

Academies of sciences in the contemporary world

Engelbrecht, Jüri; Šlaus, Ivo Trames 2022 / p. 131-139 <https://doi.org/10.3176/tr.2022.2.01>

ADCS development for student CubeSat satellites - TalTech case study

Rassõlkin, Anton; Vaimann, Toomas; Org, Peeter; Leibak, Alar; Gordon, Rauno; Priidel, Eiko Proceedings of the Estonian Academy of Sciences 2021 / p. 268-285 : ill <https://doi.org/10.3176/proc.2021.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices

Kidakova, Anna; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill <https://doi.org/10.3176/proc.2019.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Mahmood, Kashif; Otto, Tauno; Kuts, Vladimir Proceedings of the Estonian Academy of Sciences 2021 / p. 374-382 : ill <https://doi.org/10.3176/proc.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregate production from burnt oil shale and CO₂ - an Estonian perspective

Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Uibu, Mai Oil Shale 2019 / p. 431-447 : ill <https://doi.org/10.3176/oil.2019.3.05> http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aliphatic dicarboxylic acids from oil shale organic matter - historic review

Veski, Rein; Veski, Siim Oil shale 2019 / p. 76-95 : phot <https://doi.org/10.3176/oil.2019.1.06> http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An exact solution of truss vibration problems

Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263 : ill <https://doi.org/10.3176/proc.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of possible faults and diagnostic methods of the Cartesian industrial robot

Autsou, Siarhei; Rassõlkin, Anton; Vaimann, Toomas; Kudelina, Karolina Proceedings of the Estonian Academy of Sciences 2022 / p. 227-24 : ill <https://doi.org/10.3176/proc.2022.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Pihl, Olga; Tšepelevitš, Maria; Burko, Maria; Siirde, Andres Oil shale 2019 / p. 250–256 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf <https://doi.org/10.3176/oil.2019.2S.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autonomous mobile robots for production logistics: a process optimization model modification

Raamets, Tõnis; Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar Proceedings of the Estonian Academy of Sciences 2024 / p. 134-141 : ill <https://doi.org/10.3176/proc.2024.2.06>

Autonomous vehicle safety evaluation through a high-fidelity simulation approach

Malayjerdi, Mohsen; Baykara, Baris Cem; Sell, Raivo; Malayjerdi, Ehsan Proceedings of the Estonian Academy of Sciences 2021 / p. 413-421 : ill <https://doi.org/10.3176/proc.2021.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Kaljo, Dimitri; Martma, Tõnu; Märss, Tiit; Nestor, Viit-Kai; Viira, Viive Estonian journal of earth sciences 2022 / p. 44-60 : ill <https://doi.org/10.3176/earth.2022.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin

Kamboj, Nikhil Kumar; Rodriguez, Miguel Angel; Rahmani Ahranjani, Ramin; Prashanth, Konda Gokuldoss; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2019 / p. 185–190 : ill <https://doi.org/10.3176/proc.2019.2.10> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-185-190.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Book of primeval nature

Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 375-377: ill

Boundary between the Porkuni and Juuru regional stages in the Neitla section, Estonia

Männik, Peep; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 66-69 : ill <https://doi.org/10.3176/earth.2023.52>

Cable structures : design and static analysis

Kulbach, Valdek 2007 http://www.ester.ee/record=b2257011*est

Calculation analysis of shale oil and power cogeneration

Lausmaa, Toomas; Ots, Arvo; Poobus, Arvi; Dedov, Andrei Oil shale 2019 / p. 19-31 : ill <https://doi.org/10.3176/oil.2019.1.02>
http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-19-31.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cambrian

Mens, Kaisa; Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 39-51: ill

Catalonia, Spain and the European Union : a quest for legitimacy

Ramiro Troitino, David; Kerikmäe, Tanel Trames 2021 / p. 3-18 <https://doi.org/10.3176/tr.2021.1.01> https://kirj.ee/wp-content/plugins/kirj/pub/Trames-1-2021-3-18_20210222144039.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in heavy metal concentrations in the sediments of the Gulf of Finland over two decades

Vallius, Henry; Alliksaar, Tiit; Suuroja, Sten Estonian journal of earth sciences 2022 / p. 177-188 : ill
<https://doi.org/10.3176/earth.2022.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in shelf phosphorus burial during the Hirnantian glaciation and its implications

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; Männik, Peep; Sun, Yadong Estonian journal of earth sciences 2023 / p. 151
<https://doi.org/10.3176/earth.2023.19>

Characteristics of oil shales and shale-like rocks of known deposits and outcrops : monograph

Urov, Kaarli; Sumberg, A. 1999 https://www.ester.ee/record=b3232042*est

Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions

Lees, Heidi; Jõul, Piia; Pikkor, Heliis; Järvik, Oliver; Mets, Birgit; Konist, Alar Oil shale 2023 / p. 115-132 : ill
<https://doi.org/10.3176/oil.2023.2.02>

Chemistry of the isocyanides and their multicomponent reactions, including their libraries - the initiatives of Ivar Ugi

Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / p. 98-102
https://www.ester.ee/record=b1072099*est

Chitinozoan nomenclature and databases

Camina, Sonia; Hints, Olle; Butcher, Anthony Estonian journal of earth sciences 2023 / p. 123 <https://doi.org/10.3176/earth.2023.21>

Clay

Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 360-364: ill

Co-combustion of coal and oil shale blends in circulating fluidized bed boilers

Konist, Alar; Pikkor, Heliis; Nešumajev, Dmitri; Loo, Lauri; Järvik, Oliver; Siirde, Andres; Pihu, Tõnu Oil shale 2019 / p. 114–127 : ill <https://doi.org/10.3176/oil.2019.2S.03> http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-114-127.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative analysis of Fuzzy AHP and Fuzzy VIKOR methods for prioritization of the risk criteria of an autonomous vehicle system

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2024 / p. 116-123
<https://doi.org/10.3176/proc.2024.2.04>

Comparison of multifractal parameters of surface defects and non-defects

Martsepp, Merike; Laas, Tõnu; Tõkke, Siim; Priimets, Jaanis; Mikli, Valdek Proceedings of the Estonian Academy of Sciences 2023 / p. 115-127 : ill <https://doi.org/10.3176/proc.2023.2.03>

Composition of gas from pyrolysis of Estonian oil shale with various sweep gases

Mozaffari, Sepehr; Järvik, Oliver; Baird, Zachariah Steven Oil shale 2021 / p. 215-227 : ill <https://doi.org/10.3176/oil.2021.3.03>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The composition of kukersite shale oil

Baird, Zachariah Steven; Oja, Vahur; Järvik, Oliver Oil shale 2023 / p. 25-43 : ill <https://doi.org/10.3176/oil.2023.1.01>
https://artiklid.elnet.ee/record=b2903562*est

Concept study of sustainable noise control solution for HVAC systems based on microperforated elements
Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri Proceedings of the Estonian Academy of Sciences 2021 / p. 461-469 : ill
<https://doi.org/10.3176/proc.2021.4.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Criteria for modelling wave phenomena in complex systems : the case of signals in nerves
Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2019 / p. 276-283 : ill
<https://doi.org/10.3176/proc.2019.3.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-276-283.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current status of co-pyrolysis of oil shale and biomass
Ceron, Alejandro Lyons; Konist, Alar; Lees, Heidi; Järvik, Oliver Oil shale 2021 / p. 228-263 : tab
<https://doi.org/10.3176/oil.2021.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cystoblastus and the origin of the Hemicosmitoida (Echinodermata: Blastozoa)
Paul, Christopher R. C.; Toom, Ursula Estonian journal of earth sciences 2021 / p. 165-181 : ill <https://doi.org/10.3176/earth.2021.13>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting overlapping community structure : Estonian network of payments
Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2019 / p. 79-88 : ill <https://doi.org/10.3176/proc.2019.1.08> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of cyber-physical production systems based on modelling technologies
Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Proceedings of the Estonian Academy of Sciences 2019 / p. 348-355 : ill http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.02> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of faunal diversity during the late Llandovery-early Wenlock in the easternmost part of the Baltic Palaeobasin - implications for the Ireviken Event
Hints, Linda; Pärnaste, Helje; Männik, Peep; Reich, Mike; Rozhnov, Sergey Estonian journal of earth sciences 2022 / p. 89-110 : ill
<https://doi.org/10.3176/earth.2022.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A diverse Hirnantian scolecodont assemblage from northern Estonia and resilience of polychaetes to the end-Ordovician mass extinction
Hints, Olle; Tonarova, Petra Estonian journal of earth sciences 2023 / p. 46-49 : ill <https://doi.org/10.3176/earth.2023.20>

Diversity and spatial turnover of bryozoan assemblages in the reefs of the Vasalemma Formation (Late Ordovician), Estonia
Köger, Björn; Ernst, Andrej; Penny, Amelia; Nakrem, Hans Arne; Toom, Ursula Estonian journal of earth sciences 2023 / p. 137
<https://doi.org/10.3176/earth.2023.47>

Dolocretes in the uppermost Famennian to Mississippian siliciclastic deposits (Šķervelis Formation, Latvia)
Pipira, Daiga; Keipane, Lauma; Stinkulis, Girts; Vircava, Ilze; Martma, Tõnu Estonian journal of earth sciences 2023 / p. 211-225
<https://doi.org/10.3176/earth.2023.86>

Dynamics of flight of the fragments with higher order Haar wavelet method
Kivistik, Lenart; Mehrparvar, Marmar; Eerme, Martin; Majak, J Proceedings of the Estonian Academy of Sciences 2024 / p. 108-115 <https://doi.org/10.3176/proc.2024.2.02>

Early and early Middle Ordovician chitinozoans from the Baldone drill core, central Latvia
Nõlvak, Jaak; Liang, Yan; Hints, Olle Estonian journal of earth sciences 2022 / p. 25-43 : ill <https://doi.org/10.3176/earth.2022.03>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early diagenetic transformation stages revealed by micro-analytical studies of shelly phosphorites, Rakvere region
Graul, Sophie Jane Marie-Pascale Huguette; Kallaste, Toivo; Moilanen, Marko; Ndiaye, Mawo; Hints, Rutt Estonian journal of earth sciences 2023 / p. 34-37 : ill <https://doi.org/10.3176/earth.2023.12>

Emotional coping of nursing students during mental health nursing simulation training
Annion, Marianne; Ojasoo, Merle; Ernits, Ülle; Puusepp, Kristi Proceedings of the Estonian Academy of Sciences 2023 / p. 212-219
<https://doi.org/10.3176/proc.2023.3.03>

Endolymphatic structures in headshields of the osteostracan genus Tremataspis (Agnatha) from the Silurian of Estonia
Märss, Tiit; Wilson, Mark V.H.; Viljus, Mart Estonian journal of earth sciences 2022 / p. 135-156 : ill
<https://doi.org/10.3176/earth.2022.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy crisis and the oil shale industry

Raukas, Anto Estonia. Geographical studies. 11 : on the occasion of the 32nd International Geographical Congress / Estonian Geographical Society 2012 / p. 48-59 : ill

Energy efficiency profiles for unmanned ground vehicles

Väljaots, Eero; Sell, Raivo Proceedings of the Estonian Academy of Sciences 2019 / p. 55–65 : ill

<https://doi.org/10.3176/proc.2019.1.04> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-55-65.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum : Geochemistry, mineral chemistry and pressure-temperature conditions of the Jõhvi magnetite quartzites and magnetite-rich gneisses, NE Estonia

Soesoo, Alvar; Nirgi, Siim; Urtson, Kristjan; Voolma, Margus Estonian journal of earth sciences 2021 / p. 182-183 https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-Table7-earth-3-2021_20210818083054.pdf <https://doi.org/10.3176/earth.2021.05>

Erratum : Linearization of discrete-time control system by state transformation

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2021 / p. 307 <https://doi.org/10.3176/proc.2021.1.09> https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-proc-3-2021-307_20210822154030.pdf

Estonia. Geographical studies. 11 : on the occasion of the 32nd International Geographical Congress / Estonian Geographical Society

2012 https://www.ester.ee/record=b1413918*est

Estonian e-residency and conceptions of platform-based state-individual relationship

Tammpuu, Piia; Masso, Anu; Ibrahimi, Mergime; Abaku, Tamunonengiyeofori Trames 2022 / p. 3-21

<https://doi.org/10.3176/tr.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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2022 https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2023 https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2018 <http://www.kirj.ee/10396/> https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2010 https://www.ester.ee/record=b2246661*est

Experimental evaluation and numerical modelling of the quality of photovoltaic modules

Tšukrejev, Pavel; Karjust, Kristo; Majak, Jüri Proceedings of the Estonian Academy of Sciences 2021 / p. 477-483 : ill

<https://doi.org/10.3176/proc.2021.4.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental study of eddy viscosity for breaking waves on sloping bottom and comparisons with empirical and numerical predictions

Oldekop, Nelly; Liiv, Toomas; **Laanearu, Janek** Proceedings of the Estonian Academy of Sciences 2019 / p. 299–312 : ill

<https://doi.org/10.3176/proc.2019.3.07> http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-299-312.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors influencing participation in shared decision making in the oncological setting

Aasmäe, Birgit; Lubi, Kadi Proceedings of the Estonian Academy of Sciences 2023 / p. 196-205

<https://doi.org/10.3176/proc.2023.3.02>

Feedback linearization of discrete-time nonlinear control systems : computational aspects

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2020 / p. 11-26 <https://doi.org/10.3176/proc.2020.1.03>

http://kirj.ee/32996/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire frequency during the Holocene in central Latvia, northeastern Europe

Steinberga, Dace; Stivrins, Normunds Estonian journal of earth sciences 2021 / p. 127-139 : ill <https://doi.org/10.3176/earth.2021.09>

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

Foreword

Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2021 / p. 373 <https://doi.org/10.3176/proc.2021.4.01>

Foreword

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2022 / p. 1-2 : portr <https://doi.org/10.3176/proc.2022.1.04>

Formation of aeolian landscapes in Estonia

Ratas, Urve; **Raukas, Anto**; Rivis, Reimo; **Tavast, Elvi**; Vilumaa, Kadri; Anderson, Agnes Estonia. Geographical studies. 11 : on the occasion of the 32nd International Geographical Congress / Estonian Geographical Society 2012 / p. 95-111 : ill

Free vibration analysis of tapered Timoshenko beam with higher order Haar wavelet method

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo; Arda, Mustafa Proceedings of the Estonian Academy of Sciences 2022 / p. 77-83 : ill <https://doi.org/10.3176/proc.2022.1.07> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires

Pihl, Olga; Niidu, Allan; Merkulova, Nadežda; Fomitšov, Mihhail; Siirde, Andres; Tšepelevitš, Maria Oil shale 2019 / p. 188–196 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemistry, mineral chemistry and pressure-temperature conditions of the Jõhvi magnetite quartzites and magnetite-rich gneisses, NE Estonia

Soesoo, Alvar; Nirgi, Siim; **Urtson, Kristjan**; Voolma, Margus Estonian journal of earth sciences 2021 / p. 71-93 : ill <https://doi.org/10.3176/earth.2021.05> https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-Table7-earth-3-2021_20210818083054.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrological conditions in the salmon rivers

Vassiljev, Anatoli Present and potential production of salmon in Estonian rivers 2001 / p. 11-14 : ill

Ichnogenus Trypanites in the Ordovician of Estonia (Baltica)

Toom, Ursula; Kuva, Jukka; Knaust, Dirk Estonian journal of earth sciences 2023 / p. 106-109 : ill <https://doi.org/10.3176/earth.2023.48>

Impact of changes in sea ice cover on the wave climate of semi-enclosed, seasonally ice-covered water bodies at temperate latitudes: a case study in the Gulf of Riga

Najafzadeh, Fatemeh; Soomere, Tarmo Estonian journal of earth sciences 2024 / p. 26-36 <https://doi.org/10.3176/earth.2024.03>

Impact of laser fading on physico-mechanical properties and fibre morphology of multicomponent denim fabrics

Mandre, Nele; Plamus, Tiia; Linder, Angelika; Krumme, Andres; Rohumaa, Anti Proceedings of the Estonian Academy of Sciences 2023 / p. 145-153 <https://doi.org/10.3176/proc.2023.2.05>

Implementation of a knowledge-based manufacturing on the example of Sumar Tools OÜ

Kruuser, Kaarel; Riives, Jüri; Tšukrejev, Pavel; Kiolein, Indrek Proceedings of the Estonian Academy of Sciences 2019 / p. 407-412 : ill http://www.kirj.ee/32741/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implementation of person-centredness under structural constraints: a case of HPV vaccination

Lubi, Kadi; Varsamaa, Merilin; Kala, Liis; Torop, Agnessa; Sildver, Kaire; Rooden, Mare Proceedings of the Estonian Academy of Sciences 2023 / p. 303-312 <https://doi.org/10.3176/proc.2023.3.12>

In memoriam Ülo Lille 1931-2023

Lopp, Margus Oil shale 2023 / p. 87-88 : photo <https://doi.org/10.3176/oil.2023.1.05> https://artiklid.elnet.ee/record=b2903605*est

Innovative methods of engineering education popularization at schools

Ševtšenko, Eduard; Karaulova, Tatjana; Igavens, Maris; Strods, Gunars; **Mahmood, Kashif** Proceedings of the Estonian Academy of Sciences 2019 / p. 356-363 : ill http://www.kirj.ee/32591/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In-situ alloying of TiC-FeCr cermets in manganese vapour

Kolnes, Märt; Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Viljus, Mart Proceedings of the Estonian Academy of Sciences 2021 / p. 533-539 : ill <https://doi.org/10.3176/proc.2021.4.22> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integration of autonomous vehicles and Industry 4.0

Sell, Raivo; Rassõlkin, Anton; Wang, Ruxin; Otto, Tauno Proceedings of the Estonian Academy of Sciences 2019 / p. 389–394 : ill <https://doi.org/10.3176/proc.2019.4.07> http://www.kirj.ee/32705/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse problem to identify a space-dependent diffusivity coefficient in a generalized subdiffusion equation from final data

Janno, Jaan; Kasemets, Kairi; Kinash, Nataliia Proceedings of the Estonian Academy of Sciences 2022 / p. 3-15 <https://doi.org/10.3176/proc.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late Ordovician jawed polychaete fauna from the Spiti Valley, northern India

Tonarova, Petra; Suttner, Thomas J.; Kubjako, Michal; **Hints, Olle** Estonian journal of earth sciences 2023 / p. 160
<https://doi.org/10.3176/earth.2023.74>

Late Pleistocene and Holocene groundwater flow history in the Baltic Artesian Basin : a synthesis of numerical models and hydrogeochemical data

Vaikmäe, Rein; Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu Estonian journal of earth sciences 2021 / p. 152-164 : ill <https://doi.org/10.3176/earth.2021.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest Ordovician age of the Spinachitina fragilis Chitinozoan Biozone in Baltoscandia

Nõlvak, Jaak; Liang, Yan; **Hints, Olle** Estonian journal of earth sciences 2023 / p. 82-85 : ill <https://doi.org/10.3176/earth.2023.51>

Latest Sandbian brachiopods and chitinozoan biostratigraphy in North Estonia

Hints, Linda; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 42-45 : ill <https://doi.org/10.3176/earth.2023.50>

Leevi Mölder 90

Siirde, Andres Oil shale 2024 / p. 71-73 : portr <https://doi.org/10.3176/oil.2024.1.04> https://artiklid.elnet.ee/record=b2909523*est

Level 4 commercial autonomous vehicle control system transition to an open-source solution

Pikner, Heiko; Sell, Raivo; Malayjerdi, Ehsan Proceedings of the Estonian Academy of Sciences 2024 / p. 124-133
<https://doi.org/10.3176/proc.2024.2.05>

Low-temperature supercritical conversion of Kukersite oil shale

Fomitšov, Mihhail Oil shale 2019 / p. 171–178 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-171-178.pdf
<https://doi.org/10.3176/oil.2019.2S.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The manifestation of social representation theory and social capital in a gentrified neighbourhood in a post-socialist country, Estonia

Nutt, Nele; Kotval, Zenia; Mets, Kadri; Salmistu, Sirle Trames 2021 / p. 151-171 : phot <https://doi.org/10.3176/tr.2021.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical and tribological properties of 100-nm thick alumina films prepared by atomic layer deposition on Si(100) substrates

Alamgir, Asad; Bogatov, Andrei; Yashin, Maxim; Podgurski, Vitali Proceedings of the Estonian Academy of Sciences 2019 / p. 126-130 : ill <https://doi.org/10.3176/proc.2019.2.01> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-126-130.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Men's perceptions of the supportive use of health communication tools during the ante- und postnatal period

Trei, Hanna-Maria; Lubi, Kadi; Haage, Barbara Proceedings of the Estonian Academy of Sciences 2023 / p. 259-266
<https://doi.org/10.3176/proc.2023.3.08>

Metabolism of copper and possibilities for its regulation

Palumaa, Peep Proceedings of the Estonian Academy of Sciences 2023 / p. 382-392 <https://doi.org/10.3176/proc.2023.4.03>

Metal enrichment in lithologically complex black shales : a case study from the Tremadocian of NE Estonia

Hints, Rutt; Pajusaar, Siim; Urtson, Kristjan; Liiv, Merlin; Kallaste, Toivo Estonian journal of earth sciences 2021 / p. 36–50 : ill <https://doi.org/10.3176/earth.2021.04> https://kirj.ee/wp-content/plugins/kirj/pub/earth-1-2021-36-50_20210128130612.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Migration obstacles

Velner, Harald-Adam Present and potential production of salmon in Estonian rivers 2001 / p. 14-15

Modelling of impact-abrasive wear of ceramic, metallic, and composite materials

Rahmani Ahranjani, Ramin; Antonov, Maksim; Kamboj, Nikhil Kumar Proceedings of the Estonian Academy of Sciences 2019 / p. 191–197 : ill <https://doi.org/10.3176/proc.2019.2.11> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-191-197.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modern robot-integrated manufacturing cell according to the needs of Industry 4.0

Moor, Madis; Vaher, Kristo; Riives, Jüri; Kangro, Tavo; **Otto, Tauno** Proceedings of the Estonian Academy of Sciences 2021 / p. 407-412 : ill <https://doi.org/10.3176/proc.2021.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modified transfer matrix method for steady-state forced vibration : a system of beam elements

Lahe, Andres Proceedings of the Estonian Academy of Sciences 2020 / p. 235-256 : ill <https://doi.org/10.3176/proc.2020.3.07> https://kirj.ee/wp-content/plugins/kirj/pub/proc-2020-3-235-256_20200717112033.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modular smart control system architecture for the mobile robot platform

Sell, Raivo; Väljaots, Eero; Patariaia, Tengiz; Malayjerdi, Ehsan Proceedings of the Estonian Academy of Sciences 2019 / p. 395-400 : ill http://www.kirj.ee/32713/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-layer cyber-physical control method for mobile robot safety systems

Pikner, Heiko; Sell, Raivo; Majak, Jüri; Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2021 / p. 383-391 : ill <https://doi.org/10.3176/proc.2021.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neotypes for some upper Silurian acanthodian taxa from the Baltic Sea Region and the Welsh Borderland

Burrow, Carole J.; **Märss, Tiit** Estonian journal of earth sciences 2022 / p. 17-24 <https://doi.org/10.3176/earth.2022.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and organic carbon isotope record in Tremadocian highly metalliferous black shales from Baltica

Ndiaye, Mawo; Liiv, Merlin; Kallaste, Toivo; Graul, Sophie Jane Marie-Pascale Huguette; Hints, Rutt Estonian journal of earth sciences 2023 / p. 78-81 : ill <https://doi.org/10.3176/earth.2023.25>

Non-pollen palynomorphs from 78 surface sediment samples reveal spatial distribution of phytoplankton in Latvian lakes and ponds

Stivriņš, Normunds Estonian journal of earth sciences 2023 / p. 226-235 <https://doi.org/10.3176/earth.2023.87>

A novel method for rapid assessment of the performance and complexity of small wastewater treatment plants

Kõrgmaa, Vallo; Tenno, Taavo; Pachel, Karin; lital, Arvo Proceedings of the Estonian Academy of Sciences 2019 / p. 32-42 : ill <https://doi.org/10.3176/proc.2019.1.03> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-32-42.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ocean acidification research in Estonia: challenges and opportunities

Pajusalu, Liina; Dupont, Sam; **Lainela, Silvie**; Martin, Georg Proceedings of the Estonian Academy of Sciences 2019 / p. 22-31 : ill <https://doi.org/10.3176/proc.2019.1.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-22-31.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil Shale

2001 http://www.ester.ee/record=b1072685*est

Oil shale

2002 https://www.ester.ee/record=b1072685*est

Oil shale

2008

Oil shale

2003

Oil Shale

1995 http://www.ester.ee/record=b1072685*est

On future directions of Ordovician chitinozoan research

Liang, Yan; **Hints, Olle; Nõlvak, Jaak**; Tang, Peng Estonian journal of earth sciences 2023 / p. 58-61 : ill <https://doi.org/10.3176/earth.2023.34>

On the properties of forward and backward shifts of vector fields

Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Mullari, Tanel; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2022 / p. 314-325 <https://doi.org/10.3176/proc.2022.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

One and a half centuries of sea and fisheries investigations in Estonia

Ojaveer, Evald; Rannak, Linda; Laevastu, Taivo 2000 https://www.ester.ee/record=b1464763*est

Optimization of enterprise analysis model for KPI selection

Kaganski, Sergei; Eerme, Martin; Tungal, Ernst Proceedings of the Estonian Academy of Sciences 2019 / p. 371-375 : ill http://www.kirj.ee/32654/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician climate changes in the northern subtropics : The $\delta^{18}\text{O}$ record from the Tunguska Basin, Siberia

Männik, Peep; Lehnert, Oliver; Joachimski, Michael M. Estonian journal of earth sciences 2023 / p. 144 <https://doi.org/10.3176/earth.2023.06>

Oxygen isotope compositions of conodonts – analytical challenges of in situ SIMS studies

Wudarska, Alicja; Wiedenbeck, Michael; **Hints, Olle; Männik, Peep; Lepland, Aivo**; Joachimski, Michael M.; Couffignal, Frederic; Scicchitano, Maria Rosa; Wilke, Franziska D. H. Estonian journal of earth sciences 2023 / p. 166 <https://doi.org/10.3176/earth.2023.39>

Parasite-induced shell damage in brachiopod *Porambonites (Porambonites) laticaudata* from the Late Ordovician (Sandbian) of Estonia

Vinn, Olev; De Baets, Kenneth; Isakar, Mare; **Toom, Ursula** Estonian journal of earth sciences 2023 / p. 110-113 : phot <https://doi.org/10.3176/earth.2023.23>

Performance of Al₂O₃-cBN materials and the perspective of using hyperspectral imaging during cutting tests

Antonov, Maksim; Zahavi, Ali; Kumar, Rahul, 1993-; Tamre, Mart; Klimczyk, Piotr Proceedings of the Estonian Academy of Sciences 2021 / p. 524-532 : ill <https://doi.org/10.3176/proc.2021.4.21> [Journal Metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollution sources and load on rivers

Blinova, Irina; Iital, Arvo Present and potential production of salmon in Estonian rivers 2001 / p. 15-21

Possible metazoan egg fossils from the Darriwilian (Middle Ordovician) of Baltoscandia

Hints, Olle; Nõlvak, Jaak; Liang, Yan Estonian journal of earth sciences 2021 / p. 240-252 : ill <https://doi.org/10.3176/earth.2021.16> [Journal metrics at Scopus](#) [Article at Scopus](#)

A potential route towards new methods for extracting value from shale oil side stream

Niidu, Allan Oil shale 2019 / p. 128–141 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf <https://doi.org/10.3176/oil.2019.2S.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential use of underground mine water in heat pumps

Karu, Veiko; Robam, Karin; Valgma, Ingo Estonia. Geographical studies. 11 : on the occasion of the 32nd International Geographical Congress / Estonian Geographical Society 2012 / p. 60-77 : ill

Preface

Engelbrecht, Jüri; Maugin, Gerard Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / p. 3-4 https://www.ester.ee/record=b1072098*est

Proceedings of the 14th International Symposium on the Ordovician System

2023 <https://kirj.ee/estonian-journal-of-earth-sciences/?v=a57b8491d1d8>

Proceedings of the Estonian Academy of Sciences

Special issue of Modern Materials and Manufacturing 2019

2019 <http://www.kirj.ee/32590/> https://www.ester.ee/record=b2355998*est

Proceedings of the Estonian Academy of Sciences. Chemistry

2001

Proceedings of the Estonian Academy of Sciences. Chemistry

1995 http://www.ester.ee/record=b1072099*est

Proceedings of the Estonian Academy of Sciences. Engineering = Eesti Teaduste Akadeemia toimetised. Tehnikateadused. Special issue on biomedical engineering

2004 http://www.ester.ee/record=b1072102*est

Proceedings of the Estonian Academy of Sciences. Physics. Mathematics = Eesti Teaduste Akadeemia toimetised. Füüsika. Matemaatika

1995 http://www.ester.ee/record=b1072098*est

Production monitoring system development for manufacturing processes of photovoltaic modules

Tšukrejev, Pavel; Kruuser, Kaarel; Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2019 / p. 401-406 : ill <https://doi.org/10.3176/proc.2019.4.09> http://www.kirj.ee/32721/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Production of metal–ceramic lattice structures by selective laser melting and carburizing or nitriding

Holovenko, Yaroslav; Kollo, Lauri; Jõelet, Marek; Ivanov, Roman; Soloviova, Tetiana; **Veinthal, Renno** Proceedings of the Estonian Academy of Sciences 2019 / p. 131–139 : ill <https://doi.org/10.3176/proc.2019.2.02> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-131-139.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties and environmental impact of oil shale ash landfills

Pihu, Tõnu; Konist, Alar; Puura, Erik; Liira, Martin; Kirsimäe, Kalle Oil shale 2019 / p. 257–270 : ill

http://www.kirj.ee/public/oilshale_pdf/2019/issue_2/OS-2019-2-257-270.pdf <https://doi.org/10.3176/oil.2019.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of kukersite shale oil

Järvik, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo; Oja, Vahur Oil shale 2021 / p. 265-294

<https://doi.org/10.3176/oil.2021.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions

Culin, Chris; Tente, Kevin; Konist, Alar; Maaten, Birgit; Loo, Lauri Oil shale 2019 / p. 353-369 : ill http://www.kirj.ee/32526/?tpl=1061&c_tpl=1064

<https://doi.org/10.3176/oil.2019.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent advances in the Ordovician stratigraphy of the Baltic Palaeobasin and Tornquist margin of Baltica

Meidla, Tõnu; Ainsaar, Leho; Hints, Olle; Radzevičius, Sigitas Estonian journal of earth sciences 2023 / p. 149

<https://doi.org/10.3176/earth.2023.54>

Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea

Männikus, Rain; Soomere, Tarmo; Najafzadeh, Fatemeh Estonian journal of earth sciences 2022 / p. 80-88 : ill

<https://doi.org/10.3176/earth.2022.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Removal of heavy metals and total organic carbon from wastewater using powdered activated carbon

Lember, Erki; Pachel, Karin; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2019 / p. 100–110 : ill

<https://doi.org/10.3176/proc.2019.1.10> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-100-110.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

ROS middle-layer integration into Unity3D as an interface option for propulsion drive simulations of autonomous vehicles

Kuts, Vladimir; Rassõlkin, Anton; Jegorov, Sergei; Rjabtšikov, Viktor Proceedings of the Estonian Academy of Sciences 2021 /

p. 392-398 : ill <https://doi.org/10.3176/proc.2021.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Searching for the Ordovician-Silurian boundary in Estonia, Latvia and Lithuania

Meidla, Tõnu; Hints, Olle; Ainsaar, Leho Estonian journal of earth sciences 2023 / p. 70-73 : ill <https://doi.org/10.3176/earth.2023.53>

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2022 / p. 369-375 : ill

<https://doi.org/10.3176/proc.2022.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulation based feasibility analysis of autonomously movable robot arm

Vaher, Kristo; Mahmood, Kashif; Otto, Tauno; Riives, Jüri Proceedings of the Estonian Academy of Sciences 2021 / p. 422-428

: ill <https://doi.org/10.3176/proc.2021.4.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid heat carrier oil shale retorting technology with integrated CFB technology

Nešumajev, Dmitri; Pihu, Tõnu; Siirde, Andres; Järvik, Oliver; Konist, Alar Oil shale 2019 / p. 99–113 : ill

<https://doi.org/10.3176/oil.2019.2S.02> http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-99-113.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spark plasma sintering of layered γ -Al₂O₃/graphene reinforced nanocomposites

Saffarshamshirgar, Ali; Ivanov, Roman; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2019 / p. 140–144

: ill <https://doi.org/10.3176/proc.2019.2.04> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-140-144.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Specific statistical properties of the strength of links and nodes of the Estonian network of payments

Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert Proceedings of the Estonian Academy of Sciences 2019 / p. 235–243 :

ill <https://doi.org/10.3176/proc.2019.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of submerged and plasma arc welded composite hardfacings with a novel Cr₃C₂–Ni reinforcement

Bendikiene, Regita; Surženkov, Andrei; Tkachivskyi, Dmytro; Juhani, Kristjan; Viljus, Mart; Traksmäa, Rainer; Antonov,

Maksim; Kulu, Priit Proceedings of the Estonian Academy of Sciences 2019 / p. 150–157 : ill <https://doi.org/10.3176/proc.2019.2.06>

http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-150-157.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suitability analysis of using industrial robots in manufacturing

Kangru, Tavo; Riives, Jüri; Mahmood, Kashif; Otto, Tauno Proceedings of the Estonian Academy of Sciences 2019 / p. 383–388 : ill http://www.kirj.ee/32687/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synchronizing physical factory and its digital twin through an IIoT middleware : a case study

Kuts, Vladimir; Modoni, Gianfranco E.; Otto, Tauno; Sacco, Marco; Tähemaa, Toivo; Bondarenko, Yevhen; Wang, Ruxin Proceedings of the Estonian Academy of Sciences 2019 / p. 364–370 : ill http://www.kirj.ee/32660/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one, a D-ring precursor of 9,11-secoosterols

Kõllo, Marek; Rõuk, Kristi; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2022 / p. 307-313 : ill <https://doi.org/10.3176/proc.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tailoring the microstructure and tribological properties in commercially pure aluminium processed by High Pressure Torsion Extrusion

Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim Proceedings of the Estonian Academy of Sciences 2021 / p. 540-548 : ill <https://doi.org/10.3176/proc.2021.4.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The chemometric approach to identification of residual oil contamination at former primitive asphalt pavement plants

Jurjeva, Jelena; Koel, Mihkel Oil shale 2019 / p. 410-430 : ill http://www.kirj.ee/32501/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/oil.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The diploporite blastozoan Glyptosphaerites (Echinodermata: Blastozoa) and the origin of diplopores

Paul, Christopher R. C.; Toom, Ursula Estonian journal of earth sciences 2021 / p. 224-239 : ill <https://doi.org/10.3176/earth.2021.15> [Journal metrics at Scopus](#) [Article at Scopus](#)

The earliest Ordovician trace fossils Cruziana and Rusophycus from Baltica

Pärnaste, Helje; Toom, Ursula; Popov, Leonid E. Estonian journal of earth sciences 2023 / p. 154 <https://doi.org/10.3176/earth.2023.63>

The influence of fibre orientation in self-compacting concrete on 4-point bending strength

Herrmann, Heiko; Goidyk, Oksana; Naar, Hendrik; Tuisk, Tanel; Braunbrück, Andres Proceedings of the Estonian Academy of Sciences 2019 / p. 337-346 : ill http://www.kirj.ee/32397/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.3.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The wear of PVD coated elements in oscillation motion at high temperature

Michalczewski, Remigiusz; Kalbarczyk, Marek; Slomka, Zbigniew; Liu, Le; Antonov, Maksim; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2021 / p. 500-507 : ill <https://doi.org/10.3176/proc.2021.4.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal properties of calcium-aluminate based materials

Kulu, Priit; Goljandin, Dmitri; Traksmaa, Rainer; Kaljuvee, Tiit; Gregor, Andre Proceedings of the Estonian Academy of Sciences 2021 / p. 508-515 : ill <https://doi.org/10.3176/proc.2021.4.19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards a revised Sandbian conodont biozonation of Baltica

Paiste, Tõnn; Männik, Peep; Stouge, Svend; Meidla, Tõnu Estonian journal of earth sciences 2023 / p. 153 <https://doi.org/10.3176/earth.2023.07>

Transformation of nonlinear discrete-time state equations into the observer form : extension to non-reversible case

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2021 / p. 235-247 <https://doi.org/10.3176/proc.2021.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transformation of nonlinear discrete-time state equations into the observer form : revision

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2023 / p. 1-5 <https://doi.org/10.3176/proc.2023.1.01>

Tribological and circular economy aspects of polypropylene/cotton fibre hybrid composite

Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Kumar, Rahul, 1993-; Kamboj, Nikhil Kumar; Rahmani Ahranjani, Ramin; Viljus, Mart; Ahmad, Tahir; Krumme, Andres; Krasnou, Illia Proceedings of the Estonian Academy of Sciences 2022 / p. 186-193 : ill <https://doi.org/10.3176/proc.2022.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tribology of alumina materials for the circular economy of manufacturing textile industries

Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Viljus, Mart Proceedings of the Estonian Academy of Sciences 2021 / lk. 215-220 : ill <https://doi.org/10.3176/proc.2021.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A two-step model for assessing the potential of shale-derived chemicals by oxidation of kukersite

Mets, Birgit; Lopp, Margus; Uustalu, Jaan Mihkel; Muldma, Kati; Niidu, Allan; Kaldas, Kristiina Oil shale 2023 / p. 344-362 <https://doi.org/10.3176/oil.2023.4.04>

Uncommon reaction in 4-formyl phenols - substitution of the formyl group

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 1-5 <https://doi.org/10.3176/proc.2024.1.01>

Underwater noise impact of a ferry route on dive patterns of transiting Baltic ringed seals

Prawirasasra, Muhammad Saladin; Jüssi, Mart; Mustonen, Mirko; Klauson, Aleksander Estonian journal of earth sciences 2022 / p. 201–213 <https://doi.org/10.3176/earth.2022.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Use case of Autonomous Vehicle shuttle and passenger acceptance analysis

Kalda, Krister; Sell, Raivo; Soe, Ralf-Martin Proceedings of the Estonian Academy of Sciences 2021 / p. 429-436 : ill <https://doi.org/10.3176/proc.2021.4.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

User-centred design in industrial collaborative automated systems

Pizzagalli, Simone Luca; Kuts, Vladimir; Otto, Tauno Proceedings of the Estonian Academy of Sciences 2021 / p. 436-443 : ill <https://doi.org/10.3176/proc.2021.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water quality

Loigu, Enn; Leisk, Ülle; Hannus, Maila; Blinova, Irina Present and potential production of salmon in Estonian rivers 2001 / p. 21-35 : ill

Wear of potential tool materials for aluminium alloys friction stir welding at weld temperatures

Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt Proceedings of the Estonian Academy of Sciences 2019 / p. 198–206 : ill <https://doi.org/10.3176/proc.2019.2.12> http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-198-206.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vendian

Mens, Kaisa; Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 35-38: ill

Vendian-Tremadoc clastogenic sedimentation basins

Mens, Kaisa; Pirrus, Enn-Aavo Geology and mineral resources of Estonia 1997 / p. 184-191: ill

Virtual labs for higher education in industrial engineering

Terkaj, Walter; Kleine, Kari; Kuts, Vladimir Proceedings of the Estonian Academy of Sciences 2024

Väinameri - the buffer zone in the water and nutrient exchange between the Gulf of Riga and the Baltic Proper

Suursaar, Ülo; Astok, Villu; Kullas, Tiit; Otsmann, Mikk; Nõmm, Avo Estonia : geographical studies 1996 / p. 5-28

Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale

Astra, Hanna-Liina; Albert, Tiina; Mozaffari, Sepehr; Järvik, Oliver; Yanchilin, Alexey; Kamenev, Sven; Karagöz, Selhan; Oja, Vahur Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Закономерности распределения алкилрезорцинов

Mölder, Leevi; Tiikma, Laine; Kuslapuu, H.; Raude, Urmas Oil Shale = Горючие Сланцы 1984 / с. 99-103 : табл https://www.ester.ee/record=b1072685*est

Исследование продуктов коррозии стали при добыче горючих сланцев

Kukrus, O.; Ulite, A.; Metsik, Rein; Pedokand, Tõivu Oil Shale = Горючие Сланцы 1982 / с. 21-27 https://www.ester.ee/record=b1072685*est

Корреляция кривых распределения алкилрезоринов при экстракции их смешанным экстрагентом

Tiikma, Laine; Mölder, Leevi; Tamvelius, Hindrek Oil Shale = Горючие Сланцы 1985 / с. 201-205 : табл https://www.ester.ee/record=b1072685*est

Кристаллизация алкилрезорцинов из смешанных органических и водоорганических растворителей

Zabellevitš, I.V.; Mölder, Leevi Oil Shale = Горючие Сланцы 1984 / с. 420-425 : табл https://www.ester.ee/record=b1072685*est

Лантаноиды в золах сланца-кукерсита Прибалтийской ГРЭС

Pets, Lydia; Vaganov, P.A.; Šnir, K. Oil Shale = Горючие Сланцы 1986 / с. 419-425 : таб., ил
https://www.ester.ee/record=b1072685*est

Применение сланцевой золы в производстве суперфосфата

Veiderma, Mihkel; Kuusk, Anu Oil Shale = Горючие Сланцы 1969 / с. 12-15 : ил https://www.ester.ee/record=b1072685*est

Проблемы водяной обмывки топочных экранов пылесланцевых котлов. 1. Коррозионно - эрозионный износ топочных экранов

Ots, Arvo; Pella, Villu; Touart, Raivo Oil Shale = Горючие Сланцы 1988 / с. 193-205 : ил https://www.ester.ee/record=b1072685*est

Проблемы водяной обмывки топочных экранов. 2. Поведение металла и прогноз продолжительности работы

Ots, Arvo; Pella, Villu; Touart, Raivo Oil Shale = Горючие Сланцы 1988 / с. 266-278 : ил https://www.ester.ee/record=b1072685*est

Румынские сланцы на службе электроэнергетики

Suurkuusk, Tõnu Oil Shale 1984 / с. 209-211 : илл https://www.ester.ee/record=b1072685*est