

Pohjoismaiden energiapolitiikka 2030: Hiilineutraalimpaan energiajärjestelmään osin yhdessä, osin eri polkuja pitkin
Aalto, P., Harsia, P., Heljo, V., Holttilin, H., Jaakkola, I., Järventausta, P., Kirkinen, J., Kojo, M., Konttinen, J., Oksa, A. M., Rönkkö, T., Sorri, J. & Toivanen, P., 2016, 23 p. (EL-TRAN analyysi; vol. 4/2016).
Research output: Working paper > Discussion paper > Professional

Denitrifying microbial communities along a boreal stream with varying land-use
Aalto, S. L., Saarenheimo, J., Arvola, L., Tiirala, M., Huotari, J. & Rissanen, A. J., 24 Jul 2019, In : Aquatic Sciences. 81, 59
Research output: Contribution to journal > Article > Scientific > peer-review

Examples of occupational ELF electric and magnetic field exposure in Finland
Alanko, T., Pääkkönen, R., Lahtinen, S. & Korpinen, L., 2011, 10th International Conference European Bioelectromagnetics Association, 21-24 February 2011, Rome, Italy. Rome: European Bioelectromagnetics Association, p. 1-2 2 p. (International Conference European Bioelectromagnetics Association).
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Technology development theories and water services evolution
Antila, K., Katko, T. S. & Mattila, H., 2013, Water Services Management and Governance : Lessons for a Sustainable Future. Katko, T. S., Juuti, P. S., Schwartz, K. & Rajala, R. P. (eds.). IWA Publishing, p. 13-27 15 p.
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Insenttiivit julkisen sektorin innovatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus
Anttiroiko, A-V. & Heino, O., 2012, In : Työelämän tutkimus. 10, 3, p. 298-305 8 p.
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Unipoli Green - Four Universities Working Together for Sustainability
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Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Merkittävimmät päästövähennystoimet ilmastonmuutoksen hillitsemiseksi
Auvinen, K., Maanavilja, L., Seppälä, J., Sankelo, P., Mäkinen, J., Sarkkola, S., Helonheimo, T., Saikku, L., Lounasheimo, J. & Riekkinen, V., 15 May 2020, Suomen ympäristökeskus (SYKE). 4 p.
Research output: Book/Report > Commissioned report > Professional

Urban water conflicts in recent European history: Changing interactions between technology, environment and society
Barraque, B., Juuti, P. S. & Katko, T. S., 2012, Urban water conflicts. Barraque, B. (ed.). Taylor & Francis and UNESCO Publishing; A Balkema book, p. 15-32 (Urban water series, UNESCO IHP; vol. 7).
Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Fe₂O₃-TiO₂ Nano-heterostructure Photoanodes for Highly Efficient Solar Water Oxidation
Barreca, D., Carraro, G., Gasparotto, A., Maccato, C., Warwick, M. E. A., Kaunisto, K., Sada, C., Turner, S., Gönüllü, Y., Ruoko, T-P., Borgese, L., Bontempi, E., Van Tendeloo, G., Lemmetyinen, H. & Mathur, S., 2015, In : Advanced Materials Interfaces. 2, 17
Research output: Contribution to journal > Article > Scientific > peer-review

Long-term thermophilic mono-digestion of rendering wastes and co-digestion with potato pulp
Bayr, S., Ojanperä, M., Kaparaju, P. & Rintala, J., 2014, In : Waste Management. 34, 10, p. 1853-1859 7 p.
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Evolution of Community-Managed Water Supply Projects From 1994 to the 2010s in Ethiopia

Behailu, B. M., Suominen, A. & Katko, T. S., 22 Oct 2015, In : Public Works Management and Policy. 20, 4, p. 379-400 22 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Service Failures of Rural Water Supply Systems in Ethiopia and Their Policy Implications

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Research output: Contribution to journal > Article > Scientific > peer-review

Dry Toilet Sanitation as an Alternative Solution to the Rural Ethiopia

Behailu, B. M., Aug 2015, *Dry Toilet 2015: 5th International Dry Toilet Conference*. 7 p.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Professional

Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia

Behailu, B. M. & Mattila, H., 2016, *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Nenonen, S. & Junnonen, J-M. (eds.). Tampere University of Technology, p. 431-440 10 p.

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Comparison of community managed projects and conventional approaches in rural water supply of Ethiopia

Behailu, B. M., Suominen, A., Katko, T. S., Mattila, H. & Yayahyirad, G., 30 Sep 2016, In : African Journal of Environmental Science and Technology. 10, 9, p. 292-306 15 p., 04AF23059936.

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Rural Water and Sanitation: Community Managed Project Approach for Sustainability in Ethiopia

Behailu, B. M., 30 Nov 2016, Tampere University of Technology. 77 p. (Tampere University of Technology. Publication; vol. 1435)

Research output: Book/Report > Doctoral thesis > Collection of Articles

Indigenous practices of water management for sustainable services: Case of Borana and Konso, Ethiopia

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Dynamics of microbial communities in untreated and autoclaved food waste anaerobic digesters

Blasco, L., Kahala, M., Tampio, E., Ervasti, S., Paavola, T., Rintala, J. & Joutsjoki, V., 2014, In : Anaerobe. 29, p. 3-9 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Microbial electrochemical technologies with the perspective of harnessing bioenergy: Maneuvering towards upscaling

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Research output: Contribution to journal > Review Article > Scientific > peer-review

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Plasma-Assisted Fabrication of Fe₂O₃ - Co₃O₄ Nanomaterials as Anodes for Photoelectrochemical Water Splitting

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Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration
Çetinkaya, A. Y., Koroğlu, E. O., Demir, N. M., Baysoy, D. Y., Özkaya, B. & Çakmakçı, M., 20 Jul 2015, In : *Chinese Journal of Catalysis*. 36, 7, p. 1068-1076 9 p.

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Chakraborty, S., 12 Dec 2019, Tampere University. 211 p. (Tampere University Dissertations)
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Microalgae grow on source separated human urine in Nordic climate: Outdoor pilot-scale cultivation
Chatterjee, P., Granatier, M., Ramasamy, P., Kokko, M., Lakaniemi, A-M. & Rintala, J., 2019, In : *Journal of Environmental Management*. 237, p. 119 - 127 9 p.
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Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China
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Research output: Contribution to journal > Article > Scientific > peer-review

Inhibitory effects of substrate and soluble end products on biohydrogen production of the alkalithermophile Caloramator celer: Kinetic, metabolic and transcription analyses
Ciranna, A., Ferrari, R., Santala, V. & Karp, M., 15 Apr 2014, In : *International Journal of Hydrogen Energy*. 39, 12, p. 6391-6401 11 p.
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Ciranna, A., Pawar, S. S., Santala, V., Karp, M. & van Niel, E. W. J., 28 Mar 2014, In : *Microbial Cell Factories*. 13, 1, 48.
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Recycling potential of post-consumer plastic packaging waste in Finland
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Research output: Contribution to journal > Article > Scientific > peer-review

Test in scala reale su argille sensibili: l'esperienza finlandese
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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Professional

Development of an assessment protocol: the impact of energy retrofits on indoor environmental quality and public health in the existing building stock
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The effects of improved energy efficiency on indoor environmental quality in multi-family buildings
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E-sail test payload of the ESTCube-1 nanosatellite

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Sorption of zinc onto elemental selenium nanoparticles immobilized in *Phanerochaete chrysosporium* pellets

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Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology

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Highly ductile amorphous oxide at room temperature and high strain rate

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Research output: Contribution to journal > Article > Scientific > peer-review

Digestate valorization for bioremediation of petroleum hydrocarbons contaminated soils

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Research output: Book/Report > Doctoral thesis > Collection of Articles

The Possible Exposure of Children to Extremely Low Frequency Magnetic Fields in the Home

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Conversion of Solid Waste into Functional Carbon Materials: A Review

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A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion

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Research output: Contribution to journal › Article › Scientific › peer-review

Heap Bioleaching of Low-grade Multimetal Sulphidic Ore in Boreal Conditions

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Research output: Book/Report › Doctoral thesis › Collection of Articles

Long term stability of air processed inkjet infiltrated carbon-based printed perovskite solar cells under intense ultra-violet light soaking

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Research output: Book/Report › Commissioned report › Professional

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Research output: Contribution to journal › Article › Professional

Osuuskunnat mukaan infrastruktuuripoliittikaan

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Research output: Contribution to journal › Article › Professional

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Research output: Contribution to journal › Article › Professional

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Research output: Contribution to journal › Article › Scientific › peer-review

Significance of Wild Cards and Weak Signals for Sustainability : Case of Water Services

Heino, O. A. & Takala, A. J., 2011, *Trends and Future of Sustainable Development, Proceedings of the Conference "Trends and Future of Sustainable Development", 9 - 10 June 2011, Tampere, Finland*. Lakkala, H. & Vehmas, J. (eds.). Finland Futures Research Centre, University of Turku, p. 410-422 15. (FFRC eBOOK).

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Research output: Book/Report > Commissioned report > Professional

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Research output: Book/Report > Doctoral thesis > Collection of Articles

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Tammikuun tehopiikki – mitä tapahtui 7.1.2016? Miten tehoa hallitaan paremmin jatkossa?

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Research output: Working paper > Discussion paper > Professional

Co-operation between technical education of university and electro-technical standardization association

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Design aspects of all atomic layer deposited TiO₂-Fe₂O₃ scaffold-absorber photoanodes for water splitting

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Long-term measurement of free time exposure to low frequency magnetic fields in Finland

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Modelling of anisotropic fatigue

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging

Honkanen, M., Kärkkäinen, M., Kolli, T., Heikkilä, O., Viitanen, V., Zeng, L., Jiang, H., Kallinen, K., Huuhtanen, M., Keiski, R. L., Lahtinen, J., Olsson, E. & Vippola, M., 2016, In : Applied Catalysis B-Environmental. p. 439-448 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts-Part II: Characterization of Structural Changes by Transmission Electron Microscopy

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Lack of water engineers hampering development. North-South cooperation in higher education is a must

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Research output: Contribution to journal › Article › Professional

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Vesiuhollolla voidaan myös paikata kuntataloutta

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Research output: Book/Report › Commissioned report › Professional

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Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific

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Vaihtoehtisten käytövoimien hyödyntäminen kaupunkiliikenteen linja-autoissa

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Expanding rural water supplies in historical perspective: Six cases from Finland and South Africa

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Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

Hyvän veden ja hyvien yhteyksien kaupunki : Riihimäen Veden historia

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Ilmasto muuttuu, riittääkö vesi?

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Part I: Early systems and innovations. Ch 3 Introduction: Early cultures and water

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Helsinki sai ensimmäisen puhdistamonsa 1910; Helsinki gained its first wastewater treatment plant 1910

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Research output: Book/Report › Book › Scientific › peer-review

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Metropoli ja meri. 100 vuotta jätevedenpuhdistusta Helsingissä

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Hyvän veden ja hyvien yhteyksien kaupunki - Riihimäen Veden historia

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Research output: Contribution to journal › Article › Scientific › peer-review

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Short Global History of Fountains

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Research output: Contribution to journal › Review Article › Scientific › peer-review

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Research output: Chapter in Book/Report/Conference proceeding > Chapter > Scientific > peer-review

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Johdanto: vesirikas Riihimäki

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"Poika, nyt lähdettiin hommiin" - vesilaitos syntyi

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Palo, jano, terveys, hygienia

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Dags att syna utmaningarna inom vattenförsörjningen

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Research output: Contribution to journal > Article > Professional

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Katko, T. S., 2013, In : Ympäristöhistoria: Finnish Journal of Environmental History. 2, 3 p.

Research output: Contribution to journal > Article > Scientific

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Katko, T. S., 2010, In : Kuntateknikka. 8, p. 44-47

Research output: Contribution to journal > Article > Professional

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Research output: Contribution to journal > Article > Professional

Vesihuollon strategisen kehittäminen haltuun: Ydin- ja tukitoiminnon tarpeen hahmottaa selkeästi

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Research output: Other conference contribution › Paper, poster or abstract › Scientific

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Research output: Other conference contribution › Paper, poster or abstract › Scientific

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students
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Research output: Contribution to journal > Review Article > Scientific > peer-review

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Research output: Book/Report > Commissioned report > Professional

Sähköautoilla suuri vähenrys päästöihin - pian myös kilpailukykyiseen hintaan

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Energistä utopiaa?

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Research output: Contribution to journal > Book/Film/Article review > Scientific