciranna, Alessandro et al. "Assessment of metabolic flux distribution in the thermophilic hydrogen producer *Caloramator celer* as affected by external pH and hydrogen partial pressure". *Microbial Cell Factories*. 2014. 13(1). <https://doi.org/10.1186/1475-2859-13-48>

Szabó, Hilda Márta *Assessment of the Analytical Potential of HPLC-SEC for the Characterization of DOM and Nutrients in Various Types of Water* Tampere University Dissertations. Tampere University. 2020.

Rajala, Riikka and Jarmo Hukka. "Asset Life Cycle Management in Finnish Water Utilities". *JOURNAL OF WATER RESOURCE AND PROTECTION*. 2018, 10(6). 587-595. <https://doi.org/10.4236/jwarp.2018.106033>

Katko, Tapio "Asteittain kohti keskitettyä jätevedenpuhdistusta", Juuti, Petri and Katko, Tapio Louekari, Sami Rajala, Riikka (editors). *Näkymätönt Porri. Porin Veden historia*. 2010, 312-369.

Grigonyte, J. et al. "A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion". *European Aerosol Conference 2015: EAC 2015, Milan, Italy*. 2015.

Tolvanen, Henrik, Tiina Keipi and Risto Raiko. "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*. 2016, 176. 153-164. <https://doi.org/10.1016/j.fuel.2016.02.071>

Nikkola, Juha et al. "Atmospheric plasma enhanced hybrid barrier films through reel-to-reel process". *ICNP-2010, Second International Conference on Natural Polymers, Bio-Polymers, Bio-Materials, their Composites, Blends, IPNs and Gels Polyelectrolytes and Gels: Macro to Nano Scales, September 24-26, 2010, Espoo, Finland*. 2010, 1-11.

Seppälä, Jyri et al. *Autolaskurin käyttöopas ja laskennan perusteet* 2019 udg. Suomen ilmastopaneeli. 2019.

Rinta-Kanto, Johanna M. et al. "Bacterial community transcription patterns during a marine phytoplankton bloom". *Environmental Microbiology*. 2012, 14(1). 228-239. <https://doi.org/10.1111/j.1462-2920.2011.02602.x>

Kaarela, Outi E. et al. "Bacterial diversity and active biomass in full-scale granular activated carbon filters operated at low water temperatures". *Environmental Technology*. 2014, 681-692. <https://doi.org/10.1080/09593330.2014.958542>

Luomala, Heikki , *Ballast bed*, 2016.

Lahdensivu, Jukka et al. *Betonielementtien uudelleenkäyttömahdollisuudet* Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka. Tutkimusraportti. Tampere: Tampereen teknillinen yliopisto. Rakennustekniikan laitos. 2015.

Köliö, Arto et al. *Betonirakenteiden korjausohjeet 2016, by 41* Suomen Betoniyhdistys r.y. 2016.

Kurki, Vuokko O., Tapio S. Katko and Pekka E. Pietilä. "Bilateral collaboration in municipal water and wastewater services in Finland". *Water*. 2010, 2(4). 815-825. <https://doi.org/10.3390/w2040815>

Wongrod, Suchanya *Biochars from solid digestates as sorbing materials for metal(loid)s removal from water* Tampere University Dissertations. Tampere University. 2019.

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

Palmroth, Marja R.T. et al. "Biofiltration of odours in dry toilet air". Malhautier, Luc (ed.). *Biotechniques for air pollution control and bioenergy*. Paris: Presses des MINES. 2013, 291-297.

Lakaniemi, Aino-Maija et al. "Biogenic hydrogen and methane production from *Chlorella vulgaris* and *Dunaliella tertiolecta* biomass". *Biotechnology for Biofuels*. 2011, 4(1). 1-12. <https://doi.org/10.1186/1754-6834-4-34>

Lakaniemi, Aino-Maija et al. "Biogenic hydrogen and methane production from reed canary grass". *Biomass & Bioenergy*. 2011, 35(2). 773-780. <https://doi.org/10.1016/j.biombioe.2010.10.032>

Maanoja, Susanna, Marja Palmroth, and Jukka Rintala "Biological methane oxidation in landfill cover soil - constrained by concurrent decomposition processes and sulphide oxidation?". Luc, Malhautier (ed.). *Biotechniques for air pollution control and bioenergy*. Paris: Presses des MINES. 2013, 65-72.

Zou, Gang *Biological Nitrogen Removal from Acidic, Heavy-metal Containing Waters* Tampere University of Technology. Publication. Tampere: Tampere University of Technology. 2015.

Raghuwanshi, Sanjeev et al. "Bioprocessing of enhanced cellulase production from a mutant of *Trichoderma asperellum* RCK2011 and its application in hydrolysis of cellulose". *Fuel*. 2014, 124. 183-189. <https://doi.org/10.1016/j.fuel.2014.01.107>

Chakraborty, Samayita *Biovalorisation of liquid and gaseous effluents of oil refinery and petrochemical industry* Tampere University Dissertations. Tampere University. 2019.

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

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

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

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

Tarao, H. et al. "Calculation of Induced Electric Fields in Human Models Exposed to ELF Magnetic and Electric Fields"., Gockenbach, Ernst, Eichler, Christian, Mohsen, Farahani Fischer, Markus Gratz, Olaf Pham, Khoi Zhang, Xiang (editors). *ISH 2011, 17th International Symposium on High Voltage Engineering, August 22-26, 2011, Hannover, Germany*. International Symposium on High Voltage Engineering ISH. Hannover: Leibnitz Universität Hannover. 2011, 44-44.

Sippola, Roosa J. et al. "Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties". *Dyes and Pigments*. 2017, 150. 79-88. <https://doi.org/10.1016/j.dyepig.2017.11.014>

Korpinen, Leena et al. "Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines". *PACE: Pacing and Clinical Electrophysiology*. 2012, 35(4). 422-430. <https://doi.org/10.1111/j.1540-8159.2011.03327.x>

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

Perander, M. et al. "Catalytic effect of Ca and K on CO<sub>2</sub> gasification of spruce wood char". *Fuel*. 2015, 150. 464-472. <https://doi.org/10.1016/j.fuel.2015.02.062>

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

Leppänen, Aino et al. "CFD-modeling of fume formation in kraft recovery boilers". *TAPPI Journal*. 2013, 12(3). 25-32.

Leppänen, Aino et al. "CFD-Modeling of Fume Formation in Kraft Recovery Boilers". *TAPPI PEERS Conference Proceedings 14.-18.10.2012, Savannah, USA*. TAPPI PEERS Conference. TAPPI. 2012.

Heino, Ossi A., Annina J. Takala, and Tapio S. Katko. "Challenges to Finnish water and wastewater services in the next 20-30 years". *E-Water*. 2011, 1-20.

Vehmas, J. et al. "Changing energy production structures and CO<sub>2</sub> emissions in the ASEAN countries: Decomposition analysis of drivers behind the changes". *International Conference on Energy Security and Climate Change: Issues, Strategies, and Options (ESCC 2008). 6-8 August 2008, Bangkok, Thailand*. 2008, 5 p.

Tampio, Elina, Satu Ervasti, and Jukka Rintala. "Characteristics and agronomic usability of digestates from laboratory digesters treating food waste and autoclaved food waste". *Journal of Cleaner Production*. 2015, 94. 86-92. <https://doi.org/10.1016/j.jclepro.2015.01.086>

Mönkäre, Tiina *Characterization and biological stabilization of fine fraction from landfill mining* Tampere University of Technology. Publication. Tampere University of Technology. 2018.

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

Mönkäre, Tiina J., Marja R. T. Palmroth, and Jukka A. Rintala. "Characterization of fine fraction mined from two Finnish landfills". *Waste Management*. 2016, 47A. 34-39. <https://doi.org/10.1016/j.wasman.2015.02.034>

Järvinen, Anssi et al. *Chasing measurements for real-world emissions of city buses*. 2017.

Liimatainen, Heikki, Markus Pöllänen, and Riku Viri. "CO<sub>2</sub> reduction costs and benefits in transport: socio-technical scenarios". *European Journal of Futures Research*. 2018. 2018(6:22). <https://doi.org/10.1186/s40309-018-0151-y>

Rodriguez Avila, Milena et al. "Coal char combustion in O<sub>2</sub>/N<sub>2</sub> and O<sub>2</sub>/CO<sub>2</sub> conditions in a drop tube reactor: an optical study". *Industrial Combustion*. 2012, 1-22.

Sormunen, Laura Annika et al. "Combining mineral fractions of recovered MSWI bottom ash: improvement for utilization in civil engineering structures". *Waste and Biomass Valorization*. 2016. <https://doi.org/10.1007/s12649-016-9656-4>

Koivisto, K. et al. "Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice". *Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May*. Reykjavik: Icelandic Geotechnical Society. 2016.

Juuti, Petri S. and Tapio S. Katko "Comparative analysis and discussion". and Juuti, Petri S. Katko, Tapio S. (editors). *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005, 219-240.

Kokko, Lauri et al. "Comparing the energy required for fine grinding torrefied and fast heat treated pine". *Biomass & Bioenergy*. 2012, 42(Jul). 219-223. <https://doi.org/10.1016/j.biombioe.2012.03.008>

Korpinen, Leena, Sirke Lahtinen and Fabriziomaria Gobba "Comparison between the Occupational ELF magnetic field exposure in Finland and in Italy". *10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy*. International Conference European Bioelectromagnetics Association. Rome: European Bioelectromagnetics Association. 2011, 2 p.

Leivo, Virpi et al. "Comparison of air pressure difference, air change rates, and CO2 concentrations in apartment buildings before and after energy retrofits". *Building and Environment*. 2017, 120. 85-92. <https://doi.org/10.1016/j.buildenv.2017.05.002>

Behailu, Beshah M. et al. "Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia". *African Journal of Environmental Science and Technology*. 2016, 10(9). 292-306. <https://doi.org/10.5897/AJEST2016.2132>

Lappalainen, Juha O. et al. "Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and *Vibrio fischeri* toxicity test". *Environmental Toxicology*. 2000, 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, Rauno et al. "Comparison the portable service platforms influence to electric field exposure at 110 kV substations". *The Bioelectromagnetics Society 34th Annual Meeting, June 17, 2012 - June 22, 2012, Brisbane, Australia*. The Bioelectromagnetics Society Annual Meeting. The Bioelectromagnetics Society. 2012, 215-217.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Conclusions". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 259-262.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Conclusions". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 501-506.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Conclusions". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 93-96.

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

Mal, Joyabrata et al. "Continuous removal and recovery of tellurium in an upflow anaerobic granular sludge bed reactor". *Journal of Hazardous Materials*. 2017, 327. 79-88. <https://doi.org/10.1016/j.jhazmat.2016.12.052>

Gogoi, Manashjit et al. "Conversion of Solid Waste into Functional Carbon Materials: A Review". *Energy and Environment Focus*. 2017, 6(1). 52-68. <https://doi.org/10.1166/eef.2017.1237>

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

Mangayil, Rahul et al. "Co-production of 1,3 propanediol and long-chain alkyl esters from crude glycerol". *New Biotechnology*. 2019, 53. 81-89. <https://doi.org/10.1016/j.nbt.2019.07.003>

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

Katko, T. S. "Dags att syna utmaningarna inom vattenförsörjningen". *Finlands Kommuntidning*. 2013, 19(8). 30-31.

Aalto, Sanni L. et al. "Denitrifying microbial communities along a boreal stream with varying land-use". *Aquatic Sciences*. 2019. 81(59). <https://doi.org/10.1007/s00027-019-0654-z>

Hiltunen, Arto et al. "Design aspects of all atomic layer deposited TiO<sub>2</sub>-Fe<sub>2</sub>O<sub>3</sub> scaffold-absorber photoanodes for water splitting". *Sustainable Energy & Fuels*. 2018, 2(9). 2124-2130. <https://doi.org/10.1039/C8SE00252E>

Tauriainen, S. M., M. P. J. Virta and M. T. Karp. "Detecting bioavailable toxic metals and metalloids from natural water samples using luminescent sensor bacteria". *Water Research*. 2000, 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, Olli , Tommi Rantala and Antti Nurmikolu "Deterioration mechanisms and life cycle of concrete monoblock railway sleepers in Finnish conditions". *WCRR 2016 Proceedings: 11th World congress on railway research, 29.5-2.6.2016, Milano*. 2016.

Pääkkönen, Anna et al. "Developing and testing characterization methods for droplet combustion - Part I". *Archivum Combustionis*. 2010, 30(4). 1-6.

Pääkkönen, Anna et al. "Developing and testing characterization methods for droplet compustion - part II". *9th European Conference on Industrial Furnaces and Boilers, Estoril, Portugal, 26-29 April, 2011*. European Conference on Industrial Furnaces and Boilers. Estoril: INFUB. 2011, 1-10.

Katko, Tapio S. and Antti Rautavaara "Developing community water services and cooperation in Finland and the South". and Griffiths, Jacqui Lambert, Rebecca (editors). *Free Flow - Researching Water Security Through Cooperation*. United Nations Educational, Scientific and Cultural Organization; Unesco Publishing; Tudor Rose. 2013, 240-244.

Du, Liuliu et al. "Development of an assessment protocol: the impact of energy retrofits on indoor environmental quality and public health in the existing building stock". *Healthy Buildings 2015 Europe (HB 2015)* . International Society for Indoor Air Quality and Climate . 2015.

Teisala, Hannu et al. "Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray". *Surface and Coatings Technology*. 2010, 205(2). 436-445. <https://doi.org/10.1016/j.surfcoat.2010.07.003>

Gielnik, Anna *Digestate valorization for bioremediation of petroleum hydrocarbons contaminated soils* Tampere University Dissertations. Tampere University. 2019.

Rinta-Kanto, Johanna M. and Steven W. Wilhelm. "Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie". *Applied and Environmental Microbiology*. 2006, 72(7). 5083-5085. <https://doi.org/10.1128/AEM.00312-06>

Pietilä, Pekka "Diversity of the water supply and sanitation sector: roles of municipalities in Europe"., Katko, Tapio S. and Juuti, Petri S. Schwartz, Klaas Rajala, Riikka P. (editors). *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing. 2013, 99-111.

Behailu, Beshah M. "Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia". *Dry Toilet 2015: 5th International Dry Toilet Conference*. 2015.

Blasco, Lucia et al. "Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters". *Anaerobe*. 2014, 29. 3-9. <https://doi.org/10.1016/j.anaerobe.2014.04.011>

O'Neill, Mia *Ecological Sanitation - A Logical Choice? The Development of the Sanitation Institution in a World Society* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

Keipi, Tiina, Henrik Tolvanen, and Jukka Konttinen. "Economic analysis of hydrogen production by methane thermal decomposition: Comparison to competing technologies". *Energy Conversion and Management*. 2018, 159. 264-273. <https://doi.org/10.1016/j.enconman.2017.12.063>

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

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

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

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

Katko, Tapio *Education, Research and Capacity Building for Water Services*. 2012.

Pärssinen, T., Hannu Eloranta and Pentti Saarenrinne. "Effect of geometrical parameters on vortex-induced vibration of a splitter plate". *Journal of Fluids Engineering: Transactions of the ASME*. 2009, 131(3, 031203). 1-9. <https://doi.org/10.1115/1.2844584>

Mal, J. et al. "Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge". *Bioresource Technology*. 2016, 206. 1-8. <https://doi.org/10.1016/j.biortech.2016.01.064>

Koskue, Veera et al. *Effect of HRT on nitrogen recovery from real reject water in a 3-chamber bioelectroconcentration cell* . 2019.

Khanongnuch, Ramita et al. *Effect of N/S ratio on anoxic sulfide oxidizing bioreactors*. 2017.

Roszak, Joanna et al. "Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells". *Mutation Research: Genetic Toxicology and Environmental Mutagenesis*. 2016, 805. 7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

Leppänen, Aino et al. "Effect of Temperature on Fume Formation and Deposition in Kraft Recovery Boilers - a Modeling Approach". and Nieminen, Markus Lampinen, Päivi (editors). *2014 International Chemical Recovery Conference, Proceedings - Volume 2*. Suomen Soodakattilayhdistys, The Finnish Recovery Boiler Committee; TAPPI. 2014, 38-47.

Tarao, Hiroo et al. "Effect of Tissue Conductivity on Internal Body Resistances of Numerical Human Model at Power Frequency". *The Bioelectromagnetics Society 34th Annual Meeting, June 17, 2012 - June 22, 2012, Brisbane, Australia*. The Bioelectromagnetics Society Annual Meeting. The Bioelectromagnetics Society. 2012, 197-199.



Tarao, Hiroo et al. "Effects of tissue conductivity and electrode area on internal electric fields in a numerical human model for ELF contact current exposures". *Physics in Medicine and Biology*. 2012, 57(10). <https://doi.org/10.1088/0031-9155/57/10/2981>

Sulonen, Mira L.K. et al. "Electricity generation from tetrathionate in microbial fuel cells by acidophiles". *Journal of Hazardous Materials*. 2015, 284. 182-189. <https://doi.org/10.1016/j.jhazmat.2014.10.045>

Çetinkaya, Afşin Y. et al. "Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration". *Chinese Journal of Catalysis*. 2015, 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, Jason et al. "Elimination of arsenic-containing emissions from gasification of chromated copper arsenate wood". *Fuel*. 2016, 181. 319-324. <https://doi.org/10.1016/j.fuel.2016.04.109>

Heino, Ossi and Ari-Veikko Anttiroiko *Enabling and Integrative Infrastructure Policy: The Role of Inverse Infrastructures in Local Infrastructure Provision with Special Reference to Finnish Water Cooperatives* MPRA Paper; 60276. MPRA. 2014.

Sorri, Jaakko. "Energistä utopiaa?". *Futura*. 2017, 36(1). 38-39.

Lakaniemi, Aino-Maija, Grant B. Douglas and Anna H. Kaksonen. "Engineering and kinetic aspects of bacterial uranium reduction for the remediation of uranium contaminated environments". *Journal of Hazardous Materials*. 2019, 371. 198 - 212. <https://doi.org/10.1016/j.jhazmat.2019.02.074>

Wang, Qiong et al. "Enhancement in Lifespan of Halide Perovskite Solar Cells". *Energy & Environmental Science*. 2019, 12(3). 865-886. <https://doi.org/10.1039/C8EE02852D>

Juuti, Petri and Riikka Rajala "Ensimmäiset fuusiosuunnitelmat". and Juuti, Petri Rajala, Riikka (editors). *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. 2009, 39-76.

Juuti, P.S., T.S. Katko and H.S. Vuorinen "Environmental history of water: Global view of community water supply and sanitation". *Symposium Preprint Book: 1st IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations, Iraklio, Greece, 27.10.2006*. 2006, 631-636.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen, ed. *Environmental history of water : global views on community water supply and sanitation* London: IWA Publishing. 2007.

Pynnönen, Sanna and Tuula Tuhkanen "Environmental impact of micropollutants present in urine". *Dry Toilet Conference 2012, 4th International Dry Toilet Conference, Full Papers, 22-24 August 2012, Tampere, Finland*. International Dry Toilet Conference. Helsinki: Global Dry Toilet Association of Finland. 2012, 1-8.

Juuti, Petri S., Tapio S. Katko and Klaas Schwartz, ed. *Epilogue* IWA Publishing. 2013.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Epilogue: Local Solutions Based on Local Conditions". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 593-598.

Siljander, Sanna et al. "Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature". *Proceedings of the 20th International Conference on Composite Materials*. 2015.

Envall, Jouni et al. "E-sail test payload of the ESTCube-1 nanosatellite". *Proceedings of the Estonian Academy of Sciences*. 2014, 63(2S). 210-221. <https://doi.org/10.3176/proc.2014.2S.02>

Juuti, Petri and Riikka Rajala "Espoo päättää siirtyä kärkipaikalle". and Juuti, Petri Rajala, Riikka (editors). *Ei jätevedenpuhdistamoja minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa*. TamPub. 2008, 73-76.

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

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

Alanko, Tommi et al. "Examples of occupational ELF electric and magnetic field exposure in Finland". *10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy*. International Conference European Bioelectromagnetics Association. Rome: European Bioelectromagnetics Association. 2011, 1-2.

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

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

Juuti, P.S. et al. "Expanding rural water supplies in historical perspective: Six cases from Finland and South Africa"., Juuti, P.S. Katko, T.S. Vuorinen, H.S. (editors). *Environmental History of Water - Global views on community water supply and sanitation*. 2007, 355-380.

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

Rodriguez, Avila Milena and Risto Raiko "Experimental study of oxy-fuel combustion in a drop tube reactor". *AFRC 2010 Pacific Rim Combustion Symposium, September 26-29, 2010 Sheraton Maui, Hawaii*. 2010, 1-11.

Pääkkönen, Rauno, Anna Holm and Leena Korpinen "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". *Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea*. 2010, 1-2.

Gobba, Fabriziomaria et al. "Exposure to Extremely Low Frequency Magnetic Fields: a Personal Monitoring Study in a Large Group of Workers". *II National Conference ICEmB 27.-29.6.2012, Bologna, Italy*. National Conference ICEmB. Genova: The Inter-university research Centre into Interactions between Electromagnetic fields and Biosystems ICEmB. 2012, 63-64.

Ferguson, Lauren et al. "Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology". *Environment International*. 2020. 143.  
<https://doi.org/10.1016/j.envint.2020.105748>

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

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

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

Laera, Andreina *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 Dissertations. Tampere University. 2019.

Pääkkönen, Anna *Feasibility of Flexible Biomass Utilization in Energy Systems* Tampere University Dissertations. Tampere University. 2019.

Carver, Sarah M. et al. "Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples". *Biomass & Bioenergy*. 2015, 75. 11-22. <https://doi.org/10.1016/j.biombioe.2015.02.005>

Barreca, Davide et al. "Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation". *Advanced Materials Interfaces*. 2015. 2(17). <https://doi.org/10.1002/admi.201500313>

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

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

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

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

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Fire, Thirst, Health and Hygiene: Root Causes for the Introduction of Water Supply and Sanitation in Kajaani"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TamPub. 2009, 275-286.

Nieminen, E. and J. Virtanen, . 2008. Flotaatiokennon injektorin diffusori. Patent No. WO 2007/042619 A1.

Özkaya, Bestami et al. "Fluidized bed bioreactor for multiple environmental engineering solutions". *Water Research*. 2019, 150. 452 - 465. <https://doi.org/10.1016/j.watres.2018.11.061>

Zou, G. et al. "Fluidized-bed denitrification of mining water tolerates high nickel concentrations". *Bioresource Technology*. 2015, 179. 284-290. <https://doi.org/10.1016/j.biortech.2014.12.044>

Jaatinen, Toni T. O. et al. "Focus and Change of Water Management in Finland – Analysis of Vesitalous Journal, 1960-2009". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2012, (3). 10-32.

Katko, Tapio S. "Foreword Towards More Resilient Water Services"., Juuti, Petri, Mattila, Harri Rajala, Riikka Schwartz, Klaas Staddon, Chad (editors). *Resilient water services and systems: the foundation of well-being*. Chapter 1, IWA Publishing. 2019, 9-13. <https://doi.org/10.2166/9781780409771>

Hukka, J.J. et al. "Forgotten infrastructure - In the quest for development, sustainability and security". and Auffermann, B. Kaskinen, J. (editors). *Proceedings of the Conference on Security in Futures - Security in Change, 3-4 June 2010, Turku, Finland*. FFRC eBook. 2010, 318-325.

Pynnönen, Sanna and Tuula Tuhkanen, ed. *FSES 2013, Finnish Conference of Environmental Sciences, 2-3 May 2013, Tampere, Finland*. Proceedings Tampere: Tampere University of Technology. 2013.

Leppänen, Minna , Antti Kaartokallio and Erkki Loukola "Full scale landfill bottom liner test structures at Ämmässuo landfill, Espoo, Finland"., Christensen, Thomas H. Cossu, Raffaello Stegmann, Rainer (editors). *Sardinia 99, Seventh International Waste Management and Landfill Symposium, 4-8 October, S. Margherita di Pula, Cagliari, Sardinia, Italy. Proceedings, Vol. I-V*. . 1999, 173-180.

Palmroth, Marja Riitta Tuulikki, Tiina Johanna Mönkäre and Kari T Steffen "Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential"., Kalogerakis, Nicolas Fava, Fabio Manousaki, Elena (editors). *Book of abstracts of the 6th European Bioremediation Conference*. 2015, 47.

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

Rajala, Riikka P., Petri S. Juuti, and Tapio S. Katko. "Genesis of Water supply and sanitation services in Finland". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2019, 8(1). 18-28.

Karvinen, Reijo and Timo Karvinen "Geometry of plate fins for maximizing heat transfer". *14th International Heat Transfer Conference IHTC-14, August 8-13, 2010, Washington DC, USA*. ASME. 2010, 1-10.

Leppänen, Minna . "Geo + Ympäristö = Ympäristögeotekniikka?". *Geofoor*. 2013, (39). 6-7.

Seppälä, Osmo and Tapio S. Katko "Gestao e organizacao dos servicos de saneamento : Abordagens europeias.". and Heller, Leo Esteban Castro, Jose (editors). *Política pública e gestao de servicos de saneamento*. Belo Horizonte; Rio de Janeiro: Editora da Universidade Federal de Minas Gerais (UFMG); Editora Fiocruz. 2013, 135-155.

Hilliaho, Kimmo et al. "Glazed spaces: A simplified calculation method for the evaluation of energy savings and interior temperatures". *Energy and Buildings*. 2016, 125. 27-44. <https://doi.org/10.1016/j.enbuild.2016.04.063>

Katko, Tapio S. "Global challenges and role of institutions in water services". *Econetin asiakaslehti AQ*. 2017, (1). 15.

Juuti, P.S. et al. *Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland* Unknown Publisher. 2007.

Kurki, Vuokko and Tapio S. Katko. "Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a finnish water supply project". *Water Alternatives*. 2015, 8(3). 337-351.

Salunke, Jagadish et al. "Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter". *Scientific Reports*. 2018. 8. <https://doi.org/10.1038/s41598-018-32830-3>

- Heino, Ossi and Annina Takala. "Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään". *Kunnallistieteellinen Aikakauskirja*. 2013, 41(3). 226-245.
- Katko, Tapio S. *Hanaa! Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys* Helsinki: Suomen Vesilaitosyhdistys ry. 2013.
- Juuti, P.S. and T.S. Katko. "Hätä ei häviä käymälöitä poistamalla". *www.huussi.net*. 2005, 7 s.
- Halinen, Anna-Kaisa *Heap Bioleaching of Low-grade Multimetal Sulphidic Ore in Boreal Conditions* Tampere University of Technology. Publication. Tampere University of Technology. 2015.
- Heino, Ossi and Annina Takala. "Heikot signaalit vesihuollossa". *Vesitalous*. 2013, (4). 29-31.
- Juuti, Petri, Tapio Katko and Riikka Rajala. "Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910". *Kuntateknikka*. 2011, 66(1). 49-50.
- Möllmann, Alexander et al. "Highly compact TiO<sub>2</sub> films by spray pyrolysis and application in perovskite solar cells". *Advanced Engineering Materials*. 2019. 21(4). <https://doi.org/10.1002/adem.201801196>
- Frankberg, Erkki J. et al. "Highly ductile amorphous oxide at room temperature and high strain rate". *Science*. 2019, 366(6467). 864-869. <https://doi.org/10.1126/science.aav1254>
- Singh, Suniti *High rate anaerobic treatment of LCFA-containing wastewater at low temperature* Tampere University Dissertations. Tampere University. 2019.
- Zou, G. et al. "High rate autotrophic denitrification in fluidized-bed biofilm reactors". *Chemical Engineering Journal*. 2016, 284. 1287-1294. <https://doi.org/10.1016/j.cej.2015.09.074>
- Pastor-Poquet, V. et al. "High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition". *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY*. 2019. <https://doi.org/10.1007/s13762-019-02264-z>
- Juuti, Petri *Historian hajuista tuoksujen tulevaisuuteen: pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta* Tampere University Press. 2017. [https://doi.org/10.26530/OAPEN\\_628607](https://doi.org/10.26530/OAPEN_628607)
- Katko, Tapio S., *Historian hajuista tuoksujen tulevaisuuteen: Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta*, Tampere: TamPub, 2017.
- Juuti, Petri S. and Tapio S. Katko "Historical development of water and sanitation services". and Juuti, Petri S. Katko, Tapio S. (editors). *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005, 25-38.
- Rajala, Riikka et al. "Historical development paths and means for winning the challenge of aging water services infrastructure". *Resilient Water Services and Systems: The Foundation of Well-Being*. IWA Publishing. 2019, 15-30. [https://doi.org/10.2166/9781780409771\\_0015](https://doi.org/10.2166/9781780409771_0015)
- Katko, Tapio S. and Petri S. Juuti "History of water and sanitation services in Finland in the urban-rural mixture : The Case of the City of Tampere, Finland". and Tvedt, T. Oestigaard, T. (editors). *A History of Water: Water and Urbanization: Series III, Volume 1*. London: I. B. Tauris. 2014, 498-519.
- Szabo, Hilda Marta, Raghida Lepistö and Tuula Tuhkanen. "HPLC-SEC: a new approach to characterise complex wastewater effluents". *International Journal of Environmental Analytical Chemistry*. 2016, 96(3). 257-270. <https://doi.org/10.1080/03067319.2016.1150463>

Nättinen, K. et al. "Hybrid barrier films by atmospheric inline plasma deposition on sol-gel coated PE-cardboard". *Coatings for Plastics at NPE 2009, June 23-24, 2009, McCormick Place, Chicago, IL*. 2009, 8 p.

Haapala, A. et al. "Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions". *Chemical Engineering Journal*. 2010, 162. 956-964. <https://doi.org/10.2495/MPF090291>

Khanongnuch, Ramita *Hydrogen sulfide removal from synthetic biogas using anoxic biofilm reactors* Tampere University Dissertations. Tampere University. 2019.

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

Wikberg, Hanne et al. "Hydrothermal carbonization of pulp mill streams". *Bioresource Technology*. 2016, 212. 236-244. <https://doi.org/10.1016/j.biortech.2016.04.061>

Juuti, Petri et al. "Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia". *Vesitalous*. 2011, 52(5). 36-40.

Juuti, Petri et al. *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia* Riihimäen Vesi. 2010.

Juuti, Petri , Riikka Rajala and Pekka Pietilä "Hyvien yhteyksien ja hyvän veden kaupunki"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 314-333.

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

Heino, Ossi, Tapio Katko, and Annina Takala. "Ikääntyvä infra - vesihuollon keskeisin haaste". *Vesitalous*. 2010, (6). 22-24.

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

Zou, Gang et al. "Impact of heavy metals on denitrification of simulated mining wastewaters". *Advanced Materials Research*. 2013, 825. 500-503. <https://doi.org/10.4028/www.scientific.net/AMR.825.500>

Cajal-Marinosa, Paula et al. "Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil". *Journal of Advanced Oxidation Technologies*. 2012, 15(2). 429-436.

Okonkwo, Onyinye et al. "Impacts of short-term temperature fluctuations on biohydrogen production and resilience of thermophilic microbial communities". *International Journal of Hydrogen Energy*. 2019, 44(16). 8028-8037. <https://doi.org/10.1016/j.ijhydene.2019.01.256>

Kurki, Vuokko et al. "Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students". *Ympäristöhistoria: Finnish Journal of Environmental History*. 2015, (1/2015). 45-51.

Mangayil, Rahul et al. "Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components". *Renewable Energy*. 2015, 75. 583-589. <https://doi.org/10.1016/j.renene.2014.10.051>

Inha, Laura M., Tapio S. Katko, and Riikka P. Rajala. "Improved water services cooperation through clarification of rules and roles". *Water (Switzerland)*. 2019. 11(10). <https://doi.org/10.3390/w11102172>

Sinkko, Hanna et al. "Increasing oxygen deficiency changes rare and moderately abundant bacterial communities in coastal soft sediments". *Scientific Reports*. 2019. 9. <https://doi.org/10.1038/s41598-019-51432-1>

Behailu, Beshah M., Pekka E. Pietilä, and Tapio S. Katko. "Indigenous practices of water management for sustainable services: Case of Borana and Konso, Ethiopia". *SAGE OPEN*. 2016, 6(4). 1-11. <https://doi.org/10.1177/2158244016682292>

Lahti, Johanna et al. "Influence of atmospheric plasma treatment on surface properties and inkjet printability of plastic packaging film". *Iarigai 2010 Montreal, Advances in Printing and Media Technology, Montreal, Canada, September 12-15, 2010*. 2010, 1-7.

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

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

Vivo, Paola et al. "Influence of TiO<sub>2</sub> compact layer precursor on the performance of perovskite solar cells". *Organic Electronics*. 2017, 41. 287-293. <https://doi.org/10.1016/j.orgel.2016.11.017>

Ciranna, Alessandro et al. "Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile *Caloramator celer*: Kinetic, metabolic and transcription analyses". *International Journal of Hydrogen Energy*. 2014, 39(12). 6391-6401. <https://doi.org/10.1016/j.ijhydene.2014.02.047>

Sormunen, Annika et al. "Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media". *Waste Management and Research*. 2016, 34(7). 595-604. <https://doi.org/10.1177/0734242X16650748>

Anttiroiko, Ari-Veikko and Ossi Heino. "Insentiivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus". *Työelämän tutkimus*. 2012, 10(3). 298-305.

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

Katko, Tapio S. et al. "Integration of water and wastewater utilities". *Journal American Water Works Association*. 2010, 102(9). 62-70.

Katko, Tapio S. et al. "Integration of water and wastewater utilities"., Katko, Tapio S. and Juuti, Petri S. Schwartz, Klaas Rajala, Riikka P. (editors). *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing. 2013, 29-40.

Juuti, Petri S., Tapio S. Katko and Riikka P. Rajala "Introduction: Evolution and futures of water management: strategic decisions, challenges and effectiveness". and Juuti P.S., Katko T. S. Rajala, R.P. (editors). *Water: a Matter of Life - Long-term strategic thinking in water services*. 193 p. *KehraMedia Inc*. 2008, 6-20.

Heino, Ossi and Ari-Veikko Anttiroiko. "Inverse infrastructures: self-organization in the water services". *Water Policy*. 2014, 299-315. <https://doi.org/10.2166/wp.2014.095>

Juuti, Petri and Riikka Rajala "Ja alussa oli vesi". and Juuti, Petri Rajala, Riikka (editors). *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. 2011, 15-18.

Kallio, Olavi et al. "Jätehuollon jakautuminen osamarkkinoihin ja yritystoiminta". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 99-113.

Heino, Ossi et al. "Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 33-50.

Heino, Ossi "Jätehuollon tekniset vaihtoehdot". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 51-74.

Juuti, Petri and Riikka Rajala "Jätevedenpuhdistuksen ja viemäroinnin vaiheita Helsingissä"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. 2010, 36-90.

Juuti, Petri , Pekka Pietilä, and Riikka Rajala "Johdanto: vesirikas Riihimäki"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 26-33.

Heino, Ossi. "Johtoja ja joukkuehenkeä". *Vesitalous*. 2013, (3). 11-13.

Mäkinen, Johanna and Hanna Mela *Joukkoliikenteellä on tärkeä rooli liikenteen päästöjen vähentämisessä Helsinki: Suomen ympäristökeskus (SYKE)*. 2019.

Anttiroiko, Ari-Veikko and Ossi Heino. "Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka". *Yhdyskuntasuunnittelu*. 2013, 51(3). 30-43.

Heino, Ossi and Ari-Veikko Anttiroiko. "Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?". *Kuntatekniikka*. 2013, (1). 40-42.

Juuti, Petri "Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 34-63.

Juuti, Petri and Riikka Rajala. "Kapkaupungin pysyvä vesikriisi – ratkaako vesipula, jos lisää vettä pumpataan vuotavaan verkostoon". *Vesitalous*. 2018, (5). 39-42.

Juuti, Petri and Riikka Rajala "Kasvun ja veden kausi – I vesilaitoksesta II maailmansotaan". and Juuti, Petri Rajala, Riikka (editors). *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. 2011, 51-74.

Kokko, Lauri et al. "Kinetics of biomass pyrolysis"., Mäkinen, Tuula Alakangas, Eija Kauppi, Marjo (editors). *BioRefine Yearbook 2010. Tekes Rewiew*. 2010, 39-45.

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

Katko, Tapio S. "Kirja-arviointi:Yliopistomme vaarassa hukkuu byrokraatiaan. Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokraatiasta ja opetuksen ylenkatsomisesta. Into Kustannus Oy. 2017. ". *Tiedepolitiikka*. 2018, 43(1). 58-60.



Lepistö, Kirsi and Leena Korpinen "Kirjastolta uutta tiedonhankinnan opetusta tukemaan opetusta antavien yksiköiden toimintaa". Myller, Eeva (ed.). *ReflekTori 2010 Tekniikan opetuksen symposium 9.-10.2010, Espoo. Dipoli-raportit B.* 2010, 136-138.

Heino, Ossi and Ari-Veikko Anttiroiko. "Kohti hajautettua infrastruktuuripolitiikkaa? Paikalliset vesiosuuskunnat perusrakenteiden tuottajina". *Maaseudun uusi aika.* 2014, 22(3). 38-50.

Juuti, Petri and Riikka Rajala "Kohti puhtaampaa Itämerta"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä.* TamPub. 2010, 135-142.

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

Leppänen, Perttu and Mikko Malaska "Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen". *Pelastustieto: Palotutkimuksen päivät 2017, erikoisnumero.* Pelastustieto. Palo- ja pelastustieto ry. 2017, 15-20.

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Kokemus: Kajaanin vesihuollon ammattilaisten kokemukset ja näkemykset"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia.* TamPub. 2009, 175-228.

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

Hukka, Jarmo, Tapio S. Katko and Pekka Pietilä. "Koulutus ja tutkimus kehityksen moottorina". *Econetin asiakaslehti AQ.* 2019, (3). 13.

Rajala, Riikka, Petri Juuti, and Tapio Katko. "Kuka päättää vesihuollon tulevaisuudesta? (Who decides on the future of the water supply?)". *Vesitalous.* 2014, 51(1). 33-34.

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

Laukka, Anu et al. *Kyläyhteisöt palvelukulutuksen alustana* Maaseutupolitiikan yhteistyöryhmän julkaisuja; 6. Tampere: Maaseutupolitiikan yhteistyöryhmä, YTR. 2013.

Valkama, Pekka et al. *Kyliä palvelutuotantoedellytyksistä erityisesti julkisten palvelujen näkökulmasta tarkasteltuna* Maaseutupolitiikan yhteistyöryhmän julkaisuja; 6. Tampere: Maaseutupolitiikan yhteistyöryhmä, YTR. 2013.

Juuti, Petri and Riikka Rajala "Laajentumisen aika". and Juuti, Petri Rajala, Riikka (editors). *Vinttikaivosta vesiyhtiöön.* Saarijärvi: TamPub. 2011, 75-118.

Hukka, Jarmo J., Tapio S. Katko and Pekka P. Pietilä. "Lack of water engineers hampering development. North-South cooperation in higher education is a must". *Rakennustekniikka.* 2011, 66(2). 58-61.

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Lähde: Pohjavedenottamot"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia.* TamPub. 2009, 93-136.

Katko, Tapio and Petri S. Juuti. "Lähteet Suomen vesihuollossa". *Vesitalous.* 2014, (4). 15-18.

- Laasasenaho, Kari et al. "Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands". *Land Use Policy*. 2017, 69. 167-175. <https://doi.org/10.1016/j.landusepol.2017.09.010>
- Takala, Annina "Learning for sustainable water and sanitation services". Mazijn, B. (ed.). *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 Duurzame Ontwikkeling vzw. 2016, 250-258.
- Huovinen, Pekka "Leveraging concepts for environmentally sustainable business management in construction - a focused review". Egbu, Charles (ed.). *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. London, UK: IBEA Publications Ltd. 2015, 286-296.
- Liimatainen, Heikki and Riku Viri *Liikenteen päästötavoitteiden saavuttaminen 2030 - politiikkatoimenpiteiden tarkastelu Suomen ilmastopaneeli*. 2017.
- Leppänen, Minna, Tero Välisalo and Juha Laasonen, ed. "Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta". *Kaivosten stressitestit 2013*. Ympäristöministeriön raportteja. Ympäristöministeriö. 2014.
- Holm, Anna and Leena Korpinen "Long-term measurement of free time exposure to low frequency magnetic fields in Finland". *Bioelectromagnetics Society 32nd Annual Meeting (BEMS), June 14-18, 2010, Seoul, Korea*. 2010, 1-2.
- Khanongnuch, Ramita et al. "Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions". *Environmental Science: Water Research & Technology*. 2019, 5(6). 1072-1081. <https://doi.org/10.1039/C9EW00220K>
- Hashmi, Syed Ghufuran et al. "Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking". *Journal of Materials Chemistry A*. 2017, 5(10). 4797-4802. <https://doi.org/10.1039/C6TA10605F>
- Juuti, Petri S. and Tapio S. Katko "Long-term strategic decisions in 13 countries and 29 cities". and Juuti, Petri S. Katko, Tapio S. (editors). *Water, Time and European Cities. History matters for the Futures*. Tampere: Tampere University Press. 2005, 50-72.
- Bayr, S. et al. "Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp". *Waste Management*. 2014, 34(10). 1853-1859. <https://doi.org/10.1016/j.wasman.2014.06.005>
- Juuti, Petri Sakari and Riikka Rajala "Loppuluku – haasteita riittää tulevaisuuteen". and Juuti, Petri Rajala, Riikka (editors). *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. 2009, 131-144.
- Tao, Ran et al. "Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor". *Environmental Technology*. 2020. <https://doi.org/10.1080/09593330.2020.1752813>
- Tuhkanen, Tuula "L'oxydation chimique pour la remediation des sols contamines par des composés recalcitrants. Cas de la chlordecone". *Remediation a la pollution par la chlordecone aux Antilles, No 9-10, Avril 2011*. Les Cahiers du PRAM. Le Lamentin. 2011, 8-11.
- Rantala, Anne et al. "Luminescent bacteria-based sensing method for methylmercury specific determination". *Analytical and Bioanalytical Chemistry*. 2011, 400(4). 1041-1049. <https://doi.org/10.1007/s00216-011-4866-x>
- Katko, Tapio. "Lyhyestä tiede kaunis?". *Tiedepolitiikka*. 2011, 36(2). 55-55.
- Kurki, V., A. Lipponen, and T. Katko. "Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons". *Water International*. 2013, 38(6). 774-789. <https://doi.org/10.1080/02508060.2013.843374>

Hukka, J.J. et al. "Managing water and sewerage services in a cold, four-seasons climate". *Proceedings of the 8th ISCORD Symposium, Tampere, Finland, September 25-27, 2007*. 2007, 17-18.

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

Korpinen, Leena et al. "Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations". *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium. Electromagnetics Academy. 2012, 282-285.

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

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

Korpinen, Leena and Rauno Pääkkönen. "Mental symptoms and the use of new technical equipment". *International Journal of Occupational Safety and Ergonomics*. 2009, 15(4). 385-400.

Kannisto, Matti et al. "Metabolic engineering of *Acinetobacter baylyi* ADP1 for improved growth on gluconate and glucose". *Applied and Environmental Microbiology*. 2014, 80(22). 7021-7027. <https://doi.org/10.1128/AEM.01837-14>

Nancharaiyah, Y. V., S. Venkata Mohan and P.N.L. Lens. "Metals removal and recovery in bioelectrochemical systems: A review". *Bioresource Technology*. 2015, 195. 102-114. <https://doi.org/10.1016/j.biortech.2015.06.058>

Välisalo, Tero, Ossi Heino and Tiia Luomanen "Metering the quality of water supply and sewage network maintenance services". *2012 IFME World Congress on Municipal Engineering. Sustainable Communities, June 4-10, Helsinki, Finland*. International Federation of Municipal Engineering World Congress. International Federation of Municipal Engineering IFME. 2012, 1-9.

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

Rissanen, Antti J. et al. "Methylophaga and Hyphomicrobium can be used as target genera in monitoring saline water methanol-utilizing denitrification". *Journal of Industrial Microbiology and Biotechnology*. 2016, 1-11. <https://doi.org/10.1007/s10295-016-1839-2>

Rissanen, Antti J. et al. "Methylophilaceae and Hyphomicrobium as target taxonomic groups in monitoring the function of methanol-fed denitrification biofilters in municipal wastewater treatment plants". *Journal of Industrial Microbiology and Biotechnology*. 2016, 1-13. <https://doi.org/10.1007/s10295-016-1860-5>

Juuti, Petri, Riikka Rajala, and Tapio Katko *Metropoli ja meri. 100 vuotta jätevedenpuhdistusta Helsingissä* HSY:n julkaisuja. Helsinki: HSY Helsingin seudun ympäristöpalvelut. 2010.

Chatterjee, Pritha et al. "Microalgae grow on source separated human urine in Nordic climate: Outdoor pilot-scale cultivation". *Journal of Environmental Management*. 2019, 237. 119 - 127. <https://doi.org/10.1016/j.jenvman.2019.02.074>

Butti, Sai Kishore et al. "Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling". *Renewable and Sustainable Energy Reviews*. 2016, 53. 462-476. <https://doi.org/10.1016/j.rser.2015.08.058>

Järvinen, Henri et al. "Microstructure-property relationships of novel ultra-high strength press hardening steels". *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*. 2019, 50(2). 816-836. <https://doi.org/10.1007/s11661-018-4967-7>

Juuti, Petri and Riikka Rajala "Mihin jätevedenpuhdistusta tarvitaan?", Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. 2010, 13-35.

Lakaniemi, Aino-Maija et al. "Mine wastewater treatment using Phalaris arundinacea plant material hydrolyzate as substrate for sulfate-reducing bioreactor". *Bioresource Technology*. 2010, 101(11). 3931-3939. <https://doi.org/10.1016/j.biortech.2010.01.020>

Weijo, Inari et al. "Ministry of the Environment announces a Guide on Renovation and Repair of Buildings with Moisture and Microbial Damage - From theory to practice". *E3S Web of Conferences*. 2020. 172. <https://doi.org/10.1051/e3sconf/202017220007>

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

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

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

Leppänen, Aino, Erkki Välimäki and Antti Oksanen "Modeling of Fine Particles and Alkali Metal Compounds in Kraft Recovery Boiler Furnace". *The 2011 TAPPI PEERS Conference, 2-5 October 2011, Oregon Convention Center in Portland, Oregon USA*. TAPPI PEERS Conference. Norcross, GA: TAPPI. 2011, 1-8.

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

Leppänen, Aino et al. "Modelling fume deposit growth in recovery boilers: effect of flue gas and deposit temperature". *Journal of Science and Technology for Forest Products and Processes*. 2014, 4(1). 50-57.

Holopainen, Sami et al. "Modelling of anisotropic fatigue". Floryan, J.M. (ed.). *Contributions to the foundations of multidisciplinary research in mechanics: Papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM2016, Montreal, Canada, 21-26, Aug. 2016*. IUTAM. 2016, 1822-1823.

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

Ojala, Petteri et al. "Modelling of seep through of humidity to electric connector with stochastic processes". and Cepin, Marko Bris, Radim (editors). *ESREL 2017. Safety and Reliability. Theory and Applications*. CRC Press. 2017. <https://doi.org/10.1201/9781315210469-384>

Uotila, Ulrika, Arto Saari, and Juha-Matti Junnonen. "Municipal challenges in managing a building with noted health symptoms". *Facilities*. 2019. <https://doi.org/10.1108/F-07-2019-0073>

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

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

Juuti, Petri S. et al. *Näkymätönt Porii. Porin veden historia* Pori: Porin Vesi. 2010.

Lahti, Johanna *Nanoscale Surface Processing of Extrusion Coated Substrates with Atmospheric Plasma Technology*. 2013.

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

Behailu, Beshah M. and Harri Mattila "Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia". and Nenonen, Suvi Junnonen, Juha-Matti (editors). *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology. 2016, 431-440.

Kurki, Vuokko *Negotiating Groundwater Governance: Lessons from Contentious Aquifer Recharge Projects* Tampere University of Technology. Publication. Tampere University of Technology. 2016.

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

Koskue, Veera et al. *Nitrogen recovery from reject water in a 3-chamber bioelectroconcentration cell*. 2018.

Leppänen, A. et al. "Numerical modeling of fine particle and deposit formation in a recovery boiler". *Fuel*. 2014, 129. 45-53. <https://doi.org/10.1016/j.fuel.2014.03.046>

Tao, Ran *Nutrient and organic matter removal from wastewaters with microalgae* Tampere Univeristy Dissertations. Tampere University. 2019.

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

Korpinen, Leena et al. "Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV". *Annals of Occupational Hygiene*. 2011, 55(5). 526-536. <https://doi.org/10.1093/annhyg/mer013>

Korpinen, Leena et al. "Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks". *Bioelectromagnetics*. 2012, 33(5). 438-442. <https://doi.org/10.1002/bem.21711>

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

Pääkkönen, Rauno et al. "Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work". *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium. Electromagnetics Academy. 2012, 823-825.

Katko, Tapio S. *Opening of the seminar*. 2013.

White, Pamela, Sanna-Leena Rautanen and Pallab Raj Nepal "Operationalising the right to water and sanitation and gender equality via appropriate technology in rural Nepal". Garrido Villareal, Mariateresa (ed.). *Human Rights and Technology*. Costa Rica: University of Peace, Costa Rica. 2017, 217-239.

Heino, Ossi and Ari-Veikko Anttiroiko. "Osuuskunnat mukaan infrastruktuuripolitiikkaan". *Osuustoiminta*. 2014, 105(5). 54-54.

Juuti, Petri and Riikka Rajala "Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo". Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. 2010, 91-113.

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

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

Valkama, Pekka, Ossi Heino and Olavi Kallio "Päätelmät yhdyskuntajätehuollon markkinainnovaatioista - taustat, kiistat ja sovellukset". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 159-170.

Juuti, Petri and Riikka Rajala "Päijänne-tunneli ja kolmisopimus". and Juuti, Petri Rajala, Riikka (editors). *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere. 2009, 27-38.

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Palo, jano, terveys, hygienia"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TamPub. 2009, 13-20.

Lahti, Johanna and Jurkka Kuusipalo. "Paperinjalostus- ja pakkaustekniikan tutkimusyksikkö uudistaa kurssitarjontaa". *Anturi*. 2010, (5). 1-1.

Hukka, Jarmo J. and Tapio S. Katko "Paradigma alternativo : O papel das cooperativas e das autoridades locais". and Heller, Leo Esteban Castro, Jose (editors). *Politica publica e gestao de servicos de saneamento*. Belo Horizonte; Rio de Janeiro: Editora da Universidade Federal de Minas Gerais (UFMG); Editora Fiocruz. 2013, 214-237.

Heino, Ossi *Paradigman jäljillä: Tutkimus vesihuollon ajattelumalleista* Tampere University of Technology. Publication. Tampere: Tampere University of Technology. 2016.

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

Lehtoranta, Kati et al. "Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers". *Environmental Science and Technology*. 2019, 53(6). 3315-3322. <https://doi.org/10.1021/acs.est.8b05555>

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 11-16.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Part III: Modern Urban Infrastructure. Ch 20 Introduction". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 509-510.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Part III: Modern Urban Infrastructure. Ch 20 Introduction". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 265-270.

Juuti, P.S., T.S. Katko and H.S. Vuorinen "Part III: Modern urban infrastructure. Introduction"., Juuti, P.S. Katko, T.S. Vuorinen, H.S. (editors). *Environmental History of Water - Global views on community water supply and sanitation*. 2007, 265-269.

Juuti, Petri S., Tapio S. Katko and Heikki S. Vuorinen "Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions". and Juuti P.S., Katko T.S. Vuorinen, H.S. (editors). 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. 2007, 99-102.

Hynynen, Ari J., Petri S. Juuti, and Tapio S. Katko "Part V: Comparative Analysis of the Omnipresent Water Fountains"., Ari, J. Hynynen Petri, S. Juuti Tapio, S. Katko (editors). *Water Fountains in the Worldscope*. Kangasala: International Water History Association and Kehrämedia Inc. 2012, 137-212.

Kreutzer, Joose et al. "Perfusion characterization using flow simulations and  $\mu$ PIV measurements". *Proceedings of the 2nd European Conference on Microfluidics - Microfluidics 2010, Toulouse, December 8-10, 2010*. 2010, 1-9.

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

Katko, Tapio "Pintavedestä pohjaveteen ja tekopohjaveteen"., Juuti, Petri and Katko, Tapio Louekari, Sami Rajala, Riikka (editors). *Näkymätöntä Porriä. Porin Veden historia*. 2010, 236-311.

Laasasenaho, Kari, Anssi Lensu, and Jukka Rintala. "Planning land use for biogas energy crop production: The potential of cutaway peat production lands". *Biomass & Bioenergy*. 2016, 85. 355-362.  
<https://doi.org/10.1016/j.biombioe.2015.12.030>

Carraro, Giorgio et al. "Plasma-Assisted Fabrication of Fe<sub>2</sub>O<sub>3</sub> - Co<sub>3</sub>O<sub>4</sub> Nanomaterials as Anodes for Photoelectrochemical Water Splitting". *Plasma Processes and Polymers*. 2016, 13(1). 191-200.  
<https://doi.org/10.1002/ppap.201500106>

Rajala, Riikka "Pohjavesi, meidän vesi"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 110-147.

Aalto, Pami et al. *Pohjoismaiden energiapolitiikka 2030: Hiilineutraalimpaan energijärjestelmään osin yhdessä, osin eri polkuja pitkin* . EL-TRAN analyysi. 2016., 23 p.

Juuti, Petri ""Poika, nyt lähdettiin hommiin" - vesilaitos syntyy"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 64-109.

Kelishadi, Roya et al. "Pollutants source control and health effects". *Journal of Environmental and Public Health*. 2013, 2013. 1-2. <https://doi.org/10.1155/2013/209739>

Liimatainen, Heikki et al. "Possible Impact of Long and Heavy Vehicles in the United Kingdom—A Commodity Level Approach". *Sustainability*. 2018. 10(8). <https://doi.org/10.3390/su10082754>

Lay, Chyi-How, Marika E. Kokko, and Jaakko A. Puhakka. "Power generation in fed-batch and continuous up-flow microbial fuel cell from synthetic wastewater". *Energy*. 2015, 91. 235-241. <https://doi.org/10.1016/j.energy.2015.08.029>

Jain, Rohan et al. "Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles". *Chemical Engineering Journal*. 2016, 284. 917–925. <https://doi.org/10.1016/j.cej.2015.08.144>

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

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

Marjakangas, Jatta *Production of Oleaginous Microbial Biomass by Reusing Wastewaters* Tampere University of Technology. Publication. Tampere University of Technology. 2015.

Juuti, Petri S., Tapio S. Katko and Klaas Schwartz, ed. *Prologue* IWA Publishing. 2013.

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

Huuhka, Satu et al. *Puurakenteiden uudelleenkäyttömahdollisuudet Muuttuva rakennettu ympäristö; 4. Rakennetekniikka. Tutkimusraportti.*; 165. Tampere: Tampere University of Technology. 2018.

Keskikuru, T. et al. "Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling". *Building and Environment*. 2018, 138. 1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>

Mattinen, Maija, Juhani Heljo and Mikko Savolahti *Rakennusten energiankulutuksen perusskenaario Suomessa 2015-2050 Suomen ympäristökeskuksen raportteja*; 35/2016. Helsinki: Suomen ympäristökeskus. 2016.

Kylliäinen, Mikko *Rating the impact sound insulation of concrete floors with single-number quantities based on a psychoacoustic experiment* Tampere University Dissertations. Tampere University. 2019.

Mönkäre, Tiina et al. *Ravinnevisio: Selvitys Pirkanmaan puhdistamolietteiden ja biojätteiden ravinteista ja niiden potentiaalisesta käytöstä* Raportteja; 74. Pirkanmaan ELY-keskus. 2016.

Nancharaiah, Y. V., S. Venkata Mohan and P. N L Lens. "Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems". *Bioresource Technology*. 2016, 215. 173–185. <https://doi.org/10.1016/j.biortech.2016.03.129>

Kinnunen, Päivö et al. "Recycling mine tailings in chemically bonded ceramics - A review". *Journal of Cleaner Production*. 2018, 174. 634-649. <https://doi.org/10.1016/j.jclepro.2017.10.280>

Dahlbo, Helena et al. "Recycling potential of post-consumer plastic packaging waste in Finland". *Waste Management*. 2018, 71. 52-61. <https://doi.org/10.1016/j.wasman.2017.10.033>

Pinchasik, Daniel et al. *Reducing CO<sub>2</sub> emissions from freight: Recent developments in freight transport in the Nordic countries and instruments for CO<sub>2</sub> reductions* Temanord. NORDIC COUNCIL OF MINISTERS. 2018. <https://doi.org/10.6027/TN2018-554>

Oksanen, Antti and Ari J. Saario "Reduction of combustion-generated emissions by means of multiobjective optimization and computational fluid dynamics". *CFD & Optimization 2011, Methods and Applications, ECCOMAS Thematic Conference, 23-25 May 2011, Antalya, Turkey*. ECCOMAS Thematic Conference on CFD & Optimization, Methods and Applications. Antalya: ECCOMAS. 2011, 1-17.



Juuti, Petri et al. "Relevance of the resilience concept and long-term thinking for WSS providers". *Resilient Water Services and Systems: The Foundation of Well-Being*. IWA Publishing. IWA Publishing. 2019, 227-236.

Palmroth, M.R.T. et al. "Removal of odours in dry toilets by biofiltration". *ECO STP, EcoTechnologies for Wasterwater Treatment, Technical, Environmental & Economic Challenges, Santiago de Compostela, Spain, 25-27 June 2012*. EcoTechnologies for Wasterwater Treatment, IWA International Conference. International Water Association IWA. 2012, 1-4.

Särkilahti, Maarit et al. "Replacing centralised waste and sanitation infrastructure with local treatment and nutrient recycling: Expert opinions in the context of urban planning". *Technological Forecasting and Social Change*. 2017, 118. 195-204. <https://doi.org/10.1016/j.techfore.2017.02.020>

Inha, Laura et al. "Requirements for rainfall retention and storage in cold climate". Steusloff, Hartwig (ed.). *Conference Proceedings. IWRM Integrated Water Resources Management, 24-25 November 2010, Karlsruhe*. 2010, 343-349.

Juuti, Petri et al. "Resiliency is the key for sustainable water services.". *Resilient Water Services and Systems: The Foundation of Well-Being*. IWA Publishing. IWA Publishing. 2019, 1-8.

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

Juuti, Petri et al. *Resilient Water Services and Systems: The Foundation of Well-Being* IWA Publishing. 2019.

Kuhad, Ramesh Chander et al. "Revisiting cellulase production and redefining current strategies based on major challenges Article reference: RSER5103". *Renewable and Sustainable Energy Reviews*. 2016, 55. 249-272. <https://doi.org/10.1016/j.rser.2015.10.132>

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

Santala, Suvi et al. "Rewiring the wax ester production pathway of acinetobacter baylyi ADP1". *ACS Synthetic Biology*. 2014, 3(3). 145-151. <https://doi.org/10.1021/sb4000788>

Katko, Tapio S. ""Rocky Fountains" of Keciören, Turkey"., Ari, J. Hynynen Petri, S. Juuti Tapio, S. Katko (editors). *Water Fountains in the Worldscape*. Kangasala: International Water History Association and KehraMedia. 2012, 128-131.

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

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

Poudyal, Aditya, Suvisanna Mustonen and Jukka Paatero "Rural household electricity load profiles with a load simulation tool". *International Conference on Applied Energy (ICAE 2010), Energy Solutions for a Sustainable World, 21-23 April 2010, Singapore*. 2010, 1358-1366.

Behailu, Beshah Mogesse *Rural Water and Sanitation: Community Managed Project Approach for Sustainability in Ethiopia* Tampere University of Technology. Publication. Tampere University of Technology. 2016.

Juuti, Petri, Riikka Rajala, and Tapio S. Katko "Saasta: Jätevesien puhdistus ja viemärointi". Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TampPub. 2009, 137-174.

Vuorinen, Heikki S., Petri S. Juuti, and Tapio S. Katko "Safety of lead water pipes: history and present". Katko, Tapio S. and Juuti, Petri S. Schwartz, Klaas Rajala, Riikka P. (editors). *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing. 2013, 89-96.

Seppälä, Jyri et al. *Sähköautoilla suuri vähennys päästöihin - pian myös kilpailukykyiseen hintaan Suomen ilmastopaneeli*. 2019.

Liimatainen, Heikki, Roni Utriainen, and Riku Viri *Sähköautoilun edistäminen vaatii latausmahdollisuuksien kehittämistä Suomen ilmastopaneeli*. 2018.

Korpinen, Leena and Tommi Alanko *Sähkö- ja elektroniikkateollisuuden ympäristökysymykset* Tampereen teknillinen yliopisto, Energia- ja prosessiteknikan laitos, Opintomoniste. Tampereen teknillinen yliopisto. 2011.

Rautanen, Sanna-Leena et al. "Sanitation, water and health". *Environment and History*. 2010, 16(2). 173-194. <https://doi.org/10.3197/096734010X12699419057250>

Juuti, Petri and Riikka Rajala. "Sata vuotta Suomen suurimmasta lavantautiepidemiasta". *Vesitalous*. 2017, 2017(1). 12-14.

Juuti, Petri, Tapio S. Katko, and Riikka Rajala. "Sata vuotta vesihuoltoa Suomessa". *Vesitalous*. 2017, 58(6). 13-15.

Mönkäre, Tiina et al. "Scaling up the treatment of the fine fraction from landfill mining: Mass balance and cost structure". *Waste Management*. 2019, 87. 464-471. <https://doi.org/10.1016/j.wasman.2019.02.032>

Mönkäre, Tiina J., Marja R. T. Palmroth, and Jukka A. Rintala. "Screening biological methods for laboratory scale stabilization of fine fraction from landfill mining". *Waste Management*. 2017, 60. 739-747. <https://doi.org/10.1016/j.wasman.2016.11.015>

Marjakangas, Jatta M. et al. "Selecting an indigenous microalgal strain for lipid production in anaerobically treated piggery wastewater". *Bioresource Technology*. 2015, 191. 369-376. <https://doi.org/10.1016/j.biortech.2015.02.075>

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

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

Juuti, Petri S. et al. "Short Global History of Fountains". *Water*. 2015, 7(5). 2314-2348. <https://doi.org/10.3390/w7052314>

Kallio, Olavi et al. "Sidosryhmien näkemykset jätehuollon markkinoistumisesta". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 144-158.

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

Ojala, Petteri et al. "Simulointi nopeuttaa käyttöiän määrittystä". *Promaint*. 2015, 2. 24-27.

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

Marjakangas, Jatta M. et al. "Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater". *Biochemical Engineering Journal*. 2015, 103. 177-184.  
<https://doi.org/10.1016/j.bej.2015.07.011>

Mari, Turunen et al. "Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa". *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY. 2016, 13-18.

Luomala, Heikki , *Sleepers*, 2016.

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

Espinosa-Ortiz, Erika J. et al. "Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets". *Environmental Science and Pollution Research*. 2016, 23(21). 21619–21630.  
<https://doi.org/10.1007/s11356-016-7333-6>

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

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

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

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

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

Leppänen, Aino, Erkki Välimäki and Antti Oksanen "Study of Aerosols of Black Liquor Combustion". *11th International Conference on Energy for Clean Environment, 5-8 July 2011, Lisbon Portugal*. International Conference on Energy for Clean Environment. Lisbon: Clean Air conference series. 2011, 1-11.

Ruoko, Tero Petri et al. "Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes". *Journal of Physical Chemistry Letters*. 2015, 6(15). 2859-2864.  
<https://doi.org/10.1021/acs.jpcclett.5b01128>

Katko, T .S. and Petri Juuti. "Suomen vesihuollon kehitys kansainvälisessä kontekstissa". *Tekniikan Waiheita: Teknik I Tiden*. 2018, 36(2). 5-24.

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

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

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Syntymä ja kuolema: Laitoksen perustamiseen johtanut kehitys"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TamPub. 2009, 37-46.

Hukka, Jarmo J., Tapio S. Katko and Pekka P. Pietilä. "Syytä olla ylpeä". *Kehitys*. 2011, (2). 40-40.

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

Heljo, Juhani et al. *Tammikuun tehopiikki – mitä tapahtui 7.1.2016? Miten tehoa hallitaan paremmin jatkossa?*. 1-15. EL-TRAN analyysi. 2016,

Katko, Tapio Sakari, Anna Lukka, and Riikka Rajala. "Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle". *Vesitalous*. 2015, (2). 45-47.

Juuti, Petri and Riikka Rajala "Tausta: Jätevedenpuhdistuksen alku, tehtävän määrittely ja keskeiset käsitteet". and Juuti, Petri Rajala, Riikka (editors). *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa*. TamPub. 2008, 7-18.

Juuti, Petri and Riikka Rajala "Tavoitteena puhdas asuinympäristö"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub. 2010, 114-134.

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

Antila, Kimmo, Tapio S. Katko and Harri Mattila "Technology development theories and water services evolution"., Katko, Tapio S. and Juuti, Petri S. Schwartz, Klaas Rajala, Riikka P. (editors). *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing. 2013, 13-27.

Katko, Tapio S. and Jarmo J. Hukka "Tempoilevasta tiede- ja koulutuspolitiikasta kohti laajempaa näkemystä". and Juuti, Petri Uusi-Rasi, Kirsti (editors). *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä*. Tampereen dosenttiyhdistyksen julkaisuja. Tampere: Tampereen dosenttiyhdistys. 2017, 32-39.

Kalliainen, Antti et al. *Teräsrumpujen uudet korjausmenetelmät: Halkaistu sisäputki, puolipohjaus ja pohjan betonointi* Liikenneviraston tutkimuksia ja selvityksiä. Liikennevirasto. 2016.

Korpinen, Leena. "Testattua tahdistusta". *Sähkö & Tele*. 2012, 85(3). 24-26.

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

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

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

Katko, Tapio S. *The Challenge of Aging Infrastructure, Aging Staff and Reflections for Education and Research*. 2014.

Korpinen, Leena et al. "The designing and the implementation of WWW-course &Electricity, Electronics and Environment&quot;". *Elektronika ir Elektrotechnika*. 2010, 102(6). 75-78.

Pääkkönen, Rauno, Sirke Lahtinen and Leena Korpinen "The doors of operating devices mitigation influence to the electric field exposure at 110kV substation tasks on service platforms". *10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy*. International Conference European Bioelectromagnetics Association. Rome: European Bioelectromagnetics Association. 2011, 2 p.

L.K. Sulonen, Mira et al. "The effect of anode potential on bioelectrochemical and electrochemical tetrathionate degradation". *Bioresource Technology*. 2017, 226. 173-180. <https://doi.org/10.1016/j.biortech.2016.12.023>

Pakkala, Toni , Antti-Matti Lemberg, and Jukka Lahdensivu *The effect of climate change on freeze-thaw durability of concrete structures in Finland*. 2016. 1 p.

Pohjola, Jari, Jari Turunen, and Tarmo Lipping *The effect of lake bottom sediment layers on radionuclide transport from bedrock to biosphere and doses to humans*. 2017. 2 p.

Kärkkäinen, Marja et al. "The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part I: Activity Measurements, Elementary and Surface Analyses". *Topics in Catalysis*. 2015, 58(14). 961-970. <https://doi.org/10.1007/s11244-015-0464-z>

Honkanen, Mari et al. "The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II: Characterization of Structural Changes by Transmission Electron Microscopy". *Topics in Catalysis*. 2015, 58(14). 971-976. <https://doi.org/10.1007/s11244-015-0465-y>

Keipi, Tiina et al. "The effect of torrefaction on the chlorine content and heating value of eight woody biomass samples". *Biomass & Bioenergy*. 2014, 66. 232-239. <https://doi.org/10.1016/j.biombioe.2014.02.015>

Du, Liuliu et al. "The effects of improved energy efficiency on indoor environmental quality in multi-family buildings". *Indoor Air 2016: The 14th international conference of Indoor Air Quality and Climate Ghent, Belgium July 3-8 2016*. 2016.

Takala, Annina J. et al. "The evolving role of water co-operatives in Finland". *International Journal of Co-Operative Management*. 2011, 5(2). 11-19.

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

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

Hynynen, Ari, Petri Juuti, and Tapio Katko "The Fountain A Harbinger of a New Era in Case Tampere"., Hynynen, Ari J. Juuti, Petri S. Katko, Tapio S. (editors). *Water Fountains in the Cityscape. Essays in Public Works History*. Essays in Public Works History. Kansas City,MO: Public Works Historical Society. 2011, 63-70.

Hynynen, Ari J., Petri S. Juuti, and Tapio S. Katko "The Mermaid of Helsinki, Finland", Ari, J. Hynynen Petri, S. Juuti Tapio, S. Katko (editors). *Water Fountains in the Worldscape*. Kangasala: International Water History Association and Kehrämedia Inc. 2012, 107-111.

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

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

Gobba, Fabriziomaria et al. "The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home". *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium. Electromagnetics Academy. 2012, 286-288.

Pääkkönen, Anna et al. "The potential of biomethane in replacing fossil fuels in heavy transport-a case study on Finland". *Sustainability*. 2019. 11(17). <https://doi.org/10.3390/su11174750>

Liimatainen, Heikki, Oscar van Vliet and David Aplyn. "The potential of electric trucks – An international commodity-level analysis". *Applied Energy*. 2019, 236. 804-814. <https://doi.org/10.1016/j.apenergy.2018.12.017>

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

Vesapuisto, M. et al. "The students' feedback on WWW-course "Electricity, Electronics and Environment"". *Elektronika ir Elektrotechnika*. 2010, 102(6). 99-102.

Korpinen, Leena et al. "The technical students' feedback from the course issues on environmental health". *Proceedings of the 22nd EAEEIE Annual Conference - EAEEIE 2011, Maribor, Slovenia, June 13-15, 2011*. EAEEIE Annual Conference. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science. 2011, 119-123.

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

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

Katko, Tapio S. "Toimiva vesihuolto ei ole itsestäänselvyys.". *Promaint*. 2017, 29(2). 17.

Hukka, Jarmo J. et al. "Towards balanced public-private co-operation in urban water management". *Journal of Management & Public Policy*. 2010, 2(1). 71-81.

Salmela, Milla et al. "Towards bioproduction of poly- $\alpha$ -olefins from lignocellulose". *Green Chemistry*. 2020, 22(15). 5067-5076. <https://doi.org/10.1039/d0gc01617a>

Koskue, Veera et al. *Towards enhanced nutrient recovery, biogas production and upgrading through AD and BES integration*. 2019.

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

Khanongnuch, Ramita et al. "Transient-state operation of an anoxic biotrickling filter for H<sub>2</sub>S removal". *Journal of Hazardous Materials*. 2019, 377. 42-51. <https://doi.org/10.1016/j.jhazmat.2019.05.043>

Cajal-Marinoso, Paula et al. "Treatment of Composted Soils contaminated with Petroleum Hydrocarbons using Chemical Oxidation followed by Enhanced Aerobic Bioremediation". *Journal of Advanced Oxidation Technologies*. 2012, 15(1). 217-223.

Kuusipalo, Jurkka and Johanna Lahti. "TTY:ssä panostetaan pakkausalaan". *Pakkaus*. 2010, (5). 35-35.

Takala, Annina et al. "Tulevaisuuden vesiosajaat". *Vesitalous*. 2012, 53(3). 6-7.

Juuti, Petri, Riikka Rajala, and Tapio S. Katko "Tuli: Pelko ja pelastus"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TamPub. 2009, 47-64.

Heino, Ossi "Tuotanto- ja operointi-innovaatiot - case vesihuolto"., Malinen, Pekka and Anttiroiko, Ari-Veikko Haahtela, Tero Siitonen, Pentti (editors). *Huomispäivän infrastruktuuri. Kuntaliiton verkkojulkaisu. Acta 240*. Suomen Kuntaliitto. 2013, 120-138.

Lahti, Johanna and Mikko Tuominen. "Turning up the heat on printability". *Packaging Professional (The Magazine of the Packaging Society)*. 2010, 33(5). 7-7.

Lahti, Johanna and Mikko Tuominen. "Turning up the heat on printability". *Materials World*. 2010, 18(10). 15-15.

Valkama, Pekka, Olavi Kallio and Ossi Heino "Tutkimuksen teoreettinen viitekehys". Valkama, Pekka (ed.). *Markkinainnovaatiot yhdyskuntajätehuollossa : tutkimus jätehuoltopalvelujen markkinoiden evoluutiosta, sovelluksista ja jännitteistä kunnallisen ja yksityisen sektorin rajapinnassa*. Tampere: Tampereen yliopisto, Johtamiskorkeakoulu. 2013, 16-32.

Luomala, Heikki, *Tutkimusohjelma Elinkaaritehokas RAta (TERA): Kokonaisvaltainen ote ratarakennetutkimukseen*, 2016.

Juuti, Petri and Riikka Rajala "Tutkimustoiminnalla turvallisuutta ja toimintavarmuutta: päätös panostaa omaan jätevesilaboratorioon". and Juuti, Petri Rajala, Riikka (editors). *Ei jätevedenpuhdistamoja minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa*. TamPub. 2008, 77-84.

Pynnönen, Kirsikka et al. "Two Years after Donor Funding Ended: Success Factors for Schools to Keep their Urine-Diverting Dry Toilets (UDDTs) Clean and Well Maintained". *Dry Toilet Conference 2012, 4th International Dry Toilet Conference, Full Papers, 22-24 August 2012, Tampere, Finland*. International Dry Toilet Conference. Helsinki: Global Dry Toilet Association of Finland. 2012, 1-10.

Korpinen, Leena *Työntekijöiden altistuminen sähkö- ja magneettikentille 110 kV sähköasemien työtehtävissä* Tampereen teknillinen yliopisto. Energia- ja prosessiteknikan laitos. Raportti. Tampereen teknillinen yliopisto. 2011.

Heino, Ossi. "Ulkoistaminen apuväline vesihuoltoverkoston kunnossapitoon?". *Promaint*. 2012, 26(5). 10-12.

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

Asikainen, Eveliina et al. "Unipoli Green - Four Universities Working Together for Sustainability"., Leal Filho, Walter and Mifsud, Mark Shiel, Chris Pretorius, Rudi (editors). *Handbook of Theory and Practice of Sustainable Development in Higher Education: Volume 3*. World Sustainability Series. Springer International Publishing. 2016, 257-273. [https://doi.org/10.1007/978-3-319-47895-1\\_16](https://doi.org/10.1007/978-3-319-47895-1_16)

Tiitinen, Kalle, Matti Ylitalo and Antti Oksanen "Unsteady computational methods to study jet behaviour in large fluidized bed boiler". *AFRC 2010 Pacific Rim Combustion Symposium, September 26-29, 2010 Sheraton Maui, Hawaii*. 2010, 1-22.

Barraque, Bernard, Petri S. Juuti, and Tapio S. Katko "Urban water conflicts in recent European history: Changing interactions between technology, environment and society". Barraque, Bernard (ed.). *Urban water conflicts*. Urban water series, UNESCO IHP. Taylor & Francis and UNESCO Publishing; A Balkema book. 2012, 15-32.

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

Jaatinen, Sanna, Aino-Maija Lakaniemi, and Jukka Rintala. "Use of diluted urine for cultivation of *Chlorella vulgaris*". *Environmental Technology*. 2016, 37(9). 1159-1170. <https://doi.org/10.1080/09593330.2015.1105300>

Tao, Ran et al. "Use of factorial experimental design to study the effects of iron and sulfur on growth of *Scenedesmus acuminatus* with different nitrogen sources". *Journal of Applied Phycology*. 2019. <https://doi.org/10.1007/s10811-019-01915-5>

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

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

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

Juuti, Petri and Riikka Rajala "Uuden vuosituhatosen tiennäyttäjät – HS-Veden alkutaival". and Juuti, Petri Rajala, Riikka (editors). *Vinttikaivosta vesiyhtiöön*. Saarijärvi: TamPub. 2011, 177-222.

Kainulainen, Tuomo P. et al. "UV-Blocking Synthetic Biopolymer from Biomass-Based Bifuran Diester and Ethylene Glycol". *Macromolecules*. 2018, 51(5). 1822-1829. <https://doi.org/10.1021/acs.macromol.7b02457>

Tuhkanen, Tuula A. and Paula Cajal Marinosa "UV irradiation for Micropollutant removal from aqueous solution in the presence of H<sub>2</sub>O<sub>2</sub>", Virkutyte, Jurate Varma, Rajander Jegatheesan, Veeriah (editors). *Treatment of Micropollutants in Water and Wastewater. Integrated Environmental Technology Series*. 2010, 295-320.

Juuti, Petri and Riikka Rajala "Vaatimus paremmasta puhdistustuloksesta ohjaa jätevedenpuhdistuksen päätöksentekoa". and Juuti, Petri Rajala, Riikka (editors). *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tulevaisuudessa*. TamPub. 2008, 65-72.

Judl, Jáchym and Johanna Mäkinen *Vaihtoehtoisten käyttövoimien hyödyntäminen kaupunkiliikenteen linja-autoissa* Suomen ympäristökeskus (SYKE). 2019.

Juuti, Petri and Riikka Rajala. "Valkea kaupunki, mustat vedet". *Vesitalous*. 2017, 2017(1). 15-17.

Solismaa, Soili et al. "Valorization of Finnish mining tailings for use in the ceramics industry". *BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND*. 2018, 90(1). 33-54. <https://doi.org/10.17741/bgsf/90.1.002>



Korhonen-Yrjänheikki, Kati, Annina Takala and Ida Mielityinen "Values and Attitudes in Engineering Education". Lappalainen, Pia (ed.). *It's just People with People - Views of Corporate Social Responsibility. Aalto University Publication Series Crossover*. 2011, 65-83.

Katko, Tapio. "Vanhuus uhkaa vesihuoltoa". *Aamulehti*. 2013, B16-B16.

Warwick, Michael E A et al. "Vapor phase processing of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> photoelectrodes for water splitting: An insight into the structure/property interplay". *ACS Applied Materials and Interfaces*. 2015, 7(16). 8667-8676.  
<https://doi.org/10.1021/acsami.5b00919>

Rajala, Riikka "Verkoston varrella"., Juuti, Petri and Rajala, Riikka Pietilä, Pekka Katko, Tapio (editors). *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub. 2010, 184-229.

Juuti, Petri , Riikka Rajala, and Tapio S. Katko "Vesi: Vesilaitoksen alkutaival 1920-luvulta 1970-luvulle"., Juuti, Petri Rajala, Riikka Katko, Tapio (editors). *Elämän virta: Kajaanin veden historia*. TamPub. 2009, 65-92.