

Aerated concrete microwave reflection and transmission properties in a wet environment

Koppel, Tarmo; Vilcane, Inese; Mironovs, Viktors; Shishkin, Andrei; Rubene, Sanita; **Tint, Piia** Vide. Tehnologija. Resursi : XI starptautiskas zinatniski praktiskas konferences materiali 2017. gada 15.-17. junijs. 3. sejums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference. Volume III 2017 / p. 145-149 : ill
<https://doi.org/10.17770/etr2017vol3.2619>

Environmental impact of oil shale mining

Väizene, Vivika; Valgma, Ingo; **Karu, Veiko**; Orru, Mall Environmental earth sciences 2016 / art. 1201, p. 1-14 : ill
<https://doi.org/10.1007/s12665-016-5996-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

HPLC study of dissolved organic matter dynamics and water quality in River Vääna, Estonia

Lepane, Viia; **Suursööt, Kristel** [IHSS 18 - 18th International Conference of International Humic Substances Society : Kanazawa City, Ishikawa, Japan, September 11 - 16, 2016 : book of abstracts] 2016 / [2] p

Hydromorphological classification using synchronous pressure and inertial sensing

Ristolainen, Asko; **Kalev, Kaia**; **Tuhtan, Jeffrey Andrew**; **Kuusik, Alar**; **Kruusmaa, Maarja** IEEE transactions on geoscience and remote sensing 2018 / p. 3222-3232 : ill <https://doi.org/10.1109/TGRS.2018.2795641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC

Lepane, Viia; **Väli, Anna-Liisa**; **Suursööt, Kristel** The 17th Meeting of the International Humic Substances Society : book of abstracts : Ioannina, Greece 1-5 September 2014 2014 / p. 34-35 : ill

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC-SEC and UV-vis spectroscopy

Lepane, Viia; **Depret, Laura**; **Väli, Anna-Liisa**; **Suursööt, Kristel** Chemical and Biological Technologies in Agriculture 2015 / p. 1-7 : ill <https://doi.org/10.1186/s40538-015-0040-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Metal mining's environmental pressures: a review and updated estimates on CO2 emissions, water use, and land requirements

Hitch, Michael William; Tost, Michael; Bayer, Benjamin Sustainability 2018 / art. 2881 ; 14 p. : tab <https://doi.org/10.3390/su10082881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of water quality problems in Estonia with the focus on drained peat areas as a source of nitrogen

Vassiljev, Anatoli; Blinova, Irina Understanding Freshwater Quality Problems in a Changing World : [proceedings] 2013 / p. 69-76 : ill

Road condition estimation using deep learning with hyperspectral images : detection of water and snow

Valme, Daniil; **Galindos, Javier**; **Chamara Liyanage, Dhanushka**; **Chamara Liyanage, Dhanushka** Proceedings of the Estonian Academy of Sciences 2024 / p. 77-91 <https://doi.org/10.3176/proc.2024.1.09>

Simulations of graphene nanoribbon field effect transistor for the detection of propane and butane gases : a first principles study

Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas** Nanomaterials 2020 / art. 98 <https://doi.org/10.3390/nano10010098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Snow microwave reflection at mobile phone frequency bands

Koppel, Tarmo; Vilcane, Inese; **Tint, Piia**; Shishkin, Andrei Vide. Tehnologija. Resursi : XI starptautiskas zinatniski praktiskas konferences materiali 2017. gada 15.-17. junijs. 1. sejums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference, June 15-17, 2017. Volume I 2017 / p. 156-160 : ill
<http://dx.doi.org/10.17770/etr2017vol1.2608>

The effect of water and zinc loading on LPG catalytic cracking for light olefin production using Response Surface Methodology

Barghi, Bijan; **Niidu, Allan**; Karimzadeh, Ramin Proceedings of the Estonian Academy of Sciences 2021 / p. 135-147 : ill
<https://doi.org/10.3176/proc.2021.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Underwater bioinspired sensing: New opportunities to improve environmental monitoring

Tuhtan, Jeffrey Andrew; **Nag, Saptarshi**; **Kruusmaa, Maarja** IEEE instrumentation & measurement magazine 2020 / p. 30-36
<https://doi.org/10.1109/MIM.2020.9062685> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wearable technologies for monitoring aquatic exercises : a systematic review

Monoli, Cecilia; **Tuhtan, Jeffrey Andrew**; Piccinini, Luigi; Galli, Manuela Clinical Rehabilitation 2023 / p. 791-807
<https://doi.org/10.1177/02692155221141039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)