

Pohjoismaiden energiapolitiikka 2030: Hiilineutraalimpaan energiajärjestelmään osin yhdessä, osin eri polkuja pitkin
Aalto, P., Harsia, P., Heljo, V., Holttinen, H., Jaakkola, I., Järventausta, P., Kirkinen, J., Kojo, M., Kontinen, 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., Tiirola, 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).
Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

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

Insentiivit julkisen sektorin innovaatiotoiminnan edistämisen välineinä. Esimerkkinä Georgian osavaltion palvelu-uudistus
Anttiroiko, A-V. & Heino, O., 2012, In : *Työelämän tutkimus*. 10, 3, p. 298-305 8 p.
Research output: Contribution to journal > Article > Scientific > peer-review

Käänteiset infrastruktuurit ja integroiva infrastruktuuripolitiikka
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Unipoli Green - Four Universities Working Together for Sustainability
Asikainen, E., Hellman, S., Parjanen, L., Puputti, M., Raatikainen, S. & Schroderus, M., 2 Dec 2016, *Handbook of Theory and Practice of Sustainable Development in Higher Education: Volume 3*. Leal Filho, W., Mifsud, M., Shiel, C. & Pretorius, R. (eds.). Springer International Publishing, p. 257-273 17 p. (World Sustainability Series).
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
Bařreca, 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
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Research output: Contribution to journal > Article > Scientific > peer-review

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.

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

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

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

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

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

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

Butti, S. K., Velvizhi, G., Sulonen, M. L. K., Haavisto, J. M., Oguz Koroglu, E., Yusuf Cetinkaya, A., Singh, S., Arya, D., Annie Modestra, J., Vamsi Krishna, K., Verma, A., Ozkaya, B., Lakaniemi, A-M., Puhakka, J. A. & Venkata Mohan, S., Jan 2016, In : *Renewable and Sustainable Energy Reviews*. 53, p. 462-476

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

Impacts of changing operational parameters of in situ chemical oxidation (ISCO) on removal of aged PAHs from soil

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

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

Carraro, G., Maccato, C., Gasparotto, A., Kaunisto, K., Sada, C. & Barreca, D., 1 Jan 2016, In : *Plasma Processes and Polymers*. 13, 1, p. 191-200 10 p.

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

Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples

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

Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration

Çetinkaya, A. Y., Köroğlu, 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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Research output: Book/Report › Doctoral thesis › Collection of Articles

Microalgae grow on source separated human urine in Nordic climate: Outdoor pilot-scale cultivation

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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.

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

Assessment of metabolic flux distribution in the thermophilic hydrogen producer *Caloramator celer* as affected by external pH and hydrogen partial pressure

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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

D'Ignazio, M., May 2015, 5 *IAGIG, Incontro Annuale dei Giovani Ingegneri Geotecnici*. Rome

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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E-sail test payload of the ESTCube-1 nanosatellite

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

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

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

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

Conversion of Solid Waste into Functional Carbon Materials: A Review

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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 > Conference contribution > Scientific > peer-review

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

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

Hydrodynamic drag and velocity of micro-bubbles in dilute paper machine suspensions

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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 › Anthology › Scientific › peer-review

Vesihuoltotoimintojen ulkoistaminen Suomessa

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Research output: Book/Report › Commissioned report › Professional

Jätehuollon, -politiikan ja -lainsäädännön institutionaalinen kuvaus

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Jätehuollon tekniset vaihtoehdot

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

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

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

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Research output: Contribution to journal › Article › Professional

Osuuskunnat mukaan infrastruktuuripolitiikkaan

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Research output: Contribution to journal › Article › Professional

Ulkoistaminen apuväline vesihuoltoverkostojen kunnossapitoon?

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Research output: Contribution to journal › Article › Professional

Käänteiset perusrakenteet : Suuntana hajautettu infrastruktuuripolitiikka?

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Research output: Contribution to journal › Article › Professional

Halpaa eli hyvää - minkälaisia merkityksiä vesihuoltoala rakentaa itsestään

Heino, O. & Takala, A., 2013, In : *Kunnallistieteellinen Aikakauskirja*. 41, 3, p. 226-245

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

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

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Tighter contracts or more trust? Outsourcing in Finnish water utilities

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

Kohti hajautettua infrastruktuuripolitiikkaa? Paikalliset vesiosuuskunnat perusrakenteiden tuottajina

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Social Norms in Water Services: Exploring the Fair Price of Water

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

Konvergenssi ja divergenssi ongelmatyyppien luonnehtijoina: Esimerkkinä vesihuoltoinfrastruktuurin ikääntyminen

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

Enabling and Integrative Infrastructure Policy: The Role of Inverse Infrastructures in Local Infrastructure Provision with Special Reference to Finnish Water Cooperatives

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Research output: Book/Report > Commissioned report > Professional

Paradigman jäljillä: Tutkimus vesihuollon ajattelumalleista

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

Taking Water Services to the Next Level: A Paradigm Shift?

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Research output: Contribution to journal > Comment/debate > Scientific > peer-review

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

Towards the EU emissions targets of 2050: optimal energy renovation measures of Finnish apartment buildings

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

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Ilmasto muuttuu, riittääkö vesi?

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Katko, T. S., Hukka, J. J., Mashauri, D. A. & Nyangeri, E. N., 2014, *Global water : issues and insights*. Grafton, R. Q., Wyrwoll, P., White, C. & Allendes, D. (eds.). Australia: ANU Press, Australian National University Press, p. 231-239 9 p.

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

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Katko, T., 2011, In : Ympäristöhistoria: Finnish Journal of Environmental History. 1, 2, p. 8-11

Research output: Contribution to journal › Article › Scientific

Asteittain kohti keskitettyä jätevedenpuhdistusta

Katko, T., 2010, *Näkymätöntä Porrii. Porin Veden historia*. Juuti, P., Katko, T., Louekari, S. & Rajala, R. (eds.). p. 312-369

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

Dags att syna utmaningarna inom vattenförsörjningen

Katko, T. S., 2013, In : Finlands Kommuntidning. 19, 8, p. 30-31 2 p.

Research output: Contribution to journal › Article › Professional

Vesihuolto osana näkymätöntä kaupunkia

Katko, T. S., 2013, In : RY Rakennettu ympäristö. 50, 5, p. 18-21 4 p.

Research output: Contribution to journal › Article › Professional

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Research output: Contribution to journal › Article › Professional

Pääkirjoitus : Vesihuoltolaitosten historiat imagon nostajana / Editorial : Relevance of history for current water services management and governance

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

Research output: Contribution to journal › Article › Scientific

Yhdysvaltain vesihuollossa julkissektori avainasemassa. Haasteina niukentuvien vesivarojen hallinta ja ikääntyvä infrastruktuuri

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

Research output: Contribution to journal › Article › Professional

"Rocky Fountains" of Keciören, Turkey

Katko, T. S., 2012, *Water Fountains in the Worldscape*. Ari, J. H., Petri, S. J. & Tapio, S. K. (eds.). Kangasala: International Water History Association and KehräMedia, p. 128-131

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Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle

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Research output: Contribution to journal › Article › Professional

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

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Research output: Contribution to journal › Article › Professional

Institutional development is the key for sustainable water services in the built environment

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

Finnish water services: Experiences in global perspective

Katko, T. S., 4 Nov 2016, Helsinki: Finnish Water Utilities Association. 288 p.

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

Water services heritage and institutional diversity

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

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

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

Opening of the seminar

Katko, T. S., 29 Oct 2013.

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

The Challenge of Aging Infrastructure, Aging Staff and Reflections for Education and Research

Katko, T. S., 12 Aug 2014.

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

Education, Research and Capacity Building for Water Services

Katko, T., 20 Sep 2012.

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

The need for "champions" in rural water supply

Katko, T. S., 1994, In : *Waterlines*. 12, 3, p. 19-22

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

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Katko, T. S., Apr 2017, In : *Promaint*. 29, 2, p. 17 1 p.

Research output: Contribution to journal › Article › Professional

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Katko, T. S. & Hukka, J., Apr 2017, In : *Kanava*. 45, 3, p. 57-58 2 p.

Research output: Contribution to journal › Comment/debate › General public

Vesihuollon globaalit haasteet ja instituutioiden roolit

Katko, T. S., 9 May 2017, In : *Econetin asiakaslehti AQ*. 1, p. 15 1 p.

Research output: Contribution to journal › Article › Professional

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Historian hajuista tuoksujen tulevaisuuteen: Pääkaupunkiseudun jätevedenpuhdistuksen keskeiset päätökset Espoon näkökulmasta

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Research output: Other contribution › Scientific

Kirja-arviointi: Kuinka vesiensuojelu saatiin pääosin kuntoon?

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Katko, T. S. & Hukka, J. J., Oct 2017, *Koulutuksen ja tutkimuksen murros yliopistoissa uuden vuosikymmenen kynnyksellä*. Juuti, P. & Uusi-Rasi, K. (eds.). Tampere: Tampereen dosenttiyhdistys, p. 32-39 8 p. (Tampereen dosenttiyhdistyksen julkaisuja).
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Research output: Contribution to journal › Article › Scientific › peer-review

Vesihuolto kaupungistuvissa yhteiskunnissa

Katko, T. S. & Pietilä, P., 2017, In : *Alue ja Ympäristö*. 46, 1, p. 32-39 8 p.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Finnish water services: Experiences in global perspective

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

Finland's Water Services: Looking to its Past to Figure Out its Future.

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Research output: Contribution to journal › Article › Scientific

Suomen vesihuollon kehitys kansainvälisessä kontekstissa

Katko, T. S. & Juuti, P., 2018, In : *Tekniikan Waiheita: Teknik I Tiden*. 36, 2, p. 5-24 20 p.
Research output: Contribution to journal › Article › Scientific › peer-review

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Research output: Contribution to journal › Article › Professional

Book Review: Time for Customer Orientation in Water Utilities Customer experience management for water utilities. Marketing urban water supply

Katko, T. S. & Rajala, R. P., 2019, In : Public Works Management & Policy. 24, 2, p. 228-230

Research output: Contribution to journal › Literature review › Scientific

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

Economic analysis of hydrogen production by methane thermal decomposition: Comparison to competing technologies

Keipi, T., Tolvanen, H. & Konttinen, J., 1 Mar 2018, In : Energy Conversion and Management. 159, p. 264-273 10 p.

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Kerokoski, O., Rantala, T. & Nurmikolu, A., 31 May 2016, *WCRR 2016 Proceedings: 11th World congress on railway research, 29.5-2.6.2016, Milano*.

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

Radon, fungal spores and MVOCs reduction in crawl space house: A case study and crawl space development by hygrothermal modelling

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

Transient-state operation of an anoxic biotrickling filter for H₂S removal

Khanongnuch, R., Di Capua, F., Lakaniemi, A-M., Rene, E. R. & Lens, P., 5 Sep 2019, In : Journal of Hazardous Materials. 377, p. 42-51 10 p.

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

Hydrogen sulfide removal from synthetic biogas using anoxic biofilm reactors

Khanongnuch, R., 21 May 2019, Tampere University. 187 p. (Tampere University Dissertations)

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

Influence of temperature and pretreatments on the anaerobic digestion of wastewater grown microalgae in a laboratory-scale accumulating-volume reactor

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

Recycling mine tailings in chemically bonded ceramics - A review

Kinnunen, P., Ismailov, A., Solismaa, S., Sreenivasan, H., Räsänen, M-L., Levänen, E. & Illikainen, M., 2018, In : *Journal of Cleaner Production*. 174, p. 634-649

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

The most difficult at-fault fatal crashes to avoid with current active safety technology

Koisaari, T., Utriainen, R., Kari, T. & Tervo, T., 13 Dec 2019, In : *Accident Analysis and Prevention*. 135, 2020, 105396.

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

Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice

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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

Kokko, L., 2014, Tampere: Tampere University of Technology. 124 p. (Tampere University of Technology. Publication; vol. 1260)

Research output: Book/Report > Doctoral thesis > Monograph

Comparing the energy required for fine grinding torrefied and fast heat treated pine

Kokko, L., Tolvanen, H., Hämäläinen, K. & Raiko, R., 2012, In : *Biomass & Bioenergy*. 42, Jul, p. 219-223

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

Betonirakenteiden korjausohjeet 2016, by 41

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Research output: Book/Report > Book > Professional

Modelling of plastic culvert and road embankment interaction in 3D

Kolisoja, P. & Kalliainen, A., 2016, In : *Procedia Engineering*. 143, p. 427-434 8 p.

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

The role of inorganics in modelling of biomass gasification

Konttinen, J., Kramb, J., DeMartini, N. & Gomez-Barea, A., 13 Jun 2017, *EUBCE 2017 Online Conference Proceedings*. Ek, L., Ernrooth, H., Scarlat, N., Grassi, A. & Helm, P. (eds.). ETA-Florence Renewable Energies, p. 443-447 5 p.

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

Values and Attitudes in Engineering Education

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

Cardiac Pacemakers in Electric and Magnetic Fields of 400-kV Power Lines

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

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Research output: Contribution to journal › Article › Professional

Examples of using the moodle virtual learning environment for teaching technical university students

Korpinen, L., Gonzalez-Sosa, J. & Tepsa, K., 2012, *EDULEARN12 Proceedings, 4th International Conference on Education and New Learning Technologies, 2-4 July, 2012, Barcelona, Spain*. Gomez Chova, L., Candel Torres, I. & Lopez Martinez, A. (eds.). Barcelona: International Association of Technology, Education and Development IATED, p. 981-990 (International Conference on Education and New Learning Technologies).

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

The technical students' feedback from the course issues on environmental health

Korpinen, L., Lehtelä, R., Vesapuisto, M. & Vekara, T., 2011, *Proceedings of the 22nd EAEEIE Annual Conference - EAEEIE 2011, Maribor, Slovenia, June 13-15, 2011*. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science, p. 119-123 (EAEEIE Annual Conference).

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

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Research output: Book/Report › Book › Professional

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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: Book/Report › Commissioned report › Professional

Occupational Exposure to Electric and Magnetic Fields While Working at Switching and Transforming Stations of 110 kV

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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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Korpinen, L. & Pääkkönen, R., 2011, In : *Mental Illness*. 3, 1, p. 25-28

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

Experiences of integrating MSc student research projects in the "electromagnetic fields and health" area

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

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

White-Collar Workers' Self-Reported Physical Symptoms Associated With Using Computers

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

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The designing and the implementation of WWW-course "Electricity, Electronics and Environment"

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

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Korpinen, L., Elovaara, J. A. & Kuisti, H. A., 2011, In : *Bioelectromagnetics*. p. 79-83

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

Physical symptoms in young adults and their use of different computers and mobile phones

Korpinen, L. & Pääkkönen, R., 2011, In : *International Journal of Occupational Safety and Ergonomics*. 17, 4, p. 361-371

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

Testing activity-based costing to large-scale combined heat and power plant using bioenergy

Korpinen, H. & Raiko, R., 2013, In : *International Journal of Energy Research*. p. 1-11 11 p.

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

Nitrogen recovery from reject water in a 3-chamber bioelectroconcentration cell

Koskue, V., Ledezma, P., Freguia, S. & Kokko, M., Sep 2018.

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

Towards enhanced nutrient recovery, biogas production and upgrading through AD and BES integration

Koskue, V., Ledezma, P., Freguia, S. & Kokko, M., 24 Jun 2019.

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

Effect of HRT on nitrogen recovery from real reject water in a 3-chamber bioelectroconcentration cell

Koskue, V., Rinta-Kanto, J., Ledezma, P., Freguia, S. & Kokko, M., 7 Oct 2019.

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

Influence of Diffusion Barriers on Thermal Ageing Behaviour of Solar Absorber Coatings on Copper

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A method for design of sound insulation of glazed balconies against traffic noise

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

Elimination of arsenic-containing emissions from gasification of chromated copper arsenate wood

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

Perfusion characterization using flow simulations and μ PIV measurements

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

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Kuhad, R. C., Deswal, D., Sharma, S., Bhattacharya, A., Kumar Jain, K., Kaur, A., Pletschke, B. I., Singh, A. & Karp, M., 2016, In : *Renewable and Sustainable Energy Reviews*. 55, p. 249-272 24 p.

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

Bilateral collaboration in municipal water and wastewater services in Finland

Kurki, V. O., Katko, T. S. & Pietilä, P. E., 2010, In : *Water*. 2, 4, p. 815-825

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

Vesihuollon ylikunnalliset sopimukset lisääntymässä

Kurki, V., 2010, In : *Kuntatekniikka*. 2, p. 18-18

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Managed aquifer recharge in community water supply: the Finnish experience and some international comparisons

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

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

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

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

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

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Research output: Book/Report › Commissioned report › Professional

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Research output: Contribution to journal › Article › Scientific

Turning up the heat on printability

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Research output: Contribution to journal › Article › 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

Mine wastewater treatment using *Phalaris arundinacea* plant material hydrolyzate as substrate for sulfate-reducing bioreactor

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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: Book/Report › Commissioned report › Professional

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KUPERA-kaupunkien teknisen sektorin johto kaipaa toimintakulttuuriin muutosta : Haasteista innovatiivisiin mahdollisuuksiin

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Research output: Contribution to journal › Article › Professional

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Kokeellinen tutkimus savupiipun läpivientieristeen orgaanisen aineen palamisen vaikutuksesta paloturvallisuuteen

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Liikenteen päästötavoitteiden saavuttaminen 2030 - politiikkatoimenpiteiden tarkastelu

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

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Research output: Other contribution › Scientific

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Fate of dissolved organic matter in softwood element-chlorine-free bleached kraft mill fiberline

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Biological methane oxidation in landfill cover soil - constrained by concurrent decomposition processes and sulphide oxidation?

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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

Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater

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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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Highly compact TiO₂ films by spray pyrolysis and application in perovskite solar cells

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Stabilization of fine fraction from landfill mining in leach bed reactor

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Ravinnevisio: Selvitys Pirkanmaan puhdistamolietteiden ja biojätteiden ravinteista ja niiden potentiaalisesta käytöstä
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Research output: Book/Report › Commissioned report › Professional

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Research output: Book/Report > Book > Professional

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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

Replacing centralised waste and sanitation infrastructure with local treatment and nutrient recycling: Expert opinions in the context of urban planning

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Autolaskurin käyttöopas ja laskennan perusteet

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Research output: Book/Report > Commissioned report > Professional

Sähköautoilla suuri vähennys päästöihin - pian myös kilpailukyiseen hintaan

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Research output: Book/Report > Commissioned report > Professional

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

Acetotrophic Activity Facilitates Methanogenesis from LCFA at Low Temperatures: Screening from Mesophilic Inocula

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

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Singh, S., 11 Dec 2019, Tampere University. 139 p. (Tampere University Dissertations)

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

Increasing oxygen deficiency changes rare and moderately abundant bacterial communities in coastal soft sediments

Sinkko, H., Hepolehto, I., Lyra, C., Rinta-Kanto, J. M., Villnäs, A., Norkko, A. & Timonen, S., 8 Nov 2019, In : *Scientific Reports*. 9, 16341.

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

Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties

Sippola, R. J., Hadipour, A., Kastinen, T., Vivo, P., Hukka, T. I., Aernouts, T. & Heiskanen, J. P., 8 Nov 2017, In : *Dyes and Pigments*. 150, p. 79-88 10 p., j.dyepig.2017.11.014.

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

Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?

Soinne, H., Keskinen, R., Heikkinen, J., Hyväluoma, J., Uusitalo, R., Peltoniemi, K., Velmala, S., Pennanen, T., Fritze, H., Kaseva, J., Hannula, M. & Rasa, K., 20 Aug 2020, In : *Science of the Total Environment*. 731, 138955.

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

Valorization of Finnish mining tailings for use in the ceramics industry

Solismaa, S., Ismailov, A., Karhu, M., Sreenivasan, H., Lehtonen, M., Kinnunen, P., Illikainen, M. & Räisänen, M-L., 2018, In : *BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND*. 90, 1, p. 33-54

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

To fractionate municipal solid waste incineration bottom ash: Key for utilisation?

Sormunen, L. A. & Rantsi, R., 2015, In : *Waste Management and Research*.

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

Innovative use of recovered municipal solid waste incineration bottom ash as a component in growing media

Sormunen, A., Kannianen, T., Salo, T. & Rantsi, R., 1 Jul 2016, In : *Waste Management and Research*. 34, 7, p. 595-604

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

Combining mineral fractions of recovered MSWI bottom ash: improvement for utilization in civil engineering structures

Sormunen, L. A., Kalliainen, A., Kolisoja, P. & Rantsi, R., 22 Aug 2016, In : *Waste and Biomass Valorization*. 12 p.

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

Mechanical properties of recovered municipal solid waste incineration bottom ash: the influence of aging and changes in moisture content

Sormunen, L. A. & Kolisoja, P., 2018, In : Road Materials and Pavement Design . 19, 2, p. 252-270

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

Energistä utopiaa?

Sorri, J., 2017, In : Futura. 36, 1, p. 38-39 2 p.

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