

Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level

Klauson, Deniss; Romero Sarcos, Natalja; **Kritševskaja, Marina;** Kattel, Eneliis; **Dulova, Niina;** Dedova, Tatjana; **Trapido, Marina** Journal of environmental chemical engineering 2019 / art. 103287, 8 p. : ill <https://doi.org/10.1016/j.jece.2019.103287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in nanomaterials induced biohydrogen production using waste biomass

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar;** Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; **Jaagura, Madis;** Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types

Klauson, Deniss; Šakarašvili, Marko; **Pronina, Natalja;** **Kritševskaja, Marina;** Kärber, Erki; **Mikli, Valdek** Environmental technology 2017 / p. 860-871 : ill <https://doi.org/10.1080/09593330.2016.1214185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea

Kotta, Jonne; **Raudsepp, Urmas;** Szava-Kovats, Robert; Szava-Kovats, Robert; Aps, Robert; Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn; **Maljutenko, Ilja** Science of the total environment 2022 / art. 156230 ; 14 p. : ill <https://doi.org/10.1016/j.scitotenv.2022.156230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species

Blinova, Irina; Vija, Heiki; Lukjanova, Aljona; **Muna, Marge;** Syvertsen-Wiig, Guttorm; Kahru, Anne Science of the total environment 2018 / p. 1171-1176 : ill <https://doi.org/10.1016/j.scitotenv.2017.08.274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the toxic effects of mixtures of three lanthanides (Ce, Gd, Lu) to aquatic biota

Romero-Freire, A.; Joonas, E.; **Muna, Marge;** Cossu-Leguille, C.; Vignati, D.A.L.; **Giamberini, L.** Science of the total environment 2019 / p. 276-284 : ill <https://doi.org/10.1016/j.scitotenv.2019.01.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automated environmental compliance monitoring of rivers with IoT and open government data

Miasayedava, Lizaveta; McBride, Keegan David Braun; **Tuhtan, Jeffrey Andrew** Journal of environmental management 2022 / art. 114283, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2021.114283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bacterial communities in ballast tanks of cargo vessels - Shaped by salinity, treatment and the point of origin of the water but “hatch” its typical microbiome

Laas, Peeter; **Künnis-Beres, Kai;** Talas, Liisi; Tammert, Helen; **Kuprijanov, Ivan;** Herlemann, Daniel Philipp Ralf; Kisand, Veljo Journal of environmental management 2022 / art. 116403, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2022.116403> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Behaviour mechanisms and correlation between lead (Pb) and its isotope ²¹⁰Pb in industrial residue as an indicator for waste characterization

Vaasma, Taavi; **Bitjukova, Liidia;** Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental technology 2016 / p. 3208-3218 : ill <https://doi.org/10.1080/09593330.2016.1181673> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; **Lukk, Tiit;** **Karpichev, Yevgen;** Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar Science of the total environment 2023 / art. 163002 <https://doi.org/10.1016/j.scitotenv.2023.163002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill <https://doi.org/10.1016/j.biortech.2020.124548> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation

Trapido, Marina; Tenno, Taavo; **Goi, Anna;** **Dulova, Niina;** **Kattel, Eneliis;** **Klauson, Deniss;** Klein, Kati; Tenno, Toomas; **Viisimaa, Marika** Journal of water process engineering 2017 / p. 277-282 : ill <https://doi.org/10.1016/j.jwpe.2017.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in the heating load of domestic hot water and its impact on the design of the district heating network
Kõiv, Teet-Andrus; Kovšikov, Aleksandr WSEAS transactions on environment and development 2015 / p. 108-115 : ill
<https://www.wseas.org/multimedia/journals/environment/2015/a245715-268.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

CO2 reduction to formate on an affordable bismuth metal-organic framework based catalyst
Avila-Bolivar, Beatriz; Cepitis, Ritums; **Alam, Mahboob; Starkov, Pavel** Journal of CO2 Utilization 2022 / art. 101937, 11 p
<https://doi.org/10.1016/j.jcou.2022.101937> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations
Pitk, Peep; Kaparaju, Prasad; Palatsi, Jordi; Affes, Rim; **Vilu, Raivo** Bioresource technology 2013 / p. 227-232 : ill
<https://www.sciencedirect.com/science/article/pii/S0960852413002526> <https://doi.org/10.1016/j.biortech.2013.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-gasification of biomass and oil shale under CO2 atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)
Sinisalu, Mari; Järvik, Oliver; Mets, Birgit; Konist, Alar Bioresource technology 2024 / art. 130086
<https://doi.org/10.1016/j.biortech.2023.130086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Column experiment on activation aids and biosurfactant application to the persulphate treatment of chlorophene-contaminated soil
Bolobajev, Juri; Bilgin Öncü, Nalan; **Viisimaa, Marika; Trapido, Marina;** Balcioglu, Isil Akmeahmet; **Goi, Anna** Environmental technology 2015 / p. 348-357 : ill <https://doi.org/10.1080/09593330.2014.948493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined processes for wastewater purification : treatment of a typical landfill leachate with a combination of chemical and biological oxidation processes
Klauson, Deniss; Kivi, Arthur; **Kattel, Eneliis;** Klein, Kati; **Viisimaa, Marika; Bolobajev, Juri;** Velling, Siiri; **Goi, Anna;** Tenno, Taavo; **Trapido, Marina** Journal of chemical technology and biotechnology 2015 / p. 1527-1536 : ill <https://doi.org/10.1002/jctb.4484> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.)
Gupta, Pratishtha; Kumar, Vipin; Usmani, Zeba; Rani, Rupa; Chandra, Avantika; **Gupta, Vijai Kumar** Journal of hazardous materials 2019 / 7 p. : ill <https://doi.org/10.1016/j.jhazmat.2019.05.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coordinated optimization of parameters of PSS and UPFC-PODCs to improve small-signal stability of a power system with renewable energy generation
He, Ping; Shen, Runjie; **Wen, Fushuan;** Pan, Qi Journal of energy engineering 2021 / p. 04020089-1-04020089-11 : ill
[https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000737](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000737) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction: Improving Pharmaceuticals Removal at Wastewater Treatment Plants Using Biochar: A Review (Waste and Biomass Valorization, (2023), 14, 8, (2433-2458), 10.1007/s12649-023-02070-2)
Akintola, Ayooluwa Tomiwa; **Ayankunle, Ayankoya Yemi** Waste and biomass valorization 2023 / p. 2459-2460
<https://doi.org/10.1007/s12649-023-02093-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to “Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea” [Sci. Total Environ. 839 (2022) 156230] (Science of the Total Environment (2022) 839, (S0048969722033277), (10.1016/j.scitotenv.2022.156230))
Kotta, Jonne; Raudsepp, Urmas; Szava-Kovats, Robert; **Aps, Robert;** Armoskaite, Aurelija; Barda, Ieva; Bergström, Per; Futter, Martyn Norman; Gröndahl, Fredrik; Hargrave, Matthew S.; Jakubowska, Magdalena; Jänes, Holger; Kaasik, Ants; Kraufvelin, Patrik; Kovaltchouk, Nikolaj A.; Krost, Peter; Kulikowski, Tomasz; Kõivupuu, Anneliis; Kotta, Ilmar; Lees, Liisi; Loite, Sander; Maljutenko, Ilja; Nylund, Göran Mikael; Paalme, Tiina; Paviá, Henrik; Andersone, Ingrida; Rahikainen, Moona M.; Sandow, Verena; Visch, Wouter; Yang, B.; Barboza, Francisco Rafael Science of the Total Environment 2023 / art. 165870
<https://doi.org/10.1016/j.scitotenv.2023.165870> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to “Digitalization and real-time control to mitigate environmental impacts along rivers: Focus on artificial barriers, hydropower systems and European priorities” [Sci. Total Environ. 875 (2023) 162489] (Science of the Total Environment (2023) 875, (S0048969723011051), (10.1016/j.scitotenv.2023.162489))
Quaranta, Emanuele; Bejarano, Maria Dolores; Comoglio, Claudio; Fuentes-Pérez, Juan Francisco; Pérez-Díaz, Juan Ignacio; Sanz-Ronda, Francisco Javier; Schletterer, Martin; Szabo-Meszaros, Marcell; **Tuhtan, Jeffrey A.** Science of the total environment 2024 / 1 p <https://doi.org/10.1016/j.scitotenv.2024.171913> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

COVID-19 and waste production in households: A trend analysis

Filho, Walter Leal; **Voronova, Viktoria; Klõga, Marija**; Paco, A; Minhas, A Science of the total environment 2021 / art. 145997, 7 p
<https://doi.org/10.1016/j.scitotenv.2021.145997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crumb rubber as a secondary raw material from waste rubber : a short review of end-of-life mechanical processing methods

Lapkovskis, Vjaceslavs; Mironovs, Viktors; Kasperovich, Andrei; Myadelets, Vadim; **Goljandin, Dmitri** Recycling 2020 / art. 32, 20 p.
: ill <https://doi.org/10.3390/recycling5040032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Damping characteristics of interconnected power systems with wind-photovoltaic-thermal-bundled power transmitted by AC/DC systems

He, Ping; Li, Zhao; Zheng, Mingming; **Wen, Fushuan**; Ji, Yugi; Wu, Xinxin Journal of energy engineering 2021 / p. 04021029-1-04021029-10 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000765](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000765) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deammonification process start-up after enrichment of anammox microorganisms from reject water in a moving-bed biofilm reactor

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Kroon, Kristel; Vabamäe, Priit; Salo, Erik; Tenno, Taavo; **Loorits, Liis**; Dc Rubin, Sergio S. C.; Vlaeminck, Siegfried E. Environmental Technology (United Kingdom) 2013 / p. 3095 - 3101
<https://doi.org/10.1080/09593330.2013.803134> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Degradation of anti-inflammatory drug dexamethasone by pulsed corona discharge : The effect of peroxycompounds addition

Onga, Liina; Kattel-Salusoo, Eneliis; Preis, Sergei; Dulova, Niina Journal of environmental chemical engineering 2022 / art. 108042 <https://doi.org/10.1016/j.jece.2022.108042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depth-dependent hydraulic roughness and its impact on the assessment of hydropeaking

Kopecki, Ianina; Schneider, Matthias; **Tuhtan, Jeffrey Andrew** Science of the total environment 2017 / p. 1597-1605 : ill
<https://doi.org/10.1016/j.scitotenv.2016.10.110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developments in enzyme and microalgae based biotechniques to remediate micropollutants from aqueous systems - a review

Usmani, Zeba; Sharma, Minaxi; **Lukk, Tiit; Karpichev, Yevgen** Critical reviews in environmental science and technology 2022 / p. 1684-1729 <https://doi.org/10.1080/10643389.2020.1862551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DHW design flow rates in educational, office buildings and shopping centers

Kõiv, Teet-Andrus; Hani, Allan; Toode, Alvar WSEAS Transactions on Environment and Development 2013 / p. 47-56
<https://www.wseas.org/multimedia/journals/environment/2013/56-279.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Digitalization and real-time control to mitigate environmental impacts along rivers: focus on artificial barriers, hydropower systems and European priorities

Quaranta, Emanuele; Bejarano, Maria Dolores; Comoglio, Claudio; Fuentes-Pérez, Juan Francisco; Pérez-Díaz, Juan Ignacio; Sanz-Ronda, Francisco Javier; **Schletterer, Martin**; Szabo-Meszaros, Marcell; **Tuhtan, Jeffrey Andrew** Science of the total environment 2023 / 22 p. : ill <https://www.sciencedirect.com/science/article/pii/S0048969723011051> <https://doi.org/10.1016/j.scitotenv.2023.162489> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Domestic organic waste treatment through vermitechnology

Ivask, Mari; Olle, Lilian; **Nei, Lembit** Waste management & research 2013 / p. 878 <https://doi.org/10.1177/0734242X13493730> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Drivers of dissolved organic carbon export in a subarctic catchment : importance of microbial decomposition, sorption-desorption, peatland and lateral flow

Tang, Jing; Yurova, Alla Y.; Schurger, Guy; Miller, Paul A.; Olin, Stefan; Smith, Benjamin; Siewert, Matthias B.; Olefeldt, David; Pilesjö, Petter; **Poska, Anneli** Science of the total environment 2018 / p. 260-274 : ill <https://doi.org/10.1016/j.scitotenv.2017.11.252> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial overview : a closer look on green developments in analytical chemistry: green analytical chemistry is going mainstream

Koel, Mihkel; Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2021 / Art. 100541
<https://doi.org/10.1016/j.cogsc.2021.100541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of log soaking and the temperature of peeling on the properties of rotary-cut birch (Betula pendula Roth) veneer bonded with phenol-formaldehyde adhesive

Rohumaa, Anti; Yamamoto, Akio; Hunt, Christopher Glaab; Frihart, Charles Richard; Hughes, Mark; **Kers, Jaan** Bioresources 2016 / p. 5829-5838 : ill <https://doi.org/10.15376/biores.11.3.5829-5838> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by *Clostridium pasteurianum* (MTCC116)

Srivastava, Neha; Srivastava, Manish; Kushwaha, Deepika; **Gupta, Vijai Kumar; Manikanta, Ambepu**; Ramteke, Pramod Wasudeo; **Mishra, Pradeep Kumar** Bioresource technology 2017 / p. 552-558 : ill <https://doi.org/10.1016/j.biortech.2017.04.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions from burning municipal solid waste and wood in domestic heaters

Maasikmets, Marek; **Kupri, Hanna-Lii**; Teinemaa, Erik; Vainumäe, Keio; Arumäe, Tarvo; Roots, Ott; Kimmel, Veljo Atmospheric pollution research 2016 / p. 438-446 : ill <https://doi.org/10.1016/j.apr.2015.10.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; **Gupta, Vijai Kumar**; Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy trading and management strategies in a regional integrated energy system with multiple energy carriers and renewable-energy generation

Wang, Yizheng; Jiang, Chenwei; **Wen, Fushuan**; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000726](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental risks and problems of the optimal management of an oil shale semi-coke and ash landfill in Kohtla-Järve, Estonia

Vallner, Leo; Gavrilova, Olga; Vilu, Raivo Science of the total environment 2015 / p. 400-415 : ill <https://doi.org/10.1016/j.scitotenv.2015.03.130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estimating microplastics related to laundry wash and personal care products released to wastewater in major Estonian cities: a comparison of calculated and measured microplastics

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Kõrgmaa, Vallo; Mishra, Arun; Lind, Kati Journal of environmental health science and engineering 2023 / p. 225-237 <https://doi.org/10.1007/s40201-023-00856-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of microalgae production coupled with wastewater treatment

De Francisci, Davide; Su, Yixi; **lital, Arvo**; Angelidaki, Irini Environmental technology 2018 / p. 581-592 : ill <https://doi.org/10.1080/09593330.2017.1308441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of the potential hazard of lanthanides to freshwater microcrustaceans

Blinova, Irina; Lukjanova, Aljona; **Muna, Marge**; Vija, Heiki; Kahru, Anne Science of the total environment 2018 / p. 1100-1107 : ill <https://doi.org/10.1016/j.scitotenv.2018.06.155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of biochemical processes in coking wastewater treatment : a combined evaluation of material and energy efficiencies and secondary pollution

Qin, Zhi; Wei, Cong; Wei, Tuo; Li, Zemin; Pang, Zijun; Luo, Pei; Feng, Chunhua; Qiu, Guanglei; Wei, Chaohai; Wu, Haizhen; Peng, Yahuan; Jian, Chengfu; **Preis, Sergei** Science of the total environment 2022 / 13 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.151072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental and modeling studies of intermediate pyrolysis of wood in a laboratory-scale continuous feed retort reactor

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar**; Sarker, Shilpu Bioresource technology reports 2023 / art. 101650 <https://doi.org/10.1016/j.biteb.2023.101650> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The experimental and theoretical investigations of damage development and distribution in double-forged tungsten under plasma irradiation-initiated extreme heat loads

Väli, Berit; Laas, Tõnu; Paju, Jana; **Antonov, Maksim** Nukleonika 2016 / p. 169-177 : ill <https://doi.org/10.1515/nuka-2016-0029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A feasibility study of municipal solid waste incineration fly ash utilisation in Estonia

Berber, Hakan; Frey, Ruedi; **Voronova, Viktoria**; Koroljova, Arina Waste management and research 2017 / p. 904-912 : ill <https://doi.org/10.1177/0734242X17707574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ferrous ion-activated persulphate process for landfill leachate treatment : removal of organic load, phenolic micropollutants and nitrogen

Kattel, Eneliis; Dulova, Niina Environmental technology 2017 / p. 1223-1231 : ill <https://doi.org/10.1080/09593330.2016.1221472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Free amino acids in the Arctic snow and ice core samples : potential markers for paleoclimatic studies

Barbaro, Elena; Spolaor, Andrea; Karroca, Ornella; Park, Ki-Tae; **Martma, Tõnu** Science of the total environment 2017 / p. 454-462 : ill <https://doi.org/10.1016/j.scitotenv.2017.07.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fronts in the Baltic Sea : a review with a focus on its North-Eastern Part

Suursaar, Ülo; **Elken, Jüri**; Belkin, Igor M. The Handbook of Environmental Chemistry 2022 / p. 1-39
https://doi.org/10.1007/978_2021_813 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity

Heinlaan, Margit; Kasemets, Kaja; Aruoja, Villem; Blinova, Irina; Bondarenko, Olesja; Lukjanova, Aljona; Khosrovyan, Alla; Kurvet, Imbi; Pullerits, Mirjam; Sihtmäe, Mariliis; **Vasiliev, Grigory**; Vija, Heiki; Kahru, Anne Science of the total environment 2020 / art. 136073, 7 p. : ill <https://doi.org/10.1016/j.scitotenv.2019.136073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Herbage production and chemical characteristics for bioenergy production by plant functional groups from semi-natural grasslands

Melts, Indrek; Heinsoo, Katrin; **Ivask, Mari** Biomass and bioenergy 2014 / p. 160-166 : ill <https://doi.org/10.1016/j.biombioe.2014.04.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia**; Slepeliene, Alvyra; Slepetyt, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill
<https://doi.org/10.1080/03067319.2015.1048435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hospital wastewater treatment with pilot-scale pulsed corona discharge for removal of pharmaceutical residues

Ajo, Petri; **Preis, Sergei**; Vornamo, Timo; Mänttari, Mika; Kallioinen, Mari; Louhi-Kultanen, Marjatta Journal of environmental chemical engineering 2018 / p. 1569-1577 : ill <https://doi.org/10.1016/j.jece.2018.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Household solid waste combustion with wood increases particulate trace metal and lung deposited surface area emissions

Timonen, Hilka; Mylläri, Fanni; Simonen, Pauli; Aurela, Minna; Maasikmets, Marek; Bloss, Matthew; **Kupri, Hanna-Li**; Vainumäe, Keio; Lepistö, T.; Salo, Laura Journal of environmental management 2021 / art. 112793, 10 p. : ill
<https://doi.org/10.1016/j.jenvman.2021.112793> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydro-meteorological droughts across the Baltic Region : The role of the accumulation periods

Meilutyte-Lukauskiene, Diana; Nazarenko, Serhii; **Kobets, Yaroslav**; Akstinas, Vytautas; Sharifi, Alireza; Haghighi, Ali Torabi; Hashemi, Hossein; Kokorite, Ilga; Ozolina, Baiba Science of the total environment 2024 / art. 169669
<https://doi.org/10.1016/j.scitotenv.2023.169669> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydroxy- and fluorapatite as sorbents in Cd(II)–Zn(II) multi-component solutions in the absence/presence of EDTA

Viipsi, Karin; Sjöberg, Staffan; **Tönsuaadu, Kaia**; Shchukarev, Andrey Journal of hazardous materials 2013 / p. 91-98 : ill
<https://doi.org/10.1016/j.jhazmat.2013.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the blending method on the melting characteristics of ashes of biomass blends

Link, Siim; Yrjas, Patrik; Hupa, L. 25th European Biomass Conference and Exhibition : 12-15 June 2017, Stockholm, Sweden : proceedings 2017 / p. 547-551 <https://doi.org/10.5071/25thEUBCE2017-2BV.1.13> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improving ADM1 model to simulate anaerobic digestion start-up with inhibition phase based on cattle slurry

Normak, Argo; Suurpere, Jaak; Suitso, Indrek; Jõgi, Erkki; Kokin, Eugen; **Pitk, Peep** Biomass and Bioenergy 2015 / p. 260 - 266
<https://doi.org/10.1016/j.biombioe.2015.05.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving pharmaceuticals removal at wastewater treatment plants using biochar: a review

Akintola, Ayooluwa Tomiwa; **Ayankunle, Ayankoya Yemi** Waste and biomass valorization 2023 / p. 2433-2458
<https://doi.org/10.1007/s12649-023-02070-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector

Preisner, Michal; Smol, Marzena; **Roosalu, Kati** Journal of Environmental Management 2022 / art. 114261
<https://doi.org/10.1016/j.jenvman.2021.114261> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of birch false heartwood on the physical and mechanical properties of wood-plastic composites

Kallakas, Heikko; Ayansola, Gbenga; Tumanov, Tanel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Bioresources 2019 / p. 3554-3566 : ill <https://doi.org/10.15376/biores.14.2.3554-3566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integration of ozonation and sonication with hydrogen peroxide and persulfate oxidation for polychlorinated biphenyls-contaminated soil treatment

Goi, Anna; Viisimaa, Marika Journal of environmental chemical engineering 2015 / p. 2839-2847 : ill
<https://doi.org/10.1016/j.jece.2015.09.025> [Journal metrics at Scopus](#) [Article at Scopus](#)

Introduction to the Chemical Oceanography of Frontal Zones

Belkin, Igor M.; Aliani, Stefano; Alkire, Matthew B.; Badewien, Thomas H.; Berta, Maristella; Durán Gómez, Gloria Silvana; Eliassen, Solva Karadottir; **Elken, Jüri**; Griffa, Annalisa; Suursaar, Ülo The Handbook of Environmental Chemistry 2022 / p. 1-23
<https://doi.org/10.1007/978-94-007-894-894> [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion

Usmani, Zeba; Sharma, Minaxi; Gupta, Pratishtha; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Bhat, Rajeev; **Gupta, Vijai Kumar** Bioresource technology 2020 / art. 123003, 13 p <https://doi.org/10.1016/j.biortech.2020.123003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kamerabasiertes Monitoring von Fischen in Deutschland und der Schweiz

Haas, Christian; Meyer, Matthias; Schmalz, Maria; **Tuhtan, Jeffrey Andrew** WasserWirtschaft 2024 / p. 19 - 29
<https://doi.org/10.1007/s35147-024-2401-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Laboratory and pilot plant scale study on the removal of radium, manganese and iron from drinking water using hydrous manganese oxide slurry

Bolobajev, Juri; Leier, Maria; Vaasma, Taavi; Nilb, Nele; Salupere, Siiri Journal of environmental chemical engineering 2022 / art. 108942 <https://doi.org/10.1016/j.jece.2022.108942> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Land use change : a key ecological disturbance declines soil microbial biomass in dry tropical uplands

Tiwari, Shashank; Singh, Chhatrapal; Boudh, Siddharth; Rai, Pradeep Kumar; **Gupta, Vijai Kumar**; Singh, Jay Shankar Journal of environmental management 2019 / 10 p. : ill <https://doi.org/10.1016/j.jenvman.2019.04.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production

Al-Battashi, Huda Sultan; Annamalai, Neelamegam; Sivakumar, Nallusamy; **Gupta, Vijai Kumar** Reviews in Environmental Science and Biotechnology 2019 / p. 183–205 : ill <https://doi.org/10.1007/s11157-018-09488-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term mineral transformation of Ca-rich oil shale ash waste

Leben, Kristjan; Mötlep, Riho; Paaver, Peeter; **Konist, Alar**; **Pihu, Tõnu** Science of the total environment 2019 / p. 1404-1415 : ill
<https://doi.org/10.1016/j.scitotenv.2018.12.326> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term modelling of fly ash and radionuclide emissions as well as deposition fluxes due to the operation of large oil shale-fired power plants

Vaasma, Taavi; Kaasik, Marko; **Loosaar, Jüri**; Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 232-244 : ill <https://doi.org/10.1016/j.jenvrad.2017.08.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term monitoring of water treatment technology designed for radium removal-removal efficiencies and NORM formation

Hill, Liie; Suursoo, Siiri; Kiisk, Madis; Jantsikene, Alar; **Munter, Rein** Journal of radiological protection 2018 / 24 p. : ill
<https://doi.org/10.1088/1361-6498/aa97f2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mainstream-sidestream wastewater switching promotes anammox nitrogen removal rate in organic-rich, low-temperature streams

Zekker, Ivar; Raudkivi, Markus; Artemchuk, Oleg; Rikmann, Ergo; Priks, Hans; **Jaagura, Madis**; Tenno, Taavo Environmental technology 2021 / 10 p. : ill <https://doi.org/10.1080/09593330.2020.1721566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mesophilic co-digestion of dairy manure and lipid rich solid slaughterhouse wastes : process efficiency, limitations and floating granules formation

Pitk, Peep; Palatsi, Jordi; Kaparaju, Prasad; Fernandez, Belen; **Vilu, Raivo** Bioresource technology 2014 / p. 168-177 : ill
<https://doi.org/10.1016/j.biortech.2014.05.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling transmission systems in energy system analysis : a comparative study

Gunkel, Philipp A.; **Koduvere, Hardi**; Kirkerud, Jon Gustav Journal of environmental management 2020 / art. 110289

<https://doi.org/10.1016/j.jenvman.2020.110289> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nationwide review of heavy metals in municipal sludge wastewater treatment plants in China: Sources, composition, accumulation and risk assessment

Cheng, Xiaoqian; Wei, Cong; Ke, Xiong; Pan, Jiamin; Wei, Gengrui; Chen, Yao; Wei, Chaohai; Li, Fusheng; **Preis, Sergei** Journal of hazardous materials 2022 / art. 129267 <https://doi.org/10.1016/j.jhazmat.2022.129267> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Nitric oxide for anammox recovery in a nitrite-inhibited deammonification system

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Loorits, Liis**; Kroon, Kristel; Fritze, Hannu; Tuomivirta, Tero; Vabamäe, Priit; Raudkivi, Markus; Mandel, Anni; Rubin, Sergio S.C.; Tenno, Taavo Environmental Technology (United Kingdom) 2015 / p. 2477 - 2487

<https://doi.org/10.1080/09593330.2015.1034791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitritating-anammox biomass tolerant to high dissolved oxygen concentration and C/N ratio in treatment of yeast factory wastewater

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Seiman, Andrus**; **Loorits, Liis** Environmental technology 2014 / p. 1565-1576 : ill

<https://doi.org/10.1080/09593330.2013.874492> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-deposit system option for waste management on small islands

Vilms, Monica; **Voronova, Viktoria** Waste management & research 2016 / p. 748-754 : ill <https://doi.org/10.1177/0734242X16654752>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel method for comparison of biocidal properties of nanomaterials to bacteria, yeasts and algae

Suppi, Sandra; Kasemets, Kaja; Ivask, Angela; Künnis-Beres, Kai; Sihtmäe, Mariliis; Kurvet, Imbi; Aruoja, Villem; Kahru, Anne Journal of Hazardous Materials 2015 / p. 75 - 84 <https://doi.org/10.1016/j.jhazmat.2014.12.027> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzate under co-culture system

Srivastava, Neha; Srivastava, Manish; **Gupta, Vijai Kumar** Bioresource technology 2018 / p. 337-345 : ill

<https://doi.org/10.1016/j.biortech.2018.09.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of attitudes towards plastics and bioplastics in Europe

Filho, Walter Leal; Salvia, Amanda Lange; Bonoli, Alessandra; Saari, Ulla A.; **Voronova, Viktoria**; **Klõga, Marija** The science of the total environment 2021 / art. 142732, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2020.142732> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Optimisation of the economic, environmental and administrative efficiency of the municipal waste management model in rural areas

Põldnurk, Jana Resources, conservation and recycling 2015 / p. 55-65 : ill <https://doi.org/10.1016/j.resconrec.2015.02.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ozonation of aqueous phenol catalyzed by biochar produced from sludge obtained in the treatment of coking wastewater

Zhang, Fengzhen; Wu, Kaiyi; Zhou, Hongtao; Hu, Yun; **Preis, Sergei**; Wu, Haizhen; Wei, Chaohai Journal of environmental management 2018 / p. 376-386 : ill <https://doi.org/10.1016/j.jenvman.2018.07.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous N-nitrosodiethylamine: experimental comparison of pulsed corona discharge with H2O2-assisted ozonation

Kask, Maarja; **Kritševskaja, Marina**; **Preis, Sergei**; **Bolobajev, Juri** Journal of environmental chemical engineering 2021 / art. 105102 <https://doi.org/10.1016/j.jece.2021.105102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Oxidative degradation of levofloxacin in aqueous solution by S2O8²⁻/Fe²⁺, S2O8²⁻/H2O2 and S2O8²⁻/OH⁻ processes : a comparative study

Epold, Irina; **Dulova, Niina** Journal of environmental chemical engineering 2015 / p. 1207-1214 : ill

<https://doi.org/10.1016%2Fj.jece.2015.04.019> [Journal metrics at Scopus](#) [Article at Scopus](#)

Paper microzones as a route to greener analytical chemistry

Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2019 / p. 15-18 <https://doi.org/10.1016/j.cogsc.2019.03.002>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pb-210 and fly ash particles in ombrotrophic peat bogs as indicators of industrial emissions

Vaasma, Taavi; Karu, Helen; Kiisk, Madis; **Alliksaar, Tiit** Journal of environmental radioactivity 2017 / p. 78-86 : ill

Persistency of debris accumulation in tidal estuaries using Lagrangian coherent structures

Ghosh, Anusmriti; Suara, Kabir Adewale; McCue, Scott W.; Yu, Yingying; **Soomere, Tarmo**; Brown, Richard J. The science of the total environment 2021 / art. 146808, 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.146808> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin invarious water matrices

Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina Environmental technology 2020 / p. 202-210 : ill <https://doi.org/10.1080/09593330.2018.1493149> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photocatalytic decomposition of humic acids in anoxic aqueous solutions producing hydrogen, oxygen and light hydrocarbons

Klauson, Deniss; Budarnaja, Olga; Castellanos Beltran, Ignacio; **Kritševskaja, Marina; Preis, Sergei** Environmental technology 2014 / p. 2237-2243 : ill <https://doi.org/10.1080/09593330.2014.900116> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

Balpreet Kaur; Kuntus, Liina; Tikker, Priit; Kattel, Eneliis; Trapido, Marina; Dulova, Niina Science of the total environment 2019 / p. 165–175 : ill <https://doi.org/10.1016/j.scitotenv.2019.04.277> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Physicochemical pre- and post-treatment of coking wastewater combined for energy recovery and reduced environmental risk

Li, Zemin; Wei, Tuo; Pan, Jiamin; Liang, Yitong; Ban, Zixin; Ke, Xiong; Kong, Qiaoping; Qiu, Guanglei; Hu, Yun; **Preis, Sergei**; Wei, Chaochai Journal of hazardous materials 2023 / art. 130802, 10 p. : ill <https://doi.org/10.1016/j.jhazmat.2023.130802> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Potential of electric discharge plasma methods in abatement of volatile organic compounds originating from food industry

Preis, Sergei; Klauson, Deniss; Gregor, Andre Journal of environmental management 2013 / p. 125-138 <https://doi.org/10.1016/j.jenvman.2012.10.042> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Prediction of total product composition from pyrolysis and gasification of lignocellulosic biomass : a model for reactor design and optimization

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar**; Sarker, Shiplu European biomass conference and exhibition proceedings 2023 / p. 959-965 <http://www.etaflorence.it/proceedings/> <https://doi.org/10.5071/31stEUBCE2023-5BV.10.5> Conference proceedings at Scopus Article at Scopus

A quanta-independent approach for the assessment of strategies to reduce the risk of airborne infection

Aganovic, Amar; **Kurnitski, Jarek**; Wargocki, Pawel Science of the total environment 2024 / art. 172278 <https://doi.org/10.1016/j.scitotenv.2024.172278> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Radionuclide concentration variations in the fuel and residues of oil shale-fired power plants : estimations of the radiological characteristics over a 2-year period

Vaasma, Taavi; **Loosaar, Jüri**; Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 25-33 : ill <https://doi.org/10.1016/j.jenvrad.2016.10.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Re-addressing the biosafety issues of plant growth promoting rhizobacteria

Keswani, Chetan; Prakash, Om; Bharti, Nidhi; Vilchez, Juan I.; Sansinenea, Estibaliz; Lally, Richard D.; Borriss, Rainer; Singh, Surya P.; **Gupta, Vijai Kumar**; Fraceto, Leonardo F. Science of the total environment 2019 / p. 841-852 : ill <https://doi.org/10.1016/j.scitotenv.2019.07.046> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Regeneration of filter materials contaminated by naturally occurring radioactive compounds in drinking water treatment plant

Goi, Anna; Nilb, Nele; Suursoo, Siiri; Putk, Kaisa; Kiisk, Madis; **Bolobajev, Juri** Journal of water process engineering 2019 / 100464, p. 1-10 : ill <https://doi.org/10.1016/j.jwpe.2017.08.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Removal of phosphonates from synthetic and industrial wastewater with reusable magnetic adsorbent particles

Rott, Eduard; Nouri, Mohammad; Meyer, Carsten; Minke, Ralf; Schneider, Michael; Mandel, Karl; **Ivanova Drenkova-Tuhtan, Asya** Water research 2018 / p. 608-617 <https://doi.org/10.1016/j.watres.2018.08.067> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reverse osmosis and nanofiltration of biologically treated leachate

Kuusik, Aare; Pachel, Karin; Kuusik, Argo; Loigu, Enn; Tang, Walter Zhonghong Environmental technology 2014 / p. 2416-2426 :

Selection of optimum biological treatment for coking wastewater using analytic hierarchy process

Wei, Cong; Wei, Jingyue; Kong, Qiaoping; Fan, Dan; Qiu, Guanglei; Feng, Chunhua; Li, Fusheng; **Preis, Sergei** The science of the total environment 2020 / art. 140400 ; 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2020.140400> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Shipborne nutrient dynamics and impact on the eutrophication in the Baltic Sea

Raudsepp, Urmas; Maljutenko, Ilja; Kõuts, Mariliis; Granthag, Lena Science of the total environment 2019 / p. 189-207 : ill <https://doi.org/10.1016/j.scitotenv.2019.03.264> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Soil microbial biomass : a key soil driver in management of ecosystem functioning

Singh, Jay Shankar; **Gupta, Vijay Kumar** Science of the total environment 2018 / p. 497-500 : ill <https://doi.org/10.1016/j.scitotenv.2018.03.373> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solubilization of polycyclic aromatic hydrocarbons (PAHs) with phenol in coking wastewater treatment system: Interaction and engineering significance

Kong, Qiaoping; Wu, Haizhen; Liu, Lei; **Preis, Sergei** Science of the total environment 2018 / p. 467-473 : ill <https://doi.org/10.1016/j.scitotenv.2018.02.077> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sonolytic degradation of pesticide metazachlor in water : The role of dissolved oxygen and ferric sludge in the process intensification

Kask, Maarja; Kriševskaja, Marina; Bolobajev, Juri Journal of environmental chemical engineering 2019 / art. 103095, 7 p. : ill <https://doi.org/10.1016/j.jece.2019.103095> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Start-up of low-temperature anammox in UASB from mesophilic yeast factory anaerobic tank inoculum

Zekker, Ivar; Rikmann, Ergo; **Seiman, Andrus; Loorits, Liis** Environmental technology 2015 / p. 214-225 : ill <https://doi.org/10.1080/09593330.2014.941946> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Step-wise temperature decreasing cultivates a biofilm with high nitrogen removal rates at 9°C in short-term anammox biofilm tests

Zekker, Ivar; Rikmann, Ergo; Mandel, Anni; Kroon, Kristel; **Seiman, Andrus;** Mikhelson, Jana; Tenno, Taavo; Tenno, Toomas Environmental technology 2016 / p. 1933 - 1946 <https://doi.org/10.1080/09593330.2015.1135995> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Symbiotic virus-bacteria interactions in biological treatment of coking wastewater manipulating bacterial physiological activities

Zhu, Shuang; Tan, Zhijie; Guo, Ziyu; Zheng, Huijian; Zhang, Baoshan; Qin, Zhi; Xie, Junting; Lin, Yuexia; Sheng, Binbin; Qiu, Guanglei; **Preis, Sergei;** Wei, Chaohai Water research 2024 / art. 121741 <https://doi.org/10.1016/j.watres.2024.121741> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Temporal changes in radiological and chemical composition of Cambrian-Vendian groundwater in conditions of intensive water consumption

Suursoo, Siiri; **Hill, Liie; Raidla, Valle; Munter, Rein** Science of the total environment 2017 / p. 679-690 : ill <https://doi.org/10.1016/j.scitotenv.2017.05.136> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The enrichment behavior of natural radionuclides in pulverized oil shale-fired power plants

Vaasma, Taavi; Kiisk, Madis; **Meriste, Tõnis;** Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 427-433 : ill <https://doi.org/10.1016/j.jenvrad.2014.02.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The enrichment of natural radionuclides in oil shale-fired power plants in Estonia - The impact of new circulating fluidized bed technology

Vaasma, Taavi; Kiisk, Madis; **Meriste, Tõnis;** Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 133-139 : ill <https://doi.org/10.1016/j.jenvrad.2014.01.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The indoor climate and energy consumption of educational buildings

Kõiv, Teet-Andrus; Mikola, Alo; Karro, Ulli-Kaisa WSEAS transactions on environment and development 2014 / p. 366-373 : ill <https://www.wseas.org/multimedia/journals/environment/2014/a205715-204.pdf> Journal metrics at Scopus Article at Scopus

The role of cross-border power transmission in a renewable-rich power system - A model analysis for Northwestern Europe

Chen, Yi-Kuang; **Koduvere, Hardi;** Gunkel, Philipp A. Journal of environmental management 2020 / art. 110194, 8 p. : ill <https://doi.org/10.1016/j.jenvman.2020.110194> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tool for the assessment and prediction of animal by-product resources

Sannik, Urmas; **Pitk, Peep;** Lepasalu, Lembit; Poikalainen, Väino Waste and Biomass Valorization 2016 / p. 397 - 404

<https://doi.org/10.1007/s12649-015-9447-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Treatment of high-strength wastewater by Fe²⁺-activated persulphate and hydrogen peroxide

Kattel, Eneliis; Dulova, Niina; Viisimaa, Marika; Tenno, Taavo; Trapido, Marina Environmental technology 2016 / p. 352-359 : ill
<https://doi.org/10.1080/09593330.2015.1069899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tsunami runup in narrow bays : the case of Samoa 2009 tsunami

Didenkulova, Irina Natural hazards 2013 / p. 1629-1636 : ill <https://doi.org/10.1007/s11069-012-0435-7> [Journal metrics at Scopus](#)
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Two-Stage Self-Healing Restoration Strategy Considering Operating Performance

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