

Aalto, P, Harsia, P, Heljo, V, Holttinen, H, Jaakkola, I, Järventausta, P, Kirkinen, J, Kojo, M, Konttinen, J, Oksa, AM, Rönkkö, T, Sorri, J & Toivanen, P 2016 'Pohjoismaiden energiapolitiikka 2030: Hiilineutraalimpaan energiajärjestelmään osin yhdessä, osin eri polkuja pitkin ' EL-TRAN analyysi, vol. 4/2016.

Aalto, SL, Saarenheimo, J, Arvola, L, Tirola, M, Huotari, J & Rissanen, AJ 2019, 'Denitrifying microbial communities along a boreal stream with varying land-use', *Aquatic Sciences*, vol. 81, no. 59. <https://doi.org/10.1007/s00027-019-0654-z>

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

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

Anttiroiko, A-V & Heino, O 2012, 'Insentivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus', *Työelämän tutkimus*, vol. 10, no. 3, pp. 298-305.

Anttiroiko, A-V & Heino, O 2013, 'Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka', *Yhdyskuntasuunnittelu*, vol. 51, no. 3, pp. 30-43.

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

Auvinen, K, Maanavilja, L, Seppälä, J, Sankelo, P, Mäkinen, J, Sarkkola, S, Helonheimo, T, Saikku, L, Lounasheimo, J & Riekkinen, V 2020, *Merkittävimmät päästövähennysoimet ilmastomuutoksen hillitsemiseksi*. Suomen ympäristökeskus (SYKE).

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

Barreca, D, Carraro, G, Gasparotto, A, Maccato, C, Warwick, MEA, Kaunisto, K, Sada, C, Turner, S, Gönüllü, Y, Ruoko, T-P, Borgese, L, Bontempi, E, Van Tendeloo, G, Lemmetyinen, H & Mathur, S 2015, 'Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation', *Advanced Materials Interfaces*, vol. 2, no. 17. <https://doi.org/10.1002/admi.201500313>

Bayr, S, Ojanperä, M, Kaparaju, P & Rintala, J 2014, 'Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp', *Waste Management*, vol. 34, no. 10, pp. 1853-1859. <https://doi.org/10.1016/j.wasman.2014.06.005>

Behailu, BM, Suominen, A & Katko, TS 2015, 'Evolution of Community-Managed Water Supply Projects From 1994 to the 2010s in Ethiopia', *Public Works Management and Policy*, vol. 20, no. 4, pp. 379-400. <https://doi.org/10.1177/1087724X15593955>

Behailu, BM, Hukka, JJ & Katko, TS 2017, 'Service Failures of Rural Water Supply Systems in Ethiopia and Their Policy Implications', *Public Works Management & Policy*, vol. 22, no. 2, pp. 179-196. <https://doi.org/10.1177/1087724X16656190>

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

Behailu, BM & Mattila, H 2016, Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology, pp. 431-440, CIB World Building Congress, 1/01/00.

Behailu, BM, Suominen, A, Katko, TS, Mattila, H & Yayehyirad, G 2016, 'Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia', *African Journal of Environmental Science and Technology*, vol. 10, no. 9, 04AF23059936, pp. 292-306. <https://doi.org/10.5897/AJEST2016.2132>

Behailu, BM 2016, *Rural Water and Sanitation: Community Managed Project Approach for Sustainability in Ethiopia*. Tampere University of Technology. Publication, vol. 1435, Tampere University of Technology.

Behailu, BM, Pietilä, PE & Katko, TS 2016, 'Indigenous practices of water management for sustainable services: Case of Borana and Konso, Ethiopia', *SAGE OPEN*, vol. 6, no. 4, pp. 1-11. <https://doi.org/10.1177/2158244016682292>

Blasco, L, Kahala, M, Tampio, E, Ervasti, S, Paavola, T, Rintala, J & Joutsjoki, V 2014, 'Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters', *Anaerobe*, vol. 29, pp. 3-9. <https://doi.org/10.1016/j.anaerobe.2014.04.011>

Butti, SK, Velvizhi, G, Sulonen, MLK, Haavisto, JM, Oguz Koroglu, E, Yusuf Cetinkaya, A, Singh, S, Arya, D, Annie Modestra, J, Vamsi Krishna, K, Verma, A, Ozkaya, B, Lakaniemi, A-M, Puhakka, JA & Venkata Mohan, S 2016, 'Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling', *Renewable and Sustainable Energy Reviews*, vol. 53, pp. 462-476. <https://doi.org/10.1016/j.rser.2015.08.058>

Cajal-Marinoso, P, de la Calle, R, Rivas, FJ & Tuhkanen, T 2012, 'Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil', *Journal of Advanced Oxidation Technologies*, vol. 15, no. 2, pp. 429-436.

Cajal-Marinoso, P, Reich, O, Mobes, A & Tuhkanen, T 2012, 'Treatment of Composted Soils contaminated with Petroleum Hydrocarbons using Chemical Oxidation followed by Enhanced Aerobic Bioremediation', *Journal of Advanced Oxidation Technologies*, vol. 15, no. 1, pp. 217-223.

Carraro, G, Maccato, C, Gasparotto, A, Kaunisto, K, Sada, C & Barreca, D 2016, 'Plasma-Assisted Fabrication of Fe<sub>2</sub>O<sub>3</sub> - Co<sub>3</sub>O<sub>4</sub> Nanomaterials as Anodes for Photoelectrochemical Water Splitting', *Plasma Processes and Polymers*, vol. 13, no. 1, pp. 191-200. <https://doi.org/10.1002/ppap.201500106>

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

Çetinkaya, AY, Köroğlu, EO, Demir, NM, Baysoy, DY, Özkaya, B & Çakmakçı, M 2015, 'Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration', *Chinese Journal of Catalysis*, vol. 36, no. 7, pp. 1068-1076. [https://doi.org/10.1016/S1872-2067\(15\)60833-6](https://doi.org/10.1016/S1872-2067(15)60833-6)

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

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

Chu, B, Dada, L, Liu, Y, Yao, L, Wang, Y, Du, W, Cai, J, Dällenbach, KR, Chen, X, Simonen, P, Zhou, Y, Deng, C, Fu, Y, Yin, R, Li, H, He, XC, Feng, Z, Yan, C, Kangasluoma, J, Bianchi, F, Jiang, J, Kujansuu, J, Kerminen, VM, Petäjä, T, He, H & Kulmala, M 2020, 'Particle growth with photochemical age from new particle formation to haze in the winter of Beijing,

China', *Science of the Total Environment*, vol. 753, 142207. <https://doi.org/10.1016/j.scitotenv.2020.142207>

Ciranna, A, Ferrari, R, Santala, V & Karp, M 2014, 'Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile *Caloramator celer*: Kinetic, metabolic and transcription analyses', *International Journal of Hydrogen Energy*, vol. 39, no. 12, pp. 6391-6401. <https://doi.org/10.1016/j.ijhydene.2014.02.047>

Ciranna, A, Pawar, SS, Santala, V, Karp, M & van Niel, EWJ 2014, 'Assessment of metabolic flux distribution in the thermophilic hydrogen producer *Caloramator celer* as affected by external pH and hydrogen partial pressure', *Microbial Cell Factories*, vol. 13, no. 1, 48. <https://doi.org/10.1186/1475-2859-13-48>

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

D'Ignazio, M 2015, Test in scala reale su argille sensibili: l'esperienza finlandese. in *5 IAGIG, Incontro Annuale dei Giovani Ingegneri Geotecnici*. Rome, Annual Meeting of Young Geotechnical Engineers, 26/07/16.

Du, L, Leivo, V, Kiviste, M, Martuzevicius, D, Turunen, M, Prasauskas, T & Haverinen-Shaughnessy, U 2015, Development of an assessment protocol: the impact of energy retrofits on indoor environmental quality and public health in the existing building stock. in *Healthy Buildings 2015 Europe (HB 2015)*. International Society for Indoor Air Quality and Climate, Healthy Buildings Conference, 1/01/00.

Du, L, Prasauskas, T, Leivo, V, Turunen, M, Kiviste, M, Martuzevicius, D & Haverinen-Shaughnessy, U 2016, The effects of improved energy efficiency on indoor environmental quality in multi-family buildings. in *Indoor Air 2016: The 14th international conference of Indoor Air Quality and Climate Ghent, Belgium July 3-8 2016.*, 737, International conference of Indoor Air Quality and Climate, 1/01/00.

Envall, J, Janhunen, P, Toivanen, P, Pajusalu, M, Ilbis, E, Kalde, J, Averin, M, Kuuste, H, Laizans, K, Allik, V, Rauhala, T, Seppänen, H, Kiprich, S, Ukkonen, J, Haeggström, E, Kalvas, T, Tarvainen, O, Kauppinen, J, Nuottajärvi, A & Koivisto, H 2014, 'E-sail test payload of the ESTCube-1 nanosatellite', *Proceedings of the Estonian Academy of Sciences*, vol. 63, no. 2S, pp. 210-221. <https://doi.org/10.3176/proc.2014.2S.02>

Espinosa-Ortiz, EJ, Shakya, M, Jain, R, Rene, ER, van Hullebusch, ED & Lens, PNL 2016, 'Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets', *Environmental Science and Pollution Research*, vol. 23, no. 21, pp. 21619-21630. <https://doi.org/10.1007/s11356-016-7333-6>

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

Frankberg, EJ, Kalikka, J, Ferré, FG, Joly-Pottuz, L, Salminen, T, Hintikka, J, Hokka, M, Koneti, S, Douillard, T, Le Saint, B, Kreiml, P, Cordill, MJ, Epicier, T, Stauffer, D, Vanazzi, M, Roiban, L, Akola, J, Fonzo, FD, Levänen, E & Masenelli-Varlot, K 2019, 'Highly ductile amorphous oxide at room temperature and high strain rate', *Science*, vol. 366, no. 6467, pp. 864-869. <https://doi.org/10.1126/science.aav1254>

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

Gobba, F, Pääkkönen, R, Tarao, H & Korpinen, L 2012, The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home. in *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium, Electromagnetics Academy, pp. 286-288, Progress in Electromagnetics Research Symposium, 1/01/00.

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

Gogoi, M, Layek, R, Vuorinen, J & Mahato, M 2017, 'Conversion of Solid Waste into Functional Carbon Materials: A Review', *Energy and Environment Focus*, vol. 6, no. 1, pp. 52-68. <https://doi.org/10.1166/eef.2017.1237>

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

Grigonyte, J, Sippula, O, Tissari, J, Laitinen, A, Keskinen, J, Kortelainen, M, Lamberg, H & Jokiniemi, J 2015, A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion. in *European Aerosol Conference 2015: EAC 2015, Milan, Italy.*, 2COA\_P021, European Aerosol Conference, 1/01/00.

Haapala, A, Honkanen, M, Liimatainen, H, Stoor, T & Niinimäki, J 2010, 'Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions', *Chemical Engineering Journal*, vol. 162, pp. 956-964. <https://doi.org/10.2495/MPF090291>

Halinen, A-K 2015, *Heap Bioleaching of Low-grade Multimetal Sulphidic Ore in Boreal Conditions*. Tampere University of Technology. Publication, vol. 1347, Tampere University of Technology.

Hashmi, SG, Tiihonen, A, Martineau, D, Özkan, M, Vivo, P, Kaunisto, K, Vainio, U, Zakeeruddin, SM & Grätzel, M 2017, 'Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking', *Journal of Materials Chemistry A*, vol. 5, no. 10, pp. 4797-4802. <https://doi.org/10.1039/C6TA10605F>

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

Heino, O & Pietilä, P 2013, *Vesihuoltotoimintojen ulkoistaminen Suomessa*. VALTION TEKNILLINEN TUTKIMUSKESKUS, Espoo.

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

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

Heino, O, Takala, A & Vihanta, J 2012, 'Water - The Most Important Subject of the World', *Ympäristöhistoria: Finnish Journal of Environmental History*, no. 1, pp. 44-58.

Heino, O 2013, 'Johtoja ja joukkuehenkeä', *Vesitalous*, no. 3, pp. 11-13.

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

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

Heino, O, Katko, T & Takala, A 2010, 'Ikääntyvä infra - vesihuollon keskeisin haaste', *Vesitalous*, no. 6, pp. 22-24.

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

Heino, O & Takala, A 2013, 'Heikot signaalit vesihuollossa', *Vesitalous*, no. 4, pp. 29-31.

Heino, O & Anttiroiko, A-V 2014, 'Osuuskunnat mukaan infrastruktuuripolitiikkaan', *Osuustoiminta*, vol. 105, no. 5, pp. 54-54.

Heino, O 2012, 'Ulkoistaminen apuväline vesihuoltoverkostojen kunnossapitoon?', *Promaint*, vol. 26, no. 5, pp. 10-12.

Heino, O & Anttiroiko, A-V 2013, 'Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?', *Kuntatekniikka*, no. 1, pp. 40-42.

Heino, O & Takala, A 2013, 'Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään', *Kunnallistieteellinen Aikakauskirja*, vol. 41, no. 3, pp. 226-245.

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

Heino, O, Katko, TS & Pietilä, PE 2015, 'Tighter contracts or more trust? Outsourcing in Finnish water utilities', *Public Works Management and Policy*, vol. 20, no. 4, pp. 360-378. <https://doi.org/10.1177/1087724X14538237>

Heino, O & Anttiroiko, A-V 2014, 'Kohti hajautettua infrastruktuuripolitiikkaa? Paikalliset vesiosuuskunnat perusrakenteiden tuottajina', *Maaseudun uusi aika*, vol. 22, no. 3, pp. 38-50.

Heino, O & Takala, A 2015, 'Social Norms in Water Services: Exploring the Fair Price of Water', *Water Alternatives*, vol. 8, no. 1, pp. 844-858.

Heino, O 2015, 'Vesiosuuskunnat - minä ne tulisi nähdä?', *Osuustoiminta*, vol. 106, no. 2, pp. 51-51.

Heino, O & Takala, A 2015, 'Viewpoint - Paradigm Shift of Water Services in Finland: From Production Mentality to Service Mindset', *Water Alternatives*, vol. 8, no. 3, pp. 433-446.

Heino, O & Anttiroiko, A-V 2015, 'Utility–Customer Communication: The Case of Water Utilities', *Public Works Management and Policy*, vol. 21, no. 3, pp. 220-230. <https://doi.org/10.1177/1087724X15606738>

Heino, O 2015, 'Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina: Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen', *Tiedepolitiikka*, vol. 40, no. 3, pp. 39-46.

Heino, O & Anttiroiko, A-V 2014, *Enabling and Integrative Infrastructure Policy: The Role of Inverse Infrastructures in Local Infrastructure Provision with Special Reference to Finnish Water Cooperatives*. MPRA Paper, no. 60276, MPRA.

Heino, O 2016, *Paradigman jäljillä: Tutkimus vesihuollon ajattelumalleista*. Tampere University of Technology. Publication, vol. 1374, Tampere University of Technology, Tampere.

Heino, O 2017, 'Taking Water Services to the Next Level: A Paradigm Shift?', *Public Works Management & Policy*, vol. 22, no. 1, pp. 12-17. <https://doi.org/10.1177/1087724X16668181>

Heljo, J, Harsia, P, Holttinen, H, Aalto, P, Björkqvist, T, Järventausta, P, Kaivo-oja, J, Kojo, M, Korpela, T, Rautiainen, A, Repo, S, Ruostetsaari, I & Sorri, J 2016 'Tammikuun tehopiikki – mitä tapahtui 7.1.2016? Miten tehoa hallitaan paremmin jatkossa?' EL-TRAN analyysi, vol. 7/2016, pp. 1-15.

Hieta-Wilkman, S, Vesa, J & Korpinen, L 2010, 'Co-operation between technical education of university and electro-technical standardization association', *Elektronika ir Elektrotechnika*, vol. 10, no. 106, pp. 165-168.

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

Hiltunen, A, Ruoko, T-P, Iivonen, T, Lahtonen, K, Ali-Löytty, H, Sarlin, E, Valden, M, Leskelä, M & Tkachenko, N 2018, 'Design aspects of all atomic layer deposited TiO<sub>2</sub>-Fe<sub>2</sub>O<sub>3</sub> scaffold-absorber photoanodes for water splitting', *Sustainable Energy & Fuels*, vol. 2, no. 9, pp. 2124-2130. <https://doi.org/10.1039/C8SE00252E>

Hirvonen, J, Jokisalo, J, Heljo, J & Kosonen, R 2019, 'Towards the EU emissions targets of 2050: optimal energy renovation measures of Finnish apartment buildings', *International Journal of Sustainable Energy*, vol. 38, no. 7.  
<https://doi.org/10.1080/14786451.2018.1559164>

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

Holopainen, S, Kouhia, R, Ottosen, NS, Matti, R & Saksala, T 2016, Modelling of anisotropic fatigue. in JM Floryan (ed.), *Contributions to the foundations of multidisciplinary research in mechanics: Papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM2016, Montreal, Canada, 21-26, Aug. 2016*. vol. 3, IUTAM, pp. 1822-1823, International congress of theoretical and applied mechanics, 5/05/17.

Honkanen, M, Kärkkäinen, M, Kolli, T, Heikkinen, O, Viitanen, V, Zeng, L, Jiang, H, Kallinen, K, Huuhtanen, M, Keiski, RL, Lahtinen, J, Olsson, E & Vippola, M 2016, 'Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging', *Applied Catalysis B-Environmental*, pp. 439-448.  
<https://doi.org/10.1016/j.apcatb.2015.09.054>

Honkanen, M, Kärkkäinen, M, Heikkinen, O, Kallinen, K, Kolli, T, Huuhtanen, M, Lahtinen, J, Keiski, RL, Lepistö, T & Vippola, M 2015, 'The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II: Characterization of Structural Changes by Transmission Electron Microscopy', *Topics in Catalysis*, vol. 58, no. 14, pp. 971-976.  
<https://doi.org/10.1007/s11244-015-0465-y>

Hukka, JJ, Katko, TS & Pietilä, PP 2011, 'Lack of water engineers hampering development. North-South cooperation in higher education is a must', *Rakennustekniikka*, vol. 66, no. 2, pp. 58-61.

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

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

Hukka, JJ, Katko, TS & Pietilä, PP 2011, 'Syytä olla ylpeä', *Kehitys*, no. 2, pp. 40-40.

Hukka, JJ, Katko, TS, Pietilä, PE & Seppälä, OT 2010, 'Towards balanced public-private co-operation in urban water management', *Journal of Management & Public Policy*, vol. 2, no. 1, pp. 71-81.

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

Hukka, J, Katko, T & Pietilä, P 2006, 'Vesihuollolla voidaan myös paikata kuntataloutta', *Kauppalehti*, pp. s. 19.

Hukka, JJ, Castro, JE & Pietilä, PE 2010, 'Water, policy and governance', *Environment and History*, vol. 16, no. 2, pp. 235-251. <https://doi.org/10.3197/096734010X12699419057377>

Hukka, JJ & Katko, TS 2015, 'Appropriate pricing policy needed worldwide for improving water services infrastructure', *Journal American Water Works Association*, vol. 107, no. 1, pp. E37-E46. <https://doi.org/10.5942/jawwa.2015.107.0007>

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

Hukka, J & Katko, TS 1999, 'Water supply and sanitation as an entry point to human development: Vision21- Knowledge synthesis.', *Vision21- Knowledge synthesis*.

Hukka, J, Katko, TS & Pietilä, P 2019, 'Koulutus ja tutkimus kehityksen moottorina', *Econetin asakaslehti AQ*, no. 3, pp. 13.

Huovinen, P 2015, Leveraging concepts for environmentally sustainable business management in construction - a focused review. in C Egbu (ed.), *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. IBEA Publications Ltd, London, UK, pp. 286-296, International Council for Research and Innovation in Building and Construction Conference, 1/01/00.

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

Hynynen, A, Juuti, P & Katko, T 2011, The Fountain A Harbinger of a New Era in Case Tampere. in AJ Hynynen, PS Juuti & TS Katko (eds), *Water Fountains in the Cityscape. Essays in Public Works History*. Essays in Public Works History, vol. 30, Public Works Historical Society, Kansas City,MO, pp. 63-70.

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

Hynynen, AJ, Juuti, PS & Katko, TS (eds) 2012, *Water Fountains in the Worldscape*. International Water History Association and Kehrämedia Inc., Kangasala.

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

Hynynen, AJ, Juuti, PS & Katko, TS (eds) 2011, *Water Fountains in the Cityscape*. Essays in Public Works History, vol. 30, Public Works Historical Society, Kansas City,MO.

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

Inha, LM, Katko, TS & Rajala, RP 2019, 'Improved water services cooperation through clarification of rules and roles', *Water (Switzerland)*, vol. 11, no. 10, 2172. <https://doi.org/10.3390/w11102172>

- Inha, L, Juuti, P, Katko, TS, Rajala, R & Pietilä, P 2019, 'Vetoa vesihuoltopalveluihin täydennyskoulutuksen kautta', *Kuntatekniikka*, vol. 73, no. 5, pp. 6-7.
- Inha, L, Katko, TS & Rajala, R 2019, 'Vesihuollon instituutiot vaativat taitavaa jalkapallopeleä', *Rakennustekniikka*, vol. 75, no. 3, pp. 38-40.
- Jaatinen, T, Katko, T & Pynnönen, S 2010, 'Vesitalous - monipuolisesti vesialalta', *Vesitalous*, no. 6, pp. 45-47.
- Jaatinen, T, Katko, TS, Pynnönen, S & Vihanta, JS 2012, 'Focus and Change of Water Management in Finland – Analysis of Vesitalous Journal, 1960-2009', *Ympäristöhistoria: Finnish Journal of Environmental History*, no. 3, pp. 10-32.
- Jaatinen, S, Lakaniemi, A-M & Rintala, J 2016, 'Use of diluted urine for cultivation of *Chlorella vulgaris*', *Environmental Technology*, vol. 37, no. 9, pp. 1159-1170. <https://doi.org/10.1080/09593330.2015.1105300>
- Jain, R, Dominic, D, Jordan, N, Rene, ER, Weiss, S, van Hullebusch, ED, Hübner, R & Lens, PNL 2016, 'Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles', *Chemical Engineering Journal*, vol. 284, pp. 917–925. <https://doi.org/10.1016/j.cej.2015.08.144>
- Järvinen, A, Karjalainen, P, Bloss, M, Potila, O, Simonen, P, Kuuluvainen, H, Timonen, H, Saarikoski, S, Niemi, JV, Keskinen, J & Rönkkö, T 2017, 'Chasing measurements for real-world emissions of city buses' Paper presented at European Aerosol Conference 2017, Zürich, Switzerland, 27/08/17 - 1/09/17, .
- Järvinen, H, Honkanen, M, Oja, O, Järvenpää, M & Peura, P 2019, 'Microstructure-property relationships of novel ultra-high strength press hardening steels', *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, vol. 50, no. 2, pp. 816-836. <https://doi.org/10.1007/s11661-018-4967-7>
- Judl, J & Mäkinen, J 2019, *Vaihtoehtoisten käyttövoimien hyödyntäminen kaupunkiliikenteen linja-autoissa*. Suomen ympäristökeskus (SYKE).
- Judl, J & Mäkinen, J 2019, *Utilising alternative fuels and technologies in city buses*. Suomen ympäristökeskus (SYKE).
- Juuti, PS, Katko, TS & Vinnari, EM 2010, 'Editorial Note: "Pasts and Futures of Water"', *Environment and History*, vol. 16, no. a, pp. 167-171. <https://doi.org/10.3197/096734010X12699419057214>
- Juuti, PS, Katko, TS & Vuorinen, HS 2007, Part II: Period of Slow Development. Ch 8. Introduction: pp. 99-102. Conclusions. in KTS Juuti P.S. & HS Vuorinen (eds), 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. pp. 99-102.
- Juuti, PS, Katko, TS, Mäki, HR, Nyanhaga, EN, Rautanen, S-L & Vuorinen, HS (eds) 2007, *Governance in water sector - comparing development in Kenya, Nepal, South Africa and Finland*. Unknown Publisher.
- Juuti, PS, Katko, TS & Vuorinen, HS 2006, Environmental history of water: Global view of community water supply and sanitation. in *Symposium Preprint Book: 1st IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations, Iraklio, Greece, 27.10.2006*. pp. 631-636.
- Juuti, PS, Katko, TS & Vuorinen, HS 2007, Part III: Modern Urban Infrastructure. Ch 20 Introduction. in KTS Juuti P.S. & HS Vuorinen (eds), 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. pp. 509-510.
- Juuti, PS & Katko, TS 2005, 'Hätä ei häviä käymälöitä poistamalla', *www.huussi.net*, pp. 7 s.



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

Juuti, PS, Katko, TS & Schwartz, K (eds) 2013, *Prologue*. IWA Publishing.

Juuti, PS, Katko, TS & Vuorinen, HS 2007, Conclusions. in KTS Juuti P.S. & HS Vuorinen (eds), 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. pp. 259-262.

Juuti, PS, Katko, TS & Schwartz, K (eds) 2013, *Epilogue*. IWA Publishing.

Juuti, PS, Katko, TS & Vuorinen, HS 2007, Conclusions. in KTS Juuti P.S. & HS Vuorinen (eds), 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. pp. 501-506.

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

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

Juuti, P & Katko, T 2007, 'Ilmasto muuttuu, riittääkö vesi?', *Aamulehti*.

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

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

Juuti, PS & Katko, TS 2005, Historical development of water and sanitation services. in PS Juuti & TS Katko (eds), *Water, Time and European Cities. History matters for the Futures*. Tampere University Press, Tampere, pp. 25-38.

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

Juuti, P, Katko, T & Rajala, R 2011, 'Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910', *Kuntateknikka*, vol. 66, no. 1, pp. 49-50.

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

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

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

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

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

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

Juuti, P, Rajala, R, Pietilä, P & Katko, T 2011, 'Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia', *Vesitalous*, vol. 52, no. 5, pp. 36-40.

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

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

Juuti, PS & Katko, TS 2005, Comparative analysis and discussion. in PS Juuti & TS Katko (eds), *Water, Time and European Cities. History matters for the Futures*. Tampere University Press, Tampere, pp. 219-240.

Juuti, PS & Katko, TS (eds) 2005, *Water, Time and European Cities : History matters for the Futures*. Tampere University Press, Tampere.

Juuti, PS & Katko, TS 2005, Long-term strategic decisions in 13 countries and 29 cities. in PS Juuti & TS Katko (eds), *Water, Time and European Cities. History matters for the Futures*. Tampere University Press, Tampere, pp. 50-72.

Juuti, PS, Katko, TS & Vuorinen, HS 2007, Conclusions. in KTS Juuti P.S. & HS Vuorinen (eds), 2007. *Environmental History of Water - Global views on community water supply and sanitation*. IWA Publishing. pp. 93-96.

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

Juuti, P & Katko, T 2005, 'Viinikanlahden siirto vielä harkintaan', *Aamulehti*.

Juuti, PS, Antoniou, GP, Dragoni, W, El-Gohary, F, De Feo, G, Katko, TS, Rajala, RP, Zheng, XY, Drusiani, R & Angelakis, AN 2015, 'Short Global History of Fountains', *Water*, vol. 7, no. 5, pp. 2314-2348.  
<https://doi.org/10.3390/w7052314>

Juuti, P & Rajala, R 2017, 'Sata vuotta Suomen suurimmasta lavantautiepidemiasta', *Vesitalous*, vol. 2017, no. 1, pp. 12-14.

Juuti, P & Rajala, R 2017, 'Valkea kaupunki, mustat vedet', *Vesitalous*, vol. 2017, no. 1, pp. 15-17.

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

- Juuti, P & Rajala, R 2011, Vesihuollon alkutaival – kehitys 1910 asti. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 19-50.
- Juuti, P & Rajala, R 2011, Kasvun ja veden kausi – I vesilaitoksesta II maailmansotaan. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 51-74.
- Juuti, P & Rajala, R 2011, Laajentumisen aika. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 75-118.
- Juuti, P & Rajala, R 2011, Vesihuoltoa kuntiin. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 119-176.
- Juuti, P & Rajala, R 2011, Uuden vuosituhannen tiennäyttäjät – HS-Veden alkutaival. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 177-222.
- Juuti, P & Rajala, R 2011, Vesi on parasta kylmänä – loppusanat. in P Juuti & R Rajala (eds), *Vinttikaivosta vesiyhtiöön*. TamPub, Saarijärvi, pp. 223-231.
- Juuti, P & Rajala, R 2010, Mihin jätevedenpuhdistusta tarvitaan? in P Juuti, R Rajala & T Katko (eds), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub, pp. 13-35.
- Juuti, P & Rajala, R 2010, Jätevedenpuhdistuksen ja viemäroinnin vaiheita Helsingissä. in P Juuti, R Rajala & T Katko (eds), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub, pp. 36-90.
- Juuti, P & Rajala, R 2010, Pääkaupunkiseudun moderni jätevedenpuhdistus ja Viikinmäen puhdistamo. in P Juuti, R Rajala & T Katko (eds), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub, pp. 91-113.
- Juuti, P & Rajala, R 2010, Tavoitteena puhdas asuinympäristö. in P Juuti, R Rajala & T Katko (eds), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub, pp. 114-134.
- Juuti, P & Rajala, R 2010, Kohti puhtaampaa Itämerä. in P Juuti, R Rajala & T Katko (eds), *Metropoli ja meri - 100 vuotta jätevedenpuhdistusta Helsingissä*. TamPub, pp. 135-142.
- Juuti, P, Pietilä, P & Rajala, R 2010, Johdanto: vesirikas Riihimäki. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 26-33.
- Juuti, P & Rajala, R 2010, Vesilinna, Riihimäen maamerkki. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 148-183.
- Juuti, P & Rajala, R 2010, Vesihuollon haasteet ennen ja nyt. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 278-299.
- Juuti, P, Rajala, R & Pietilä, P 2010, Hyvien yhteyksien ja hyvän veden kaupunki. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 314-333.
- Juuti, P 2010, Kaivoista ja käymälöistä kohti kunnallista vesihuoltoa. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 34-63.
- Juuti, P 2010, "Poika, nyt lähdettiin hommiin" - vesilaitos syntyy. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 64-109.

Juuti, P 2010, Vesihuollon historia pähkinänkuoressa. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 300-313.

Juuti, P & Rajala, R 2009, Vesihuoltoa espoossa ennen kunnallista vesilaitosta. in P Juuti & R Rajala (eds), *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere, pp. 5-26.

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

Juuti, P & Rajala, R 2009, Ensimmäiset fuusiosuunnitelmat. in P Juuti & R Rajala (eds), *Vesihuoltoyhteistyötä yli rajojen: PK-seudun yhteistyöhankkeet ja yhdistämissuunnitelmat ennen ja nyt Espoon näkökulmasta*. University of Tampere, pp. 39-76.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Juuti, P & Rajala, R 2008, Vesihuollon alku Espoossa: ensimmäiset päätökset. in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 19-38.

Juuti, P & Rajala, R 2008, Yhteistyötarpeet ja synergiaedut : miksi hoitaa kaikkien jätevedet? in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 39-64.

Juuti, P & Rajala, R 2008, Vaatimus paremmasta puhdistustuloksesta ohjaa jätevedenpuhdistuksen päätöksentekoa. in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 65-72.

Juuti, P & Rajala, R 2008, Espoo päättää siirtyä kärkipaikalle. in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 73-76.

Juuti, P & Rajala, R 2008, Tutkimustoiminnalla turvallisuutta ja toimintavarmuutta: päätös panostaa omaan jätevesilaboratorioon. in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 77-84.

Juuti, P & Rajala, R 2008, Voimaa historiallisesta yhteistyöstä. in P Juuti & R Rajala (eds), *Ei jätevedenpuhdistamoa minun takapihalleni: Jätevedenpuhdistuksen päätöksenteko, päätäntäprosessit ja julkinen keskustelu Espoossa historiassa, nyt ja tuelvaisuudessa*. TamPub, pp. 85-100.

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

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

Juuti, P, Katko, TS & Rajala, R 2017, 'Sata vuotta vesihuoltoa Suomessa', *Vesitalous*, vol. 58, no. 6, pp. 13-15.

Juuti, P 2017, Ympäristö- ja vesihistorian tutkimuksesta 2000-luvulla Suomessa. in P Juuti & K Uusi-Rasi (eds), *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä*. vol. 3, Tampereen dosenttiyhdistys, pp. 44-48.

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

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

Juuti, P & Rajala, R 2018, 'Vesihuoltopalvelujen tutkimus-, kehittämis- ja innovaatioklusterin (VEPATUKI) ensimmäinen vuosi keskittyy saneeraustarpeeseen', *Vesitalous*, no. 5, pp. 21-23.

Juuti, P & Rajala, R 2018, 'Kapkaupungin pysyvä vesikriisi – ratkeaako vesipula, jos lisää vettä pumpataan vuotavaan verkostoon', *Vesitalous*, no. 5, pp. 39-42.

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

Juuti, P & Rajala, R 2018, Water Cooperatives in Tampere, Finland: the case of Pispala. in *WATERLAT GOBACIT network. Working papers. Challenges and opportunities facing water-service co-operatives: cases from Argentina and Finland*. 4 edn, vol. 5, WATERLAT GOBACIT, no. 4, vol. 5, WATERLAT-GOBACIT Research Network, pp. 23-32. <https://doi.org/10.5072/zenodo.316861>

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

Kainulainen, TP, Sirviö, JA, Sethi, J, Hukka, TI & Heiskanen, JP 2018, 'UV-Blocking Synthetic Biopolymer from Biomass-Based Bifuran Diester and Ethylene Glycol', *Macromolecules*, vol. 51, no. 5, pp. 1822-1829. <https://doi.org/10.1021/acs.macromol.7b02457>

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

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

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

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

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

Kannisto, M, Aho, T, Karp, M & Santala, V 2014, 'Metabolic engineering of *Acinetobacter baylyi* ADP1 for improved growth on gluconate and glucose', *Applied and Environmental Microbiology*, vol. 80, no. 22, pp. 7021-7027. <https://doi.org/10.1128/AEM.01837-14>

Kärkkäinen, M, Kolli, T, Honkanen, M, Heikkinen, O, Huuhtanen, M, Kallinen, K, Lepistö, T, Lahtinen, J, Vippola, M & Keiski, RL 2015, 'The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part I: Activity Measurements, Elementary and Surface Analyses', *Topics in Catalysis*, vol. 58, no. 14, pp. 961-970. <https://doi.org/10.1007/s11244-015-0464-z>

- Karvinen, R & Karvinen, T 2010, Geometry of plate fins for maximizing heat transfer. in *14th International Heat Transfer Conference IHTC-14, August 8-13, 2010, Washington DC, USA*. ASME, pp. 1-10.
- Karvinen, R 2010, Use of analytical expressions of convection in conjugated heat transfer problems. in *Proceedings of the International Heat Transfer IHTC-14, August 8-13, 2010, Washington DC, USA*. ASME, pp. 1-13.
- Katko, TS 2014, 'Vieraskynä : Vesialan osaamista kehitettävä yhteiskunnan tarpeista', *Vesitalous*, no. 1/2014, pp. 51-51.
- Katko, T 2009, 'Missä, missä se kaivo on?', *Vesimittari, HS-Veden asiakaslehti*, no. 1, pp. s. 8.
- Katko, TS 2007, *Yhteistä vettä: Tuusulan seudun vesilaitos kuntayhtymä 1967-2007*. Tuusulan seudun vesilaitos kuntayhtymä .
- Katko, TS & Juuti, PS 2014, History of water and sanitation services in Finland in the urban-rural mixture : The Case of the City of Tampere, Finland. in T Tvedt & T Oestigaard (eds), *A History of Water: Water and Urbanization: Series III, Volume 1*. I. B. Tauris, London, pp. 498-519.
- Katko, TS, Kurki, VO, Juuti, PS, Rajala, RP & Seppälä, OT 2010, 'Integration of water and wastewater utilities', *Journal American Water Works Association*, vol. 102, no. 9, pp. 62-70.
- Katko, TS & Rautavaara, A 2013, Developing community water services and cooperation in Finland and the South. in J Griffiths & R Lambert (eds), *Free Flow - Researching Water Security Through Cooperation*. United Nations Educational, Scientific and Cultural Organization; Unesco Publishing; Tudor Rose, pp. 240-244.
- Katko, TS 2013, *Hanaa! Suomen vesihuolto - kehitys ja yhteiskunnallinen merkitys*. Suomen Vesilaitosyhdistys ry, Helsinki.
- Katko, T & Juuti, PS 2014, 'Lähteet Suomen vesihuollossa', *Vesitalous*, no. 4, pp. 15-18.
- Katko, TS & Pietilä, PE 2012, 'Vesihuollossa kuntayhteistyö toimii', *Aamulehti*.
- Katko, T 2010, Pintavedestä pohjaveteen ja tekopohjaveteen. in P Juuti, T Katko, S Louekari & R Rajala (eds), *Näkymätönt Porii. Porin Veden historia*. pp. 236-311.
- Katko, T 2011, 'Water education makes a global difference', *Interface: Science Magazine*, no. 1/2011, pp. 1-3.
- Katko, T 2013, 'Vesihuollossa muhii aikapommi', *Kanava*, no. 8, pp. 37-40.
- Katko, T 2011, 'Lyhyestä tiede kaunis?', *Tiedepolitiikka*, vol. 36, no. 2, pp. 55-55.
- Katko, TS, Juuti, PS & Tempelhoff, J 2010, 'Water and the city', *Environment and History*, vol. 16, no. 2, pp. 213-234. <https://doi.org/10.3197/096734010X12699419057331>
- Katko, TS 2014, 'Book review : Oestigaard, T. 2013. Water, Christianity and the rise of capitalism. London, New York: I.B. Tauris. ISBN 978-1-78076-066-7, 209 pages', *Water Alternatives*, vol. 7, no. 1, pp. 273-274.
- Katko, TS 2013, 'Vesihuollon kehitys ja yhteiskunnallinen merkitys : Hapertuvatko hanat?', *Kuntatekniikka*, no. 5, pp. 14-16.

- Katko, TS, Kurki, VO, Juuti, PS, Rajala, RP & Seppälä, OT 2013, Integration of water and wastewater utilities. in TS Katko, PS Juuti, K Schwartz & RP Rajala (eds), *Water Services Management and Governance : Lessons for a Sustainable Future*. IWA Publishing, pp. 29-40.
- Katko, T 2010, 'Book Review: Graham, S. (Ed.), Disrupted Cities: When Infrastructure Fails', *Public Works Management & Policy*, Vol. 14, Nr 4, April 2010.
- Katko, T 2013, 'Vanhuus uhkaa vesihuoltoa', *Aamulehti*, pp. B16-B16.
- Katko, T 2011, 'Pääkirjoitus. Veden keskeinen merkitys yhteiskunnassa ja yhdyskunnissa', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 1, no. 2, pp. 4-7.
- Katko, TS, Hukka, JJ, Mashauri, DA & Nyangeri, EN 2014, Water services and cooperation. in RQ Grafton, P Wyrwoll, C White & D Allendes (eds), *Global water : issues and insights*. ANU Press, Australian National University Press, Australia, pp. 231-239.
- Katko, T 2011, 'Editorial. Central role of water in society and community', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 1, no. 2, pp. 8-11.
- Katko, T 2010, Asteittain kohti keskitettyä jätevedenpuhdistusta. in P Juuti, T Katko, S Louekari & R Rajala (eds), *Näkymätönt Porrii. Porin Veden historia*. pp. 312-369.
- Katko, TS 2013, 'Dags att syna utmaningarna inom vattenförsörjningen', *Finlands Kommuntidning*, vol. 19, no. 8, pp. 30-31.
- Katko, TS 2013, 'Vesihuolto osana näkymätöntä kaupunkia', *RY Rakennettu ympäristö*, vol. 50, no. 5, pp. 18-21.
- Katko, TS 2012, 'Vesihuollon historian lyhyt oppimäärä', *Econetin asakaslehti AQ*, no. 3, pp. 22-22.
- Katko, TS 2013, 'Pääkirjoitus : Vesihuoltolaitosten tarinat imagon nostajana / Editorial : Relevance of history for current water services management and governance', *Ympäristöhistoria: Finnish Journal of Environmental History*, no. 2.
- Katko, TS 2010, 'Yhdysvaltain vesihuollossa julkissektori avainasemassa. Haasteina niukentuvien vesivarojen hallinta ja ikääntyvä infrastruktuuri', *Kuntatekniikka*, no. 8, pp. 44-47.
- Katko, TS 2012, "Rocky Fountains" of Keciören, Turkey. in JH Ari, SJ Petri & SK Tapio (eds), *Water Fountains in the Worldscape*. International Water History Association and KehräMedia, Kangasala, pp. 128-131.
- Katko, TS, Lukka, A & Rajala, R 2015, 'Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle', *Vesitalous*, no. 2, pp. 45-47.
- Katko, TS & Hukka, JJ 2016, 'Vesihuollon strateginen kehittäminen haltuun: Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi', *Kuntatekniikka*, vol. 70, no. 2, pp. 12-13.
- Katko, TS & Hukka, JJ 2016, Institutional development is the key for sustainable water services in the built environment. in S Nenonen & J-M Junnonen (eds), *Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions*. Tampere University of Technology. Department of Civil Engineering, Tampere, pp. 419-430, CIB WORLD BUILDING CONGRESS, 1/01/00.
- Katko, TS 2016, *Finnish water services: Experiences in global perspective*. Finnish Water Utilities Association, Helsinki.



- Katko, TS, Juuti, P, Pietilä, P & Rajala, R 2015, Water services heritage and institutional diversity. in W Willems & H van Schaik (eds), *Water and Heritage: material, conceptual and spiritual connections*. Sidestone Press.
- Katko, TS 2015, 'Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 5, no. 1, pp. 4-5.
- Katko, TS 2013, 'Opening of the seminar' Paper presented at 2nd UNECWAS SEMINAR, Tampere, Finland, 29/10/13 - 29/10/13, .
- Katko, TS 2014, 'The Challenge of Aging Infrastructure, Aging Staff and Reflections for Education and Research' Paper presented at 3rd UNECWAS Seminar "Water Services in Development and Society", 1/01/14, .
- Katko, T 2012, 'Education, Research and Capacity Building for Water Services' Paper presented at UNESCO Chair in Sustainable Water Services (UNECWAS) seminar 2012, 20.9.2012, Tampere, Finland, 1/01/12, .
- Katko, TS 1994, 'The need for "champions" in rural water supply', *Waterlines*, vol. 12, no. 3, pp. 19-22.
- Katko, TS 2017, 'Toimiva vesihuolto ei ole itsestäänselvyys.', *Promaint*, vol. 29, no. 2, pp. 17.
- Katko, TS & Hukka, J 2017, 'Vesihuollon koulutus on erinomaista kehitysyhteistyötä: Keskustelua.', *Kanava*, vol. 45, no. 3, pp. 57-58.
- Katko, TS 2017, 'Vesihuollon globaalit haasteet ja instituutioiden roolit', *Econetin asiakaslehti AQ*, no. 1, pp. 15.
- Katko, TS 2017, 'Global challenges and role of institutions in water services', *Econetin asiakaslehti AQ*, no. 1, pp. 15.
- Katko, TS 2017, *Historian hajuista tuoksujen tulevaisuuteen: Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta*. TamPub, Tampere.
- Katko, TS 2017, 'Kirja-arviointi: Kuinka vesiensuojelu saatiin pääosin kuntoon?', *Vesitalous*, vol. 58, no. 4, pp. 46-47.
- Katko, TS & Hukka, JJ 2017, Tempoilevasta tiede- ja koulutuspolitiikasta kohti laajempaa näkemystä. in P Juuti & K Uusi-Rasi (eds), *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä* . Tampereen dosenttiyhdistyksen julkaisuja, Tampereen dosenttiyhdistys, Tampere, pp. 32-39.
- Katko, TS, Juuti, P & Rajala, R 2017, 'Vesihuollon ammattilaiset ovat verkostoituneet kautta aikojen', *Vesitalous*, vol. 58, no. 6, pp. 16-19.
- Katko, TS & Pietilä, P 2017, 'Vesihuolto kaupungistuvissa yhteiskunnissa', *Alue ja Ympäristö*, vol. 46, no. 1, pp. 32-39.
- Katko, TS 2017, *Finnish water services: Experiences in global perspective* . IWA Publishing, London.
- Katko, TS 2018, 'Finland's Water Services: Looking to its Past to Figure Out its Future.', *Water and Wastewater International*.
- Katko, TS 2018, 'Water Services Development and Governance in Finland. Feature Article. JAWWA. 110, 5: 50-55.', *Journal American Water Works Association*, vol. 110, no. 5, pp. 50-55. <https://doi.org/10.1002/awwa.1079>
- Katko, TS & Juuti, P 2018, 'Suomen vesihuollon kehitys kansainvälisessä kontekstissa', *Tekniikan Waiheita: Teknik I Tiden*, vol. 36, no. 2, pp. 5-24.

Katko, TS 2018, 'Kirja-arviointi:Yliopistomme vaarassa hukkuu byrokraatiaan. Pekka Kauppi. Kahlittu yliopistomme. Miten vapaudumme byrokraatiasta ja opetuksen ylenkatsomisesta. Into Kustannus Oy. 2017. ', *Tiedepolitiikka*, vol. 43, no. 1, pp. 58-60.

Katko, TS 2018, 'WC-tilat ja -opasteet vain likana silmissämme?', *Kuntatekniikka*, vol. 72, no. 4, pp. 45.

Katko, TS 2019, 'Vesihuollon koulutus ja tutkimus lähemmäksi rakennettua ympäristöä', *Vesitalous*, vol. 60, no. 4, pp. 24-25.

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

Katko, TS, Inha, L & Rajala, R 2019, 'Vesihuolto yhdyskuntien ympäristön turvaajana: uskomuksia ja todellisuuksia', *Ympäristökasvatus*, no. 2.

Katko, TS & Rajala, RP 2019, 'Book Review: Time for Customer Orientation in Water Utilities Customer experience management for water utilities. Marketing urban water supply', *Public Works Management & Policy*, vol. 24, no. 2, pp. 228-230. <https://doi.org/10.1177/1087724X18820014>

Keipi, T, Tolvanen, H, Kokko, L & Raiko, R 2014, 'The effect of torrefaction on the chlorine content and heating value of eight woody biomass samples', *Biomass & Bioenergy*, vol. 66, pp. 232-239.  
<https://doi.org/10.1016/j.biombioe.2014.02.015>

Keipi, T, Tolvanen, H & Konttinen, J 2018, 'Economic analysis of hydrogen production by methane thermal decomposition: Comparison to competing technologies', *Energy Conversion and Management*, vol. 159, pp. 264-273.  
<https://doi.org/10.1016/j.enconman.2017.12.063>

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

Kerokoski, O, Rantala, T & Nurmikolu, A 2016, Deterioration mechanisms and life cycle of concrete monoblock railway sleepers in Finnish conditions. in *WCRR 2016 Proceedings: 11th World congress on railway research, 29.5-2.6.2016, Milano*. WORLD CONGRESS ON RAILWAY RESEARCH, 1/01/00.

Keskikuru, T, Salo, J, Huttunen, P, Kokkoti, H, Hyttinen, M, Halonen, R & Vinha, J 2018, 'Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling', *Building and Environment*, vol. 138, pp. 1-10. <https://doi.org/10.1016/j.buildenv.2018.04.026>

Khanongnuch, R, Di Capua, F, Lakaniemi, A-M, Rene, E & Lens, PNL 2017, 'Effect of N/S ratio on anoxic sulfide oxidizing bioreactors' Paper presented at Biotechniques 2017, La Coruña, Spain, 19/07/17 - 22/07/17, .

Khanongnuch, R, Di Capua, F, Lakaniemi, A-M, Rene, ER & Lens, P 2019, 'Long-term performance evaluation of an anoxic sulfur oxidizing moving bed biofilm reactor under nitrate limited conditions', *Environmental Science: Water Research & Technology*, vol. 5, no. 6, pp. 1072-1081. <https://doi.org/10.1039/C9EW00220K>

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

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

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

Kinnunen, P, Ismailov, A, Solismaa, S, Sreenivasan, H, Räisänen, M-L, Levänen, E & Illikainen, M 2018, 'Recycling mine tailings in chemically bonded ceramics - A review', *Journal of Cleaner Production*, vol. 174, pp. 634-649. <https://doi.org/10.1016/j.jclepro.2017.10.280>

Koisaari, T, Utraiainen, R, Kari, T & Tervo, T 2019, 'The most difficult at-fault fatal crashes to avoid with current active safety technology', *Accident Analysis and Prevention*, vol. 135, no. 2020, 105396. <https://doi.org/10.1016/j.aap.2019.105396>

Koivisto, K, Forsman, J, Ronkainen, M, Lahtinen, P, Kolisoja, P & Kuula, P 2016, Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice. in *Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May*. Icelandic Geotechnical Society, Reykjavik, NORDIC GEOTECHNICAL MEETING, 1/01/00.

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

Kokko, L 2014, *A method for finding suitable particle sizes for thermal conversion processes by using a simulation tool focusing on wood particle heat transfer and chemical kinetics*. Tampere University of Technology. Publication, vol. 1260, Tampere University of Technology, Tampere.

Kokko, L, Tolvanen, H, Hämäläinen, K & Raiko, R 2012, 'Comparing the energy required for fine grinding torrefied and fast heat treated pine', *Biomass & Bioenergy*, vol. 42, no. Jul, pp. 219-223. <https://doi.org/10.1016/j.biombioe.2012.03.008>

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

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

Kontinen, J, Kramb, J, DeMartini, N & Gomez-Barea, A 2017, The role of inorganics in modelling of biomass gasification. in L Ek, H Ernrooth, N Scarlat, A Grassi & P Helm (eds), *EUBCE 2017 Online Conference Proceedings*. European biomass conference and exhibition proceedings, ETA-Florence Renewable Energies, pp. 443-447, EUROPEAN BIOMASS CONFERENCE AND EXHIBITION PROCEEDINGS, 1/01/00. <https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

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

Korpela, MT, Kurittu, JS, Karvinen, JT & Karp, MT 1998, 'A recombinant Escherichia coli sensor strain for the detection of tetracyclines', *Analytical Chemistry*, vol. 70, no. 21, pp. 4457-4462. <https://doi.org/10.1021/ac980740e>

Korpinen, L, Kuisti, H, Elovaara, J & Virtanen, V 2012, 'Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines', *PACE: Pacing and Clinical Electrophysiology*, vol. 35, no. 4, pp. 422-430. <https://doi.org/10.1111/j.1540-8159.2011.03327.x>

Korpinen, L 2012, 'Testattua tahdistusta', *Sähkö & Tele*, vol. 85, no. 3, pp. 24-26.

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

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

Korpinen, L, Kuisti, H, Tarao, H & Pääkkönen, R 2012, Measurers' Exposure to Extremely Low Frequency Magnetic Fields at 400 kV Substations. in *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium, Electromagnetics Academy, pp. 282-285, Progress in Electromagnetics Research Symposium, 1/01/00.

Korpinen, L, Kuisti, HA, Tarao, H & Elovaara, JA 2012, 'Occupational Exposure to Electric Fields and Currents Associated With 110 kv Substation Tasks', *Bioelectromagnetics*, vol. 33, no. 5, pp. 438-442. <https://doi.org/10.1002/bem.21711>

Korpinen, L & Alanko, T 2011, *Sähkö- ja elektroniikkateollisuuden ympäristökysymykset*. Tampereen teknillinen yliopisto, Energia- ja prosessitekniiikan laitos, Opintomoniste, vol. 1, Tampereen teknillinen yliopisto.

Korpinen, L & Pääkkönen, R 2009, 'Mental symptoms and the use of new technical equipment', *International Journal of Occupational Safety and Ergonomics*, vol. 15, no. 4, pp. 385-400.

Korpinen, L & Pääkkönen, R 2010, 'Self-reported use of ICT (Information and communication technology) uptake in 2002 and discomfort amongst Finns aged 45-66', *Applied Ergonomics*, no. 42, pp. 85-90. <https://doi.org/10.1016/j.apergo.2010.05.005>

Korpinen, L 2011, *Työntekijöiden altistuminen sähkö- ja magneettikentille 110 kV sähköasemien työtehtävissä*. Tampereen teknillinen yliopisto. Energia- ja prosessitekniiikan laitos. Raportti, vol. 192, Tampereen teknillinen yliopisto.

Korpinen, L, Kuisti, H, Pääkkönen, R, Vanhala, P & Elovaara, J 2011, 'Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV', *Annals of Occupational Hygiene*, vol. 55, no. 5, pp. 526-536. <https://doi.org/10.1093/annhyg/mer013>

Korpinen, L & Pääkkönen, R 2010, 'Occupational exposure to electric and magnetic fields during work tasks at 110 kV substations in the Tampere region', *Bioelectromagnetics*, vol. 31, no. 3, pp. 252-254. <https://doi.org/10.1002/bem.20555>

Korpinen, L & Pääkkönen, R 2011, 'Working-aged population's mental symptoms and the use of the Internet', *Mental Illness*, vol. 3, no. 1, pp. 25-28. <https://doi.org/10.4081/mi.2011.e7>

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

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

Korpinen, L, Pääkkönen, R & Gobba, F 2012, 'White-Collar Workers' Self-Reported Physical Symptoms Associated With Using Computers', *International Journal of Occupational Safety and Ergonomics*, vol. 18, no. 2, pp. 137-147.

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

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

Korpinen, L, Koskiranta, M, Lehtelä, R, Vesapuisto, M, Tepsa, K & Puro, H 2010, 'The designing and the implementation of WWW-course &quot;Electricity, Electronics and Environment&quot;', *Elektronika ir Elektrotehnika*, vol. 102, no. 6, pp. 75-78.

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

Korpinen, L & Pääkkönen, R 2011, 'Physical symptoms in young adults and their use of different computers and mobile phones', *International Journal of Occupational Safety and Ergonomics*, vol. 17, no. 4, pp. 361-371.

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

Koskue, V, Ledezma, P, Freguia, S & Kokko, M 2018, 'Nitrogen recovery from reject water in a 3-chamber bioelectroconcentration cell' Paper presented at EU-ISMET 2018, Newcastle upon Tyne, United Kingdom, 12/09/18 - 14/09/18, .

Koskue, V, Ledezma, P, Freguia, S & Kokko, M 2019, 'Towards enhanced nutrient recovery, biogas production and upgrading through AD and BES integration' Paper presented at 16th IWA World Conference on Anaerobic Digestion, Delft, Netherlands, 23/06/19 - 27/06/19, .

Koskue, V, Rinta-Kanto, J, Ledezma, P, Freguia, S & Kokko, M 2019, 'Effect of HRT on nitrogen recovery from real reject water in a 3-chamber bioelectroconcentration cell' Paper presented at ISMET 7, Okinawa, Japan, 7/10/19 - 11/10/19, .

Kotilainen, M & Vuoristo, P 2015, Influence of Diffusion Barriers on Thermal Ageing Behaviour of Solar Absorber Coatings on Copper. in *Surface Modification Technologies XXVIII: Tampere University of Technology Tampere, Finland June 16-18, 2014* . pp. 481-491, International Conference on Surface Modification Technologies, Finland, 1/01/00.

Kovalainen, V, Kylliäinen, M & Huhtala, T 2016, A method for design of sound insulation of glazed balconies against traffic noise. in *Proceedings of the INTER-NOISE 2016, 45th International Congress and Exposition on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany.*, 503, German Acoustical Society (DEGA), Hamburg, pp. 3834-3841, INTERNATIONAL CONGRESS AND EXPOSITION ON NOISE CONTROL ENGINEERING, 1/01/00.

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

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

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

Kurki, VO, Katko, TS & Pietilä, PE 2010, 'Bilateral collaboration in municipal water and wastewater services in Finland', *Water*, vol. 2, no. 4, pp. 815-825. <https://doi.org/10.3390/w2040815>

Kurki, V 2010, 'Vesihuollon ylikunnalliset sopimukset lisääntymässä', *Kuntatekniikka*, no. 2, pp. 18-18.

Kurki, V, Lipponen, A & Katko, T 2013, 'Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons', *Water International*, vol. 38, no. 6, pp. 774-789. <https://doi.org/10.1080/02508060.2013.843374>

Kurki, V & Katko, TS 2015, 'Groundwater as a source of conflict and cooperation: Towards creating mutual gains in a finnish water supply project', *Water Alternatives*, vol. 8, no. 3, pp. 337-351.

Kurki, V 2016, *Negotiating Groundwater Governance: Lessons from Contentious Aquifer Recharge Projects*. Tampere University of Technology. Publication, vol. 1387, Tampere University of Technology.

Kurki, V, Sidaraviciute, R, Sörensen, J, Kibocha, SN, Retike, I, Ikobe, G, Tichonovas, M, Elijosiute, E & Rajala, R 2015, 'Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students', *Ympäristöhistoria: Finnish Journal of Environmental History*, no. 1/2015, pp. 45-51.

Kurki, V 2016, Negotiating water governance: towards cooperation in contentious groundwater recharge projects. in *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering, pp. 91-102, CIB WORLD BUILDING CONGRESS, 1/01/00.

Kuusela, M, Asp, O & Laaksonen, A 2019, 'Cracking of the End Diaphragm of a Post-tensioned Beam Bridge', *Nordic Concrete Research*, vol. 60, no. 1, 6, pp. 89-104. <https://doi.org/10.2478/ncr-2019-0001>

Kuusipalo, J & Lahti, J 2010, 'TTY:ssä panostetaan pakkausalaan', *Pakkaus*, no. 5, pp. 35-35.

Kylliäinen, M, Hongisto, V, Oliva, D & Rekola, L 2016, A laboratory listening experiment on subjective and objective rating of impact sound insulation of concrete floors. in *Proceedings of the INTER-NOISE 2016, 45th International Congress on Noise Control Engineering : Towards a Quieter Future, August 21-24, 2016, Hamburg, Germany.*, 193, German Acoustical Society (DEGA), Hamburg, pp. 894-902, INTERNATIONAL CONGRESS AND EXPOSITION ON NOISE CONTROL ENGINEERING, 1/01/00.

Kylliäinen, M 2019, *Rating the impact sound insulation of concrete floors with single-number quantities based on a psychoacoustic experiment*. Tampere University Dissertations, vol. 93, vol. 93, Tampere University.

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

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

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

Lahdensivu, J, Huuhka, S, Annala, P, Pikkuvirta, J, Köliö, A & Pakkala, T 2015, *Betonielementtien uudelleenkäyttömahdollisuudet*. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka. Tutkimusraportti, vol. 162, Tampereen teknillinen yliopisto. Rakennustekniikan laitos, Tampere.

Lahti, J & Tuominen, M 2010, 'Turning up the heat on printability', *Packaging Professional (The Magazine of the Packaging Society)*, vol. 33, no. 5, pp. 7-7.

Lahti, J & Tuominen, M 2010, 'Turning up the heat on printability', *Materials World*, vol. 18, no. 10, pp. 15-15.

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

Lahti, J & Kuusipalo, J 2010, 'Paperinjalostus- ja pakkaustekniikan tutkimusyksikkö uudistaa kurssitarjontaa', *Anturi*, no. 5, pp. 1-1.

Lahti, J 2013, 'Nanoscale Surface Processing of Extrusion Coated Substrates with Atmospheric Plasma Technology' Paper presented at 14th TAPPI. European Place Conference 6-8 May 2013 Swissotel Dresden, Germa, 1/01/13, .

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

Lakaniemi, A-M, Tuovinen, OH & Puhakka, JA 2012, 'Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells', *BioEnergy Research*, vol. 5, no. 2, pp. 481-491. <https://doi.org/10.1007/s12155-012-9186-2>

Lakaniemi, A-M, Nevatalo, LM, Kaksonen, AH & Puhakka, JA 2010, 'Mine wastewater treatment using Phalaris arundinacea plant material hydrolyzate as substrate for sulfate-reducing bioreactor', *Bioresource Technology*, vol. 101, no. 11, pp. 3931-3939. <https://doi.org/10.1016/j.biortech.2010.01.020>

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

Lakaniemi, A-M, Koskinen, PEP, Nevatalo, LM, Kaksonen, AH & Puhakka, JA 2011, 'Biogenic hydrogen and methane production from reed canary grass', *Biomass & Bioenergy*, vol. 35, no. 2, pp. 773-780. <https://doi.org/10.1016/j.biombioe.2010.10.032>

Lakaniemi, A-M, Hulatt, CJ, Thomas, DN, Tuovinen, OH & Puhakka, JA 2011, 'Biogenic hydrogen and methane production from Chlorella vulgaris and Dunaliella tertiolecta biomass', *Biotechnology for Biofuels*, vol. 4, no. 1, 34, pp. 1-12. <https://doi.org/10.1186/1754-6834-4-34>

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

Länsivaara, T 2018, 'Editorial', *Environmental Geotechnics*, vol. 5, no. 6. <https://doi.org/10.1680/jenge.2018.5.6.309>

Lappalainen, JO, Karp, MT, Juvonen, R, Virta, MPJ & Nurmi, J 2000, 'Comparison of the total mercury content in sediment samples with a mercury sensor bacteria test and Vibrio fischeri toxicity test', *Environmental Toxicology*, vol. 15, no. 5, pp. 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)

Laukka, A, Heino, O, Valkama, P & Salonen, A 2013, *Kyläyhteisöt palvelukulutuksen alustana*. Maaseutupolitiikan yhteistyöryhmän julkaisuja, no. 6, Maaseutupolitiikan yhteistyöryhmä, YTR, Tampere.

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

Lehtoranta, K, Aakko-Saksa, P, Murtonen, T, Vesala, H, Ntziachristos, L, Rönkkö, T, Karjalainen, P, Kuittinen, N & Timonen, H 2019, 'Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers', *Environmental Science and Technology*, vol. 53, no. 6, pp. 3315-3322. <https://doi.org/10.1021/acs.est.8b05555>

Leivo, V, Prasauskas, T, Turunen, M, Kiviste, M, Aaltonen, A, Martuzevicius, D & Haverinen-Shaughnessy, U 2017, 'Comparison of air pressure difference, air change rates, and CO<sub>2</sub> concentrations in apartment buildings before and after energy retrofits', *Building and Environment*, vol. 120, pp. 85-92. <https://doi.org/10.1016/j.buildenv.2017.05.002>

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

Leponiemi, U & Heino, O 2011, 'KUPERA-kaupunkien teknisen sektorin johto kaippaa toimintakulttuuriin muutosta : Haasteista innovatiivisiin mahdollisuuksiin', *Kuntatekniikka*, no. 7, pp. 51-52.

Leppänen, A, Tran, H, Välimäki, E & Oksanen, A 2014, Effect of Temperature on Fume Formation and Deposition in Kraft Recovery Boilers - a Modeling Approach. in M Nieminen & P Lampinen (eds), *2014 International Chemical Recovery Conference, Proceedings - Volume 2*. Suomen Soodakattilayhdistys, The Finnish Recovery Boiler Committee; TAPPI, pp. 38-47, International Chemical Recovery Conference, 1/01/14.

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

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

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

Leppänen, A, Välimäki, E & Oksanen, A 2012, 'Modeling fine particles and alkali metal compound behavior in a kraft recovery boiler', *TAPPI Journal*, vol. 11, no. 7, pp. 9-14.

Leppänen, A, Välimäki, E, Oksanen, A & Tran, H 2013, 'CFD-modeling of fume formation in kraft recovery boilers', *TAPPI Journal*, vol. 12, no. 3, pp. 25-32.

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

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

Leppänen, A, Tran, H, Välimäki, E & Oksanen, A 2014, 'Modelling fume deposit growth in recovery boilers: effect of flue gas and deposit temperature', *Journal of Science and Technology for Forest Products and Processes*, vol. 4, no. 1, pp. 50-57.



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

Leppänen, M, Kaartokallio, A & Loukola, E 1999, Full scale landfill bottom liner test structures at Ämmässuo landfill, Espoo, Finland. in TH Christensen, R Cossu & R Stegmann (eds), *Sardinia 99, Seventh International Waste Management and Landfill Symposium, 4-8 October, S. Margherita di Pula, Cagliari, Sardinia, Italy. Proceedings, Vol. I-V*. . vol. III, pp. 173-180, Seventh International Waste Management and Landfill Symposium, Cagliari, Italy, 4/10/99.

Leppänen, MM & Kuula, P 2016, 'Acceptability of contaminated soils and waste materials in landfill structures' Paper presented at Nordrocs, 5/04/17, .

Leppänen, M 2013, 'Geo + Ympäristö = Ympäristögeotekniikka?', *Geofoor*, no. 39, pp. 6-7.

Leppänen, P & Malaska, M 2017, Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen. in *Pelastustieto: Palotutkimuksen päivät 2017, erikoisnumero*. Pelastustieto, Palo- ja pelastustieto ry, pp. 15-20, 1/12/17.

Leppänen, M, Sarkkila, J, Härmäläinen, H & Rinkinen, J 2018, Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner. in V Raasakka & P Lahtinen (eds), *Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials WASCON 2018: No Gradle, No Grave - Circular Economy into Practice*. RIL - Finnish Association of Civil Engineers, pp. 168-175, International Conference on the Environmental and Technical Implications of Construction with Alternative Materials, United Kingdom, 1/01/00.

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

Liimatainen, H 2017, 'Yli 60 tonnin yhdistelmät parantaneet kuljetusten tehokkuutta', *Tie ja Liikenne*, vol. 2017, no. 4, pp. 30-32.

Liimatainen, H, Greening, P, Dadhich, P & Keyes, A 2018, 'Possible Impact of Long and Heavy Vehicles in the United Kingdom—A Commodity Level Approach', *Sustainability*, vol. 10, no. 8. <https://doi.org/10.3390/su10082754>

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

Liimatainen, H, Pöllänen, M & Viri, R 2018, 'CO2 reduction costs and benefits in transport: socio-technical scenarios', *European Journal of Futures Research*, vol. 2018, no. 6:22. <https://doi.org/10.1186/s40309-018-0151-y>

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

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

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

Luomala, H 2016, *Ballast bed*..

Luomala, H 2016, *Sleepers*..

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

Luomala, H 2016, *Tutkimusohjelma Elinkaaritehokas RAa (TERA): Kokonaisvaltainen ote ratarakennetutkimukseen*..

Luonsi, A 2010, *Fate of dissolved organic matter in softwood element-chlorine-free bleached kraft mill fiberline*. Tampereen teknillinen yliopisto. Julkaisu, vol. 878, Tampere University of Technology, Tampere.

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

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

Maanoja, S & Rintala, J 2015, Factors affecting the elimination capacity of a passive methane biofilter. in *BioTechniques Ghent 2015 The 6th international conference on biotechniques for air pollution control: Conference Proceedings*. pp. 83-88, BioTechniques Ghent 2015, The 6th international conference on biotechniques for air pollution control, Ghent, Belgium, 2/09/15.

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

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

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

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

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

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

Mangayil, R, Aho, T, Karp, M & Santala, V 2015, 'Improved bioconversion of crude glycerol to hydrogen by statistical optimization of media components', *Renewable Energy*, vol. 75, pp. 583-589. <https://doi.org/10.1016/j.renene.2014.10.051>

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

Mari, T, Leivo, V, Pekkonen, M, Aaltonen, A, Kiviste, M & Haverinen-Shaughnessy, U 2016, Sisäympäristön laadun ja terveellisyyden arviointi energiaparannuskohteissa. in *Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34*. SIY SISÄILMATIETO OY, pp. 13-18, Sisäilmastoseminaari, 1/01/00.

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

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

Marjakangas, J 2015, *Production of Oleaginous Microbial Biomass by Reusing Wastewaters*. Tampere University of Technology. Publication, vol. 1348, Tampere University of Technology.

Mattinen, M, Heljo, J & Savolahti, M 2016, *Rakennusten energiankulutuksen perusskenaario Suomessa 2015-2050*. Suomen ympäristökeskuksen raportteja, no. 35/2016, Suomen ympäristökeskus, Helsinki.

Mattinen, M & Heljo, J 2016, *Modeling of Finnish building sector energy consumption and greenhouse gas emission: specification of POLIREM policy scenario model*. Reports of the Finnish Environment Institute, no. 26/2016, Suomen ympäristökeskus.

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

Möllmann, A, Gedamu, D, Vivo, P, Frohnhoven, R, Stadler, D, Fischer, T, Ka, I, Steinhorst, M, Nechache, R, Rosei, F, Cloutier, SG, Kirchartz, T & Mathur, S 2019, 'Highly compact TiO<sub>2</sub> films by spray pyrolysis and application in perovskite solar cells', *Advanced Engineering Materials*, vol. 21, no. 4, 1801196. <https://doi.org/10.1002/adem.201801196>

Mönkäre, T, Palmroth, MRT & Rintala, J 2014, Stabilization of fine fraction from landfill mining in leach bed reactor. in *Proceedings SUM 2014, Second Symposium on Urban Mining, Bergamo, Italy, 19-21 May, 2014 : Organised by IWWG - International Waste Working Group*. CISA Publishers, pp. 1-11, Symposium on Urban Mining, 1/01/14.

Mönkäre, T, Palmroth, M & Rintala, J 2014, Characterization of fine fraction from landfill mining for evaluating methane potential. in *Fifth International Symposium on Energy from Biomass and Waste, Venice 2014 Proceedings, Island of San Servolo, Venice, Italy, 17-20 November 2014*. CISA Publisher, Italy, International symposium on energy from biomass and waste, 1/01/14.

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

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

Mönkäre, T, Kinnunen, V, Tampio, E, Ervasti, S, Lehtonen, E, Kettunen, R, Rasi, S & Rintala, J 2016, *Ravinnevisio: Selvitys Pirkanmaan puhdistamolietteidien ja biojätteiden ravinteista ja niiden potentiaalisesta käytöstä*. Raportteja, no. 74, Pirkanmaan ELY-keskus.

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

Mönkäre, T 2018, *Characterization and biological stabilization of fine fraction from landfill mining*. Tampere University of Technology. Publication, vol. 1522, Tampere University of Technology.

Mönkäre, T, Palmroth, MRT, Sormunen, K & Rintala, J 2019, 'Scaling up the treatment of the fine fraction from landfill mining: Mass balance and cost structure', *Waste Management*, vol. 87, pp. 464-471. <https://doi.org/10.1016/j.wasman.2019.02.032>

Mononen, T, Coloma, S, Romantschuk, M, Vikman, M, Kapanen, A, Lehtonen, A, Saario, E, Itävaara, M, Malinen, E, Kostia, S & Tuhkanen, T 2013, *Waste water treatment by multi-stage biofilm processes : Results of the VESITURVA project*. VTT Technology, no. 98, VALTION TEKILLINEN TUTKIMUSKESKUS, Espoo.

Mustonen, S, Raiko, R & Luukkanen, J 2013, 'Bioenergy consumption and biogas potential in Cambodian households', *Sustainability*, vol. 5, no. 5, pp. 1875-1892. <https://doi.org/10.3390/su5051875>

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

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

Mustonen, SM 2010, 'Rural energy survey and scenario analysis of village energy consumption: A case study in Lao People's Democratic Republic', *Energy Policy*, vol. 38, no. 2, pp. 1040-1048. <https://doi.org/10.1016/j.enpol.2009.10.056>

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

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

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

Nieminen, E & Virtanen, J 2008, *Flotaatiokennon injektorin diffuusori*, Patent No. WO 2007/042619 A1.

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

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

Ojala, N 2016, 'Application oriented wear testing of wear resistant steels in mining industry' Paper presented at DIMECC 9th Annual Seminar, Helsinki, Finland, 14/11/16 - 15/11/16, .

Ojala, P, Hietala, J-P, Miettinen, J, Julkunen, P & Nieminen, I 2017, Modelling of seep through of humidity to electric connector with stochastic processes. in M Cepin & R Bris (eds), *ESREL 2017. Safety and Reliability. Theory and Applications*. CRC Press, European Safety and Reliability Conference, 1/01/00. <https://doi.org/10.1201/9781315210469-384>

Okonkwo, O, Escudié, R, Bernet, N, Mangayil, R, Lakaniemi, A-M & Trably, E 2019, 'Impacts of short-term temperature fluctuations on biohydrogen production and resilience of thermophilic microbial communities', *International Journal of Hydrogen Energy*, vol. 44, no. 16, pp. 8028-8037. <https://doi.org/10.1016/j.ijhydene.2019.01.256>

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

Okun, A & Korpinen, L 2012, Examples to Reduce the EMF Generated by HV Power Transmission Lines of Different Design. in *Proceedings - 7th International Workshop on Biological Effects of Electromagnetic Fields, 7th 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.

O'Neill, M 2015, *Ecological Sanitation - A Logical Choice? The Development of the Sanitation Institution in a World Society*. Tampere University of Technology. Publication, vol. 1284, Tampere University of Technology.

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

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

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

Pääkkönen, R, Tarao, H, Gobba, F & Korpinen, L 2012, Occupational Exposure to Extremely Low Frequency Electric Fields in Office Work. in *PIERS 2012 Moscow Proceedings, August 19-23, 2012, Moscow, Russia*. Progress in Electromagnetics Research Symposium, Electromagnetics Academy, pp. 823-825, Progress in Electromagnetics Research Symposium, 1/01/00.

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

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

Pääkkönen, A, Peltola, A, Pitkänen, A, Mäkiranta, R, Saario, A & Oksanen, A 2010, 'Developing and testing characterization methods for droplet combustion - Part I', *Archivum Combustionis*, vol. 30, no. 4, pp. 1-6.

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

Pääkkönen, A, Aro, K, Aalto, P, Konttinen, J & Kojo, M 2019, 'The potential of biomethane in replacing fossil fuels in heavy transport-a case study on Finland', *Sustainability*, vol. 11, no. 17, 4750. <https://doi.org/10.3390/su11174750>

Pääkkönen, A 2019, *Feasibility of Flexible Biomass Utilization in Energy Systems*. Tampere University Dissertations, vol. 166, Tampere University.

Pääkkönen, A & Joronen, T 2019, 'Revisiting the feasibility of biomass-fueled CHP in future energy systems – Case study of the Åland Islands', *Energy Conversion and Management*, vol. 188, pp. 66 - 75.  
<https://doi.org/10.1016/j.enconman.2019.03.057>

Pakkala, T, Lemberg, A-M & Lahdensivu, J 2016, 'The effect of climate change on freeze-thaw durability of concrete structures in Finland' Paper presented at OCEANEXT : Interdisciplinary Conference, 8/06/16, pp. 53.

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

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

Palmroth, MRT, Mönkäre, TJ & Steffen, KT 2015, Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential. in N Kalogerakis, F Fava & E Manousaki (eds), *Book of abstracts of the 6th European Bioremediation Conference.*, 169, pp. 47, 6th European Bioremediation Conference, Chania, Greece, 29/06/15.

Pärssinen, T, Eloranta, H & Saarenrinne, P 2009, 'Effect of geometrical parameters on vortex-induced vibration of a splitter plate', *Journal of Fluids Engineering: Transactions of the ASME*, vol. 131, no. 3, 031203, pp. 1-9.  
<https://doi.org/10.1115/1.2844584>

Parviainen, A, Loukola-Ruskeeniemi, K, Tarvainen, T, Hatakka, T, Härmä, P, Backman, B, Ketola, T, Kuula, P, Lehtinen, H, Sorvari, J, Pyy, O, Ruskeeniemi, T & Luoma, S 2015, 'Arsenic in bedrock, soil and groundwater - The first arsenic guidelines for aggregate production established in Finland', *Earth-Science Reviews*, vol. 150, pp. 709-723.  
<https://doi.org/10.1016/j.earscirev.2015.09.009>

Pastor-Poquet, V, Papirio, S, Trably, E, Rintala, J, Escudié, R & Esposito, G 2019, 'High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition', *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY*. <https://doi.org/10.1007/s13762-019-02264-z>

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

Pietilä, P, Katko, T & Kurki, V 2010, *Vesi kuntayhteistyön voiteluaineena*. Kunnallissalan kehittämissäätö tutkimusjulkaisut, vol. 62, Kaks - Kunnallissalan kehittämissäätö, Helsinki.

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

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

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

Pohjola, J, Turunen, J & Lipping, T 2017, 'The effect of lake bottom sediment layers on radionuclide transport from bedrock to biosphere and doses to humans' Paper presented at 4th International Conference on Radioecology & Environmental Radioactivity, Berlin, Germany, 3/09/17 - 6/10/17, pp. 439-440.

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

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

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

Pynnönen, ST & Tuhkanen, TA 2014, 'Simultaneous detection of three antiviral and four antibiotic compounds in source-separated urine with liquid chromatography', *Journal of Separation Science*, vol. 37, no. 3, pp. 219-227. <https://doi.org/10.1002/jssc.201300492>

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

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

Rajala, R, Juuti, P & Katko, T 2014, 'Kuka päättää vesihuollon tulevaisuudesta? (Who decides on the future of the water supply?)', *Vesitalous*, vol. 51, no. 1, pp. 33-34.

Rajala, R 2010, Pohjavesi, meidän vesi. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 110-147.

Rajala, R 2010, Verkoston varrella. in P Juuti, R Rajala, P Pietilä & T Katko (eds), *Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia*. TamPub, pp. 184-229.

Rajala, R 2010, Asiakkaat, verkostot ja henkilöstö. in P Juuti, T Katko, S Louekari & R Rajala (eds), *Näkymätöntä Porii: Porin Veden historia*. TamPub, pp. 370-491.

Rajala, R & Hukka, J 2018, 'Asset Life Cycle Management in Finnish Water Utilities', *JOURNAL OF WATER RESOURCE AND PROTECTION*, vol. 10, no. 6, pp. 587-595. <https://doi.org/10.4236/jwarp.2018.106033>

Rajala, RP, Juuti, PS & Katko, TS 2019, 'Genesis of Water supply and sanitation services in Finland', *Ympäristöhistoria: Finnish Journal of Environmental History*, vol. 8, no. 1, pp. 18-28.

Rajala, RP, Katko, TS & Springe, G 2019, 'Students' Perceived Priorities on Water as a Human Right, Natural Resource, and Multiple Goods', *Sustainability*, vol. 11, no. 22, 6354. <https://doi.org/10.3390/su11226354>

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

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

Rantala, A, Utriainen, M, Kaushik, N, Virta, M, Välimaa, A-L & Karp, M 2011, 'Luminescent bacteria-based sensing method for methylmercury specific determination', *Analytical and Bioanalytical Chemistry*, vol. 400, no. 4, pp. 1041-1049. <https://doi.org/10.1007/s00216-011-4866-x>

Rautanen, S-L, Luonsi, A, Nygård, H, Vuorinen, HS & Rajala, RP 2010, 'Sanitation, water and health', *Environment and History*, vol. 16, no. 2, pp. 173-194. <https://doi.org/10.3197/096734010X12699419057250>

Rautanen, S-L 2016, *Access to Water? Dynamic Capacity Change for Sustainable Rural Water and Sanitation Services for All*. Tampere University of Technology. Publication, vol. 1373, Tampere University of Technology.

Rinta-Kanto, JM & Wilhelm, SW 2006, 'Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie', *Applied and Environmental Microbiology*, vol. 72, no. 7, pp. 5083-5085. <https://doi.org/10.1128/AEM.00312-06>

Rinta-Kanto, JM, Sun, S, Sharma, S, Kiene, RP & Moran, MA 2012, 'Bacterial community transcription patterns during a marine phytoplankton bloom', *Environmental Microbiology*, vol. 14, no. 1, pp. 228-239. <https://doi.org/10.1111/j.1462-2920.2011.02602.x>

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

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

Rissanen, AJ, Ojala, A, Fred, T, Toivonen, J & Tiirola, M 2016, 'Methylophilaceae and Hyphomicrobium as target taxonomic groups in monitoring the function of methanol-fed denitrification biofilters in municipal wastewater treatment plants', *Journal of Industrial Microbiology and Biotechnology*, pp. 1-13. <https://doi.org/10.1007/s10295-016-1860-5>

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

Rodriguez Avila, M, Honkanen, M, Raiko, R & Oksanen, A 2012, 'Coal char combustion in O<sub>2</sub>/N<sub>2</sub> and O<sub>2</sub>/CO<sub>2</sub> conditions in a drop tube reactor: an optical study', *Industrial Combustion*, pp. 1-22.

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

Ruoko, TP, Kaunisto, K, Bärtsch, M, Pohjola, J, Hiltunen, A, Niederberger, M, Tkachenko, NV & Lemmetyinen, H 2015, 'Subpicosecond to Second Time-Scale Charge Carrier Kinetics in Hematite-Titania Nanocomposite Photoanodes', *Journal of Physical Chemistry Letters*, vol. 6, no. 15, pp. 2859-2864. <https://doi.org/10.1021/acs.jpcllett.5b01128>

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

Salmela, M, Lehtinen, T, Efimova, E, Santala, S & Santala, V 2020, 'Towards bioproduction of poly- $\alpha$ -olefins from lignocellulose', *Green Chemistry*, vol. 22, no. 15, pp. 5067-5076. <https://doi.org/10.1039/d0gc01617a>



Salunke, J, Durandin, N, Ruoko, T-P, Rafael Candeias, N, Vivo, P, Vuorimaa-Laukkanen, E, Laaksonen, T & Priimägi, A 2018, 'Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter', *Scientific Reports*, vol. 8, 14431 . <https://doi.org/10.1038/s41598-018-32830-3>

Santala, S, Efimova, E, Koskinen, P, Karp, MT & Santala, V 2014, 'Rewiring the wax ester production pathway of acinetobacter baylyi ADP1', *ACS Synthetic Biology*, vol. 3, no. 3, pp. 145-151. <https://doi.org/10.1021/sb4000788>

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

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

Seppälä, J, Munther, J, Viri, R, Liimatainen, H, Weaver, S & Ollikainen, M 2019, *Autolaskurin käyttöopas ja laskennan perusteet*. vol. 11, 2019 edn, Suomen ilmastopaneeli.

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

Siljander, S, Kiviniemi, M, Sarlin, E, Lindgren, M, Suihkonen, R & Vuorinen, J 2015, Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature. in *Proceedings of the 20th International Conference on Composite Materials*. International Conference on Composite Materials, 1/01/00.

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

Singh, S 2019, *High rate anaerobic treatment of LCFA-containing wastewater at low temperature*. Tampere University Dissertations, Tampere University.

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

Sippola, RJ, Hadipour, A, Kastinen, T, Vivo, P, Hukka, TI, Aernouts, T & Heiskanen, JP 2017, 'Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties', *Dyes and Pigments*, vol. 150, j.dyepig.2017.11.014, pp. 79-88. <https://doi.org/10.1016/j.dyepig.2017.11.014>

Soinne, H, Keskinen, R, Heikkinen, J, Hyväluoma, J, Uusitalo, R, Peltoniemi, K, Velmala, S, Pennanen, T, Fritze, H, Kaseva, J, Hannula, M & Rasa, K 2020, 'Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?', *Science of the Total Environment*, vol. 731, 138955. <https://doi.org/10.1016/j.scitotenv.2020.138955>

Solismaa, S, Ismailov, A, Karhu, M, Sreenivasan, H, Lehtonen, M, Kinnunen, P, Illikainen, M & Räisänen, M-L 2018, 'Valorization of Finnish mining tailings for use in the ceramics industry', *BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND*, vol. 90, no. 1, pp. 33-54. <https://doi.org/10.17741/bgsf/90.1.002>

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

Sormunen, A, Kanniainen, T, Salo, T & Rantsi, R 2016, 'Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media', *Waste Management and Research*, vol. 34, no. 7, pp. 595-604.  
<https://doi.org/10.1177/0734242X16650748>

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

Sormunen, LA & Kolisoja, P 2018, 'Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content', *Road Materials and Pavement Design*, vol. 19, no. 2, pp. 252-270.  
<https://doi.org/10.1080/14680629.2016.1251960>

Sorri, J 2017, 'Energistä utopiaa?', *Futura*, vol. 36, no. 1, pp. 38-39.