

About technical terms of oil shale and shale oil

Reinsalu, Enno; Aarna, Indrek Oil shale 2015 / p. 291-292 https://artiklid.elnet.ee/record=b2750696*est
<https://doi.org/10.3176/oil.2015.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

About the gasification of kukersite oil shale

Kann, Jüri; Raukas, Anto; Siirde, Andres Oil shale 2013 / p. 283-293 : ill <https://doi.org/10.3176/oil.2013.2S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Advancement in production engineering education through Virtual Learning Factory Toolkit concept

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](#)

Age of the Kalana Lagerstätte, early Silurian, Estonia

Männik, Peep; Tinn, Oive; Loydell, David, K.; Ainsaar, L. Estonian journal of earth sciences 2016 / p. 105-114 : ill <https://doi.org/10.3176/earth.2016.10> https://artiklid.elnet.ee/record=b2778946*est [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](#)

Algebraic formalism of differential p-forms and vector fields for nonlinear control systems on homogeneous time scales

Bartosiewicz, Zbigniew; Kotta, Ülle; Pawluszewicz, Ewa; Tõnso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2013 / p. 215-226 <https://doi.org/10.3176/proc.2013.4.02> [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 approach to the inference of finite state machines based on a gravitationally-inspired search algorithm

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46 <https://doi.org/10.3176/proc.2013.1.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective

Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; **Gušča, Julija** Oil shale 2013 / p. 268-282 : ill https://artiklid.elnet.ee/record=b2631747*est <https://doi.org/10.3176/oil.2013.2S.07> [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](#)

Analysis of ship wake transformation in the coastal zone using time-frequency methods

Torsvik, Tomas; Herrmann, Heiko; Didenkulova, Irina; Rodin, Artem Proceedings of the Estonian Academy of Sciences 2015 / p. 379-388 : ill https://artiklid.elnet.ee/record=b2740572*est <https://doi.org/10.3176/proc.2015.3S.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secoosterols

Rõuk, Kristi; Kõllo, Marek; Järving, Ivar; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill <https://doi.org/10.3176/proc.2024.3.06>

Application issues of additive manufacturing in plaster mold casting of metals

Pohlak, Meelis; Sergejev, Fjodor; Tähemaa, Toivo; Saarna, Mart; Viljus, Mart; Hermaste, Aigar Proceedings of the Estonian Academy of Sciences 2025 / p. 181-185 <https://doi.org/10.3176/proc.2025.2.18>

Application of the concept of design space in method development for the determination of contaminants in soil

Jurjeva, Jelena; Koel, Mihkel Proceedings of the Estonian Academy of Sciences 2025 / p. 71-81 <https://doi.org/10.3176/proc.2025.1.07>

Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits

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](#)

Assemblage of turbulent jet flows through static particulate media

Lauk, Peep; Rebassa, Josep Hueso; Kartušinski, Aleksander; Tisler, Sergei; Tähemaa, Toivo; Polonsky, Andrei Proceedings of the Estonian Academy of Sciences 2016 / p. 284-296 : ill <https://doi.org/10.3176/proc.2016.3.05> https://artiklid.elnet.ee/record=b2798402*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing the geochemical variability of oil shale in the Attarat Um Ghudran deposit, Jordan

Voolma, Margus; Soesoo, Alvar; Puura, Väino; Hade, Sigrid; Aosaar, Hardi Estonian journal of earth sciences 2016 / p. 61-74 : ill <https://doi.org/10.3176/earth.2016.06> https://artiklid.elnet.ee/record=b2778896*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of landfill wastewater pollutants and efficiency of different treatment methods

Kuusik, Aare; Pachel, Karin; Kuusik, Argo; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2016 / p. 452-471 : ill <https://doi.org/10.3176/proc.2016.4.10> https://artiklid.elnet.ee/record=b2808652*est [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](#)

A bio- and chemostratigraphic search for the Mid-Ludfordian Carbon Isotope Excursion interval in the Ludlow of the Ohesaare core, Estonia

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](#)

A bio-chemostratigraphical test of the synchronicity of biozones in the upper Silurian of Estonia and Latvia with some implications for practical stratigraphy

Kaljo, Dimitri; Einasto, Rein; Martma, Tõnu; Märss, Tiit; Nestor, Viit-Kai; Viira, Viive Estonian journal of earth sciences 2015 / p. 267-283 : ill https://artiklid.elnet.ee/record=b2750825*est <https://doi.org/10.3176/earth.2015.33> [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Calculation of the amount of Estonian oil shale products from combustion in regular and oxy-fuel mode in a CFB boiler

Konist, Alar; Loo, Lauri; Valtsev, Aleksandr; Maaten, Birgit; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu Oil shale 2014 / p. 211-224 : ill https://artiklid.elnet.ee/record=b2680497*est <https://doi.org/10.3176/oil.2014.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric 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](#)

Centimetre-scale variability of redox-sensitive elements in Tremadocian black shales from the eastern Baltic Palaeobasin

Hints, Rutt; Soesoo, Alvar; Voolma, Margus; Tarros, Siim; Kallaste, Toivo; Hade, Sigrid Estonian journal of earth sciences 2014 / p. 233-239 : ill https://artiklid.elnet.ee/record=b2705856*est <https://doi.org/10.3176/earth.2014.24> [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 Estonian honeys by botanical origin

Kivima, Evelin; Seiman, Andrus; Pall, Raili; Sarapuu, Evelyn; Martverk, Kaie; Laos, Katrin Proceedings of the Estonian Academy of Sciences 2014 / p. 183-192 : ill https://artiklid.elnet.ee/record=b2673977*est <https://doi.org/10.3176/proc.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Chemical composition of red wines made from hybrid grape and common grape (Vitis vinifera L.) cultivars

Pedastsaar, Priit; Vaher, Merike; Helmja, Kati; Kulp, Maria; Kaljurand, Mihkel; Karp, Kadri; Raal, Ain; Karathanos, Vaivos; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est <https://doi.org/10.3176/proc.2014.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical composition of the mineral matter of the Attarat Um Ghudran oil shale, Central Jordan

Puura, Väino; Soesoo, Alvar; Voolma, Margus; Hade, Sigrid; Aosaar, Hardi Oil shale 2016 / p. 18-30 : ill https://artiklid.elnet.ee/record=b2760695*est <https://doi.org/10.3176/oil.2016.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Chemosystematic markers for the essential oils in leaves of Mentha species cultivated or growing naturally in Estonia

Orav, Anne; Kapp, Karmen; Raal, Ain Proceedings of the Estonian Academy of Sciences 2013 / p. 175-186 https://artiklid.elnet.ee/record=b2624901*est <https://doi.org/10.3176/proc.2013.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Coherent enterprise information modeling for 5G private network feasibility

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhi, Kristjan Proceedings of the Estonian Academy of Sciences 2024 / p. 100-107 <https://doi.org/10.3176/proc.2024.2.01>

Column water vapour : an intertechnique comparison of estimation methods in Estonia

Keernik, Hannes; Ohvri, Hanno; Jakobson, Erko; **Rannat, Kalev; Luhamaa, Andres** Proceedings of the Estonian Academy of Sciences 2014 / p. 37-47 : ill https://artiklid.elnet.ee/record=b2665209*est <https://doi.org/10.3176/proc.2014.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined treatment of pyrogenic wastewater from oil shale retorting

Klein, Kati; **Kattel, Eneliis; Goi, Anna**; Kivi, Arthur; **Dulova, Niina**; Saluste, Alar; Zekker, Ivar; **Trapido, Marina**; Tenno, Taavo Oil shale 2017 / p. 82-96 : ill <https://doi.org/10.3176/oil.2017.1.06> https://artiklid.elnet.ee/record=b2816468*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combustion synthesis of silicon carbide by magnesio-carbothermic reduction of amorphous and crystalline silica

Kirakosyan, Hasmik; Nazaretyan, Khachik; Beglaryan, Hayk; Ivanov, Roman; **Hussainova, Irina; Aydinyan, Sofiya** Proceedings of the Estonian Academy of Sciences 2025 / p. 260-265 <https://doi.org/10.3176/proc.2025.2.31>

Comparative analysis of content and composition of essential oils of *Thymus vulgaris* L. from different regions of Europe

Raal, Ain; Gontova, Tetiana; Palmeos, Maie; **Orav, Anne**; Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02>

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>

Comparative feasibility study of partial power converter for interfacing battery energy storage into power system of future circular collider

Chub, Andrii; Niinemägi, Joosep; Colmenero, Manuel; Aguglia, Davide Proceedings of the Estonian Academy of Sciences 2024 / p. 396-415 <https://doi.org/10.3176/proc.2024.4.08>

A comparative SEM study of ossicles in the Pleuronectiformes (Teleostei) of the Baltic Sea

Märss, Tiit; Wilson, Mark; Lees, Janek; Saat, Toomas; Špilev, Heli Proceedings of the Estonian Academy of Sciences 2015 / p. 495-517 : ill <https://doi.org/10.3176/proc.2015.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of multifractal parameters of surface defects and non-defects

Martsepp, Merike; Laas, Tõnu; Tõkke, Siim; **Primets, Jaanis; Mikli, Valdek** Proceedings of the Estonian Academy of Sciences 2023 / p. 115-127 : ill <https://doi.org/10.3176/proc.2023.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering

Ritasalo, Riina; **Antonov, Maksim; Veinthal, Renno**; Hannula, Simo-Pekka Proceedings of the Estonian Academy of Sciences 2014 / p. 62-74 : ill https://artiklid.elnet.ee/record=b2665219*est <https://doi.org/10.3176/proc.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complexity in engineering and natural sciences

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 https://artiklid.elnet.ee/record=b2740532*est <https://doi.org/10.3176/proc.2015.3.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition and properties of oil shale ash concrete

Raado, Lembi-Merike; Hain, Tiina; Liisma, Eneli; Kuusik, Rein, keemik Oil shale 2014 / p. 147-160 : ill https://artiklid.elnet.ee/record=b2673716*est <https://doi.org/10.3176/oil.2014.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.2023.1.02>
https://artiklid.elnet.ee/record=b2903562*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results

Halás, Miroslav; Kaldmäe, Arvo; Kotta, Ülle; Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378
<https://doi.org/10.3176/proc.2024.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A concept for performance measurement and evaluation in network industries

Kuhi, Kristjan; Kõrbe Kaare, Kati; Koppel, Ott Proceedings of the Estonian Academy of Sciences 2015 / p. 536-542 : ill
https://artiklid.elnet.ee/record=b2750881*est <https://doi.org/10.3176/proc.2015.4S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Conodont biostratigraphy of the Oandu Stage (Katian, Upper Ordovician) in NE Estonia

Männik, Peep Estonian journal of earth sciences 2017 / p. 1-12 : ill <https://doi.org/10.3176/earth.2017.02> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contribution of wave set-up into the total water level in the Tallinn area

Pindsoo, Katri; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 338-348 : ill
https://artiklid.elnet.ee/record=b2740558*est <https://doi.org/10.3176/proc.2015.3S.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-pyrolysis of biomass woodchips with Ca-rich oil shale fuel in a continuous feed reactor

Lyons Ceron, Alejandro; Pihu, Tõnu; Konist, Alar Oil Shale 2024 / p. 208–235 : ill <https://doi.org/10.3176/oil.2024.3.04>

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

Lyons Ceron, Alejandro; 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](#)

Data processing and performance testing of a low-cost surface drifter design for use in coastal waters

Torsvik, Tomas Proceedings of the Estonian Academy of Sciences 2016 / p. 58-67 : ill <https://doi.org/10.3176/proc.2016.1.06>
https://artiklid.elnet.ee/record=b2760716*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Declining extent of fen peat deposits over the past 50 years in Ogre Municipality, central Latvia

Stivriņš, Normunds; Matskins, Davis; Ozola, Ilze Estonian Journal of Earth Sciences 2025 / p. 53-60 : ill
<https://doi.org/10.3176/earth.2025.04>

Decomposition kinetics of American, Chinese and Estonian oil shales kerogen

Maaten, Birgit; Loo, Lauri; Konist, Alar; Nešumajev, Dmitri; Pihu, Tõnu; Külaots, Indrek Oil shale 2016 / p. 167-183 : ill
<https://doi.org/10.3176/oil.2016.2.05> https://artiklid.elnet.ee/record=b2778470*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deformation waves in microstructured solids and dimensionless parameters

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert; Salupere, Andrus Proceedings of the Estonian Academy of Sciences 2013 / p. 109-115 : ill https://artiklid.elnet.ee/record=b2624195*est <https://doi.org/10.3176/proc.2013.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Design and development of solid state circuit breaker with residual current protection for residential prosumer DC microgrids

Jalakas, Tanel; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri; Kurnitski, Jarek Proceedings of the Estonian Academy of Sciences 2025 / p. 281-290 <https://doi.org/10.3176/proc.2025.2S.02>

Design optimization of graphene laminates for maximum fundamental frequency

Majak, Jüri; Kirs, Maarjus; Eerme, Martin; Tungal, Ernst; Lepikult, Toomas Proceedings of the Estonian Academy of Sciences 2017 / p. 354-362 : ill <https://doi.org/10.3176/proc.2017.4.08> https://artiklid.elnet.ee/record=b2830810*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detachable connecting fittings failure loads on plywood furniture

Saar, Kaarel; Kers, Jaan; Luga, Üllar; Reiska, Ahto Proceedings of the Estonian Academy of Sciences 2015 / p. 113-117 : ill <https://doi.org/10.3176/proc.2015.1S.07> https://artiklid.elnet.ee/record=b2716371*est [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](#)

Detection of surface defects in metals : a case study

Märtens, Olev; Land, Raul; Metshein, Margus; Abdullayev, Anar; Vennikas, Henri; Le Moullec, Yannick; Rist, Marek Proceedings of the Estonian Academy of Sciences 2025

Detection of the consistency of two speech signals using pitch periods

Trump, Tõnu Proceedings of the Estonian Academy of Sciences 2013 / p. 88-96 : ill <https://doi.org/10.3176/proc.2013.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a product lifecycle management model based on the fuzzy analytic hierarchy process

Paavel, Marko; Karjust, Kristo; Majak, Jüri Proceedings of the Estonian Academy of Sciences 2017 / p. 279-286 : ill <https://doi.org/10.3176/proc.2017.3.05> http://www.ester.ee/record=b2355998*est [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](#)

Discovery of trimerellide brachiopod Gasconsia from the Ordovician of Estonia

Hints, Linda; Rong, Jiayu Estonian journal of earth sciences 2024 / p. 124-133 : ill <https://doi.org/10.3176/earth.2024.12>

Disturbance decoupling by measurement feedback : sensor location

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2016 / p. 317-329 : ill <https://doi.org/10.3176/proc.2016.4.05> https://artiklid.elnet.ee/record=b2808632*est [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

DTRON : a tool for distributed model-based testing of time critical applications

Anier, Aivo; Vain, Jüri; Tsiopoulos, Leonidas Proceedings of the Estonian Academy of Sciences 2017 / p. 75-88 : ill <https://doi.org/10.3176/proc.2017.1.08> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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>

The earliest Ordovician trace fossils Cruziana and Rusophycus from Baltica

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

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

Early Silurian crinoid diversification on Baltica : Euspirocrinus varbolaensis sp. nov

Ausich, William I.; Wilson, Mark A.; Toom, Ursula Estonian journal of earth sciences 2024 / p. 37-44 : ill
<https://doi.org/10.3176/earth.2024.05>

Economic sustainability of Estonian shale oil industry until 2030

Kallemets, Kalev Oil shale 2016 / p. 272-289 : ill <https://doi.org/10.3176/oil.2016.3.06> https://artiklid.elnet.ee/record=b2798383*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of basalt and silica additives on erosive wear resistance of cast ceramics

Baroninš, Janis; Antonov, Maksim; Ivanov, Roman; Shuliak, Volodymyr; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 144-151 : ill <https://doi.org/10.3176/proc.2016.2.05> https://artiklid.elnet.ee/record=b2768221*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of innovation in unconventional oil industry : case of Estonia and Canada

Kallemets, Kalev; Tänav, Tõnis Oil shale 2017 / p. 279-294 : ill <https://doi.org/10.3176/oil.2017.3.06>
http://www.ester.ee/record=b1072685*est https://artiklid.elnet.ee/record=b2824320*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Environment for the analysis of functional self-test quality in digital systems

Ubar, Raimund-Johannes; Kostin, Sergei; Kruus, Helena; Aarna, Margit; Devadze, Sergei Proceedings of the Estonian Academy of Sciences 2014 / p. 151-162 : ill https://artiklid.elnet.ee/record=b2673964*est <https://doi.org/10.3176/proc.2014.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental changes induced by human activities in the Northern Curonian Lagoon (Eastern Baltic) : diatoms and stable isotope data

Vaikutiene, Giedre; Skipityte, Raminta; Mažeika, Jonas; **Martma, Tõnu** Estonian journal of earth sciences 2017 / p. 93-108 : ill
<https://doi.org/10.3176/earth.2017.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental performance analysis of innovative mechanical separation for recycling of waste printed circuit boards

Hosseini, Pooya; **Klauson, Artur; Goljandin, Dmitri;** Hendrickx, Brent; Dufflou, Joost R. Proceedings of the Estonian Academy of

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

ESTCube-1 nanosatellite for electric solar wind sail in-orbit technology demonstration

Lätt, Silver; Slavinskis, Andris; Ilbis, Erik; **Vahter, Andres; Liias, Paul; Vahter, Toomas; Edvard, Veigo** Proceedings of the Estonian Academy of Sciences 2014 / p. 200-209 : ill https://artiklid.elnet.ee/record=b2672246*est <https://doi.org/10.3176/proc.2014.2S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Estonian graptolite argillites revisited : a future resource?

Hade, Sigrid; Soesoo, Alvar Oil shale 2014 / p. 4-18 : ill https://artiklid.elnet.ee/record=b2664044*est <https://doi.org/10.3176/oil.2014.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian Journal of Earth Sciences

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

Estonian Journal of Earth Sciences

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

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

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](#)

Excitation system models of generators of Balti and Eesti power plants

Attikas, Raivo; Tammoja, Heiki Oil shale 2007 / p. 285-295 : ill https://www.researchgate.net/publication/241262907_Excitation_system_models_of_generators_of_Balti_and_Eesti_power_plants

Experimental analysis of end mill axis inclination and its influence on 3D areal surface texture parameters

Logins, Andris; Rosado Castellano, Pedro; Torims, Toms; Gutierrez, Santiago C.; **Sergejev, Fjodor** Proceedings of the Estonian Academy of Sciences 2017 / p. 194-201 : ill <https://doi.org/10.3176/proc.2017.2.09> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820942*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental concept study of a small engine silencer unit based on microperforated elements

Villau, Margus; **Rämmal, Hans; Lavrentjev, Jüri** Proceedings of the Estonian Academy of Sciences 2024 / p. 159-167 : ill., fot <https://doi.org/10.3176/proc.2024.2.09> https://www.ester.ee/record=b2355998*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](#)

Experimental study of steered fibre composite production

Haavajõe, Anti; Mikola, Madis; Osali, Hadi; Pohlak, Meelis; Herranen, Henrik Proceedings of the Estonian Academy of Sciences 2017 / p. 295-299 : ill <https://doi.org/10.3176/proc.2017.3.09> http://www.ester.ee/record=b2355998*est
https://artiklid.elnet.ee/record=b2824306*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Exponential distribution of wave-driven near-bed water speeds under short-crested waves: a case study in the eastern Gulf of Riga, the Baltic Sea

Eelsalu, Maris; Piho, Laura; Aigars, Juris; Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; Kruusmaa, Maarja; Parnell, Kevin Ellis; Ristolainen, Asko; Šakurova, Ilona; Skudra, Māris; Viška, Maija; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2025 / p. 23-42 : map, ill <https://doi.org/10.3176/proc.2025.1.03>

Extraction of oil from Jordanian Attarat oil shale

Tiikma, Laine; Johannes, Ille; Luik, Hans; Lepp, Ardi; Šarajeva, Galina Oil shale 2015 / p. 218-239 : ill <https://doi.org/10.3176/oil.2015.3.03> https://artiklid.elnet.ee/record=b2740510*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fabrication and microstructural analysis of didymium-iron-boron magnet alloys with cerium additions

Mural, Zorjana; Kolnes, Märt; Afshari, Hossein; Kollo, Lauri; Link, Joosep; Veinthal, Renno Proceedings of the Estonian Academy of Sciences 2016 / p. 166-171 : ill <https://doi.org/10.3176/proc.2016.2.02> https://artiklid.elnet.ee/record=b2768229*est 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> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fast iterative circuits and RAM-based mergers to accelerate data sort in software/hardware systems

Sklyarov, Valery; Skliarova, Iuliia; Rjabov, Artjom; Sudnitsõn, Aleksander Proceedings of the Estonian Academy of Sciences 2017 / p. 323-335 : ill <https://doi.org/10.3176/proc.2017.3.07> http://www.ester.ee/record=b2355998*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Feedback linearization of possibly non-smooth systems

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 109-123 <https://doi.org/10.3176/proc.2017.2.01> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820923*est 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; Stivrīnš, 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

First record of the early sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana

Frýda, Jiri; Lehnert, Oliver; Joachimski, Michael Estonian Journal of Earth Sciences 2015 / p. 42 - 46
<https://doi.org/10.3176/earth.2015.08> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

First record of the trace fossil Oikobesalon from the Ordovician (Darrivilian) of Baltica

Vinn, Olev; Toom, Ursula Estonian journal of earth sciences 2014 / p. 118-121 : ill https://artiklid.elnet.ee/record=b2673778*est
<https://doi.org/10.3176/earth.2014.11> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

First report of an aulaceratid stromatoporoid from the Ordovician of Baltica

Jeon, Juwan; Toom, Ursula Estonian journal of earth sciences 2024 / p. 71-80 : ill <https://doi.org/10.3176/earth.2024.07>

Foreword

Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2024 / lk. 99 <https://doi.org/10.3176/proc.2024.2.03>
https://www.ester.ee/record=b2355998*est

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>

Foreword

Öpik, Andres Proceedings of the Estonian Academy of Sciences 2015 / p. 69-70 [Journal metrics at Scopus](#) [Article at Scopus](#)

Foreword : [selected papers of the 19th Biennial Conference on Electronics and Embedded Systems 2024 (BEC 2024), that took place on October 2-4, 2024, in Tallinn, Estonia]

Le Moullec, Yannick; Ellervee, Peeter Proceedings of the Estonian Academy of Sciences 2025 / p. 267-268

<https://doi.org/10.3176/proc.2025.2S.04>

Formation of aeolian landscapes in Estonia

Ratas, Urve; **Raukas, Anto**; Ravis, 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

Formation of the abundance of microfungi on the barley grain grown as pure and mixed crops in Central and North Estonia

Akk, Elina; Lõiveke, Heino; Edesi, Liina; **Kütt, Mary-Liis**; Lauringson, Enn; Kastanje, Veiko Estonian journal of ecology 2013 / lk.

265-275 : ill https://artiklid.elnet.ee/record=b2651620*est <https://doi.org/10.3176/eco.2013.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Mehrpavar, 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](#)

From scrap to product : the effect of recycled tungsten carbide and alumina content on the mechanical properties of oxide-carbide duplex ceramic composite

Kariminejad, Arash; Klimczyk, Piotr; **Antonov, Maksim**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences

2025 / p. 192-197 <https://doi.org/10.3176/proc.2025.2.20>

F-seminorms on generalized double sequence spaces defined by modulus functions

Kolk, Enno; **Raidjõe, Annemai** Proceedings of the Estonian Academy of Sciences 2014 / p. 121-132

<https://doi.org/10.3176/proc.2014.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler

Pihu, Tõnu; **Konist, Alar**; **Nešumajev, Dmitri**; **Loo, Lauri**; Molodtsov, Artjom; Valtsev, Aleksandr Oil shale 2017 / p. 250-262 : ill

http://www.ester.ee/record=b1072685*est <https://doi.org/10.3176/oil.2017.3.04> https://artiklid.elnet.ee/record=b2824316*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Functions' algebra in nonlinear control : computational aspects and software

Belikov, Juri; **Kaldmäe, Arvo**; **Kaparin, Vadim**; **Kotta, Ülle**; Shumsky, Alexey Ye.; **Tõnso, Maris**; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 89-107

<https://doi.org/10.3176/proc.2017.1.06> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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](#)

Geochemical discrimination of the Upper Ordovician Kinnekulle Bentonite in the Billegrav-2 drill core section, Bornholm, Denmark

Kiipli, Tarmo; **Kallaste, Toivo**; Nielsen, Arne T.; Schovsbo, Niels H.; **Siir, Sven** Estonian journal of earth sciences 2014 / p. 264-270

: ill https://artiklid.elnet.ee/record=b2705908*est <https://doi.org/10.3176/earth.2014.29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical heterogeneity of Estonian graptolite argillite

Voolma, Margus; **Soesoo, Alvar**; **Hade, Sigrid**; **Hints, Rutt**; **Kallaste, Toivo** Oil shale 2013 / p. 377-401 : ill

https://artiklid.elnet.ee/record=b2633538*est <https://doi.org/10.3176/oil.2013.3.02> [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](#)

Geochemistry, provenance, and tectonic setting of Paleoproterozoic metasedimentary and metavolcanic units of the Estonian Alutaguse region, eastern Fennoscandia

Solano-Acosta, Juan David; Soesoo, Alvar; Hints, Rutt Estonian journal of earth sciences 2025 / p. 61-82
<https://doi.org/10.3176/earth.2025.05>

Global linearization approach to nonlinear control systems : a brief tutorial overview

Belikov, Juri; Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2017 / p. 243-263
<https://doi.org/10.3176/proc.2017.3.01> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2824300*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth of Scenedesmus obliquus under artificial flue gas with a high sulphur concentration neutralized with oil shale ash

Podkuiko, Lara; Olt, Jüri; Kikas, Timo Proceedings of the Estonian Academy of Sciences 2017 / p. 151-158 : ill
<https://doi.org/10.3176/proc.2017.2.03> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820929*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heat capacity of kukersite oil shale : literature overview

Savest, Natalja; Oja, Vahur Oil shale 2013 / p. 184-192 : ill https://artiklid.elnet.ee/record=b2621584*est
<https://doi.org/10.3176/oil.2013.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High selective oil shale mining

Väizene, Vivika; Valgma, Ingo; Iskül, Riho; Kolats, Margit; Nurme, Martin; Karu, Veiko Oil shale 2013 / p. 305-325 : ill
https://artiklid.elnet.ee/record=b2631753*est <https://doi.org/10.3176/oil.2013.2S.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach

Kirakosyan, Khachatur; Aghayan, Marina; Rodriguez, Miguel Angel; Taleb, Masoud; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2016 / p. 97-100 : ill https://artiklid.elnet.ee/record=b2768206*est <https://doi.org/10.3176/proc.2016.2.06>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hot and cold regions during accumulative roll bonding of Al/Al₂O₃ nanofibre composites

Pramono, Agus; Kollo, Lauri; Veinthal, Renno Proceedings of the Estonian Academy of Sciences 2016 / p. 132-137 : ill
https://artiklid.elnet.ee/record=b2768216*est <https://doi.org/10.3176/proc.2016.2.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How do simple wave models perform compared with sophisticated models and measurements in the Gulf of Finland?

Männikus, Rain; Soomere, Tarmo; Suursaar, Ülo Estonian journal of earth sciences 2024 / p. 98-111
<https://doi.org/10.3176/earth.2024.10>

Human-robot interaction : a conceptual framework for safety/risk analysis

Matsulevitš, Johannes; Majak, Jüri; Eerme, Martin; Sarkans, Martinš; Dunajeva, Olga; Kristjuhan-Ling, Kadri; Raamets, Tõnis; Kekšin, Vjatšeslav Proceedings of the Estonian Academy of Sciences 2025 / p. 137-142
<https://doi.org/10.3176/proc.2025.2.09>

Hydrological conditions in the salmon rivers

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

Ice deformation in the Gulf of Finland in the severe winter of 2002/2003

Pärm, Ove; Haapala, Jari Estonian journal of earth sciences 2013 / p. 15-25 : ill https://artiklid.elnet.ee/record=b2607202*est
<https://doi.org/10.3176/earth.2013.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

Increasing renewable fraction by smoothing consumer power charts in grid-connected wind-solar hybrid systems

Annuk, Andres; Tammaja, Heiki Oil shale 2013 / p. 257-267 : ill https://artiklid.elnet.ee/record=b2631746*est
<https://doi.org/10.3176/oil.2013.2S.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indoor climate conditions and hygrothermal loads in historic wooden apartment buildings in cold climates

Arumägi, Endrik; Kalamees, Targo; Kallavus, Urve Proceedings of the Estonian Academy of Sciences 2015 / p. 146-156 : ill https://artiklid.elnet.ee/record=b2727447*est <https://doi.org/10.3176/proc.2015.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of accelerated weathering on the mechanical and physical properties of wood-plastic composites

Kallakas, Heikko; Poltimäe, Triinu; Süld, Tiia-Maaja; Kers, Jaan; Krumme, Andres Proceedings of the Estonian Academy of Sciences 2015 / p. 94-104 : ill <https://doi.org/10.3176/proc.2015.1S.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Influence of guar gum/furcellaran and guar gum/carrageenan stabilizer systems on the rheological and sensorial properties of ice cream during storage

Klesment, Tiina; Stekolštšikova, Jelena; **Laos, Katrin** Proceedings of the Estonian Academy of Sciences 2014 / p. 193-198 : ill https://artiklid.elnet.ee/record=b2673982*est <https://doi.org/10.3176/proc.2014.2.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Initial adjustment of underwater profiles after nourishment in a mild wave climate : a case study near Klaipėda, the Baltic Sea

Šakurova, Ilona; Kondrat, Vitalijus; Baltranaite, Egle; Gardauske, Vita; Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo; Parnell, Kevin Ellis** Estonian journal of earth sciences 2025 / p. 22 - 33 <https://doi.org/10.3176/earth.2025.02>

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](#)

Interdependence between point load index, compressive strength and crushing resistance of Jordan oil shale and relation to calorific value

Väizene, Vivika; Valgma, Ingo; Reinsalu, Enno; Pastarus, Jüri-Rivaldo; Kaisla, Erkki Oil shale 2015 / p. 252-268 : ill https://artiklid.elnet.ee/record=b2727638*est <https://doi.org/10.3176/oil.2015.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal stratification of two thick Ordovician bentonites of Estonia : deciphering primary magmatic, sedimentary, environmental and diagenetic signatures

Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo; Hints, Rutt Estonian journal of earth sciences 2015 / p. 140-158 : ill https://artiklid.elnet.ee/record=b2727638*est <https://doi.org/10.3176/earth.2015.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An international hands-on IoT education platform towards Industry 5.0

Sell, Raivo; Czekalski, Piotr; Tokarz, Krzysztof; Kuaban, Godlove Suila; Nikitenko, Agris; Berkolds, Karlis; Lipka, Lukasz Proceedings of the Estonian Academy of Sciences 2025 / p. 198–204 <https://doi.org/10.3176/proc.2025.2.21>

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](#)

Ionic liquids as solvents for making composite materials from cellulose

Elhi, Fred; **Aid, Tiina; Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2016 / p. 255-266 : ill
<https://doi.org/10.3176/proc.2016.3.09> https://artiklid.elnet.ee/record=b2798397*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Jean Monnet before the first European community : a historical perspective and critic

Ramiro Troitino, David Trames 2017 / p. 193-213 http://www.ester.ee/record=b1073095*est <https://doi.org/10.3176/tr.2017.3.01> [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>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Leaching behaviour of Estonian oil shale ash-based construction mortars

Irha, Natalja; **Uibu, Mai;** Jefimova, Jekaterina; **Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik** Oil shale 2014 / p. 394-411 : ill https://artiklid.elnet.ee/record=b2704135*est <https://doi.org/10.3176/oil.2014.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Leaching thermodynamics and kinetics of oil shale waste key components

Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Velts-Jänes, Olga; Kuusik, Rein, keemik Oil shale 2016 / p. 80-99 : ill
https://artiklid.elnet.ee/record=b27260706*est <https://doi.org/10.3176/oil.2016.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Legacy of Nikolai Alumäe : theory of shells

Engelbrecht, Jüri; Kutser, Mati Proceedings of the Estonian Academy of Sciences 2015 / p. 139-145
https://artiklid.elnet.ee/record=b2727446*est <https://doi.org/10.3176/proc.2015.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lessons learnt from the first public buildings in Estonia intended to be passive houses

Raide, Indrek; Kalamees, Targo; Muring, Tõnu Proceedings of the Estonian Academy of Sciences 2015 / p. 157-167 : ill
https://artiklid.elnet.ee/record=b2727449*est <https://doi.org/10.3176/proc.2015.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Life cycle assessment of laboratory-scale chitosan production: comparison of high-pressure processing-assisted and conventional methods

Bashiri, Bashir; Pinheiro, Ana Cristina De Aguiar Saldanha; Tappi, Silvia; Rocculi, Pietro; **Kaleda, Aleksei; Vilu, Raivo** Proceedings of the Estonian Academy of Sciences 2025 / p. 1-14 : ill <https://doi.org/10.3176/proc.2025.1.01>

Lightweight CNN-based Microfluidic Droplet Classification for Portable Imaging Flow Cytometry

Afrin, Fariha; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas Proceedings of the Estonian Academy of Sciences 2025 / p. 302-311 <https://doi.org/10.3176/proc.2025.2S.05>

Linear inequalities via least squares

Übi, Evald Proceedings of the Estonian Academy of Sciences 2013 / p. 238-248 https://artiklid.elnet.ee/record=b2651803*est
<https://doi.org/10.3176/proc.2013.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linearization by input-output injections on homogeneous time scales

Ciulkin, Monika; Kaparin, Vadim; Kotta, Ülle; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2014 / p. 387-397 https://artiklid.elnet.ee/record=b2707375*est <https://doi.org/10.3176/proc.2014.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low grade fuel - oil shale and biomass co-combustion in CFB boiler

Konist, Alar; Pihu, Tõnu; Nešumajev, Dmitri; Külaots, Indrek Oil shale 2013 / p. 294-304 : ill https://artiklid.elnet.ee/record=b2631751*est <https://doi.org/10.3176/oil.2013.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Main bird excrement contamination type causing insulator flashovers in 110 kV overhead power lines in Estonia

Taklaja, Paul; Oidram, Rein; Niitsoo, Jaan; Palu, Ivo Oil shale 2013 / p. 211-224 : ill https://artiklid.elnet.ee/record=b2631738*est
<https://doi.org/10.3176/oil.2013.2S.03> [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](#)

Mean grain size fluctuations of the siliciclastic component in the Aizpute-41 core : implication for end-Ordovician glaciation

Kiipli, Enli; Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo Estonian journal of earth sciences 2014 / p. 257-263 : ill https://artiklid.elnet.ee/record=b2705898*est <https://doi.org/10.3176/earth.2014.28> [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](#)

Mechanical analysis of multi-surface TPMS lattices for bone applications

Hussainova, I.; Rezapourian, M. Proceedings of the Estonian Academy of Sciences 2025 / p. 222-227
<https://doi.org/10.3176/proc.2025.2.25>

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

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

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](#)

A method for the calculation of defect equilibrium in ZnS:Cu:Al:Bi:Cl

Lott, Kalju; Türm, Leo Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / p. 130-133
https://www.ester.ee/record=b1072099*est

Methodology for the measurement and estimation of pedestrian and cycle traffic at level crossings

Jairus, Tanel; Metlitski, Stanislav; Kask, Mihkel; Kõrbe Kaare, Kati Proceedings of the Estonian Academy of Sciences 2025 / p.

Migration obstacles

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

Mine water as a potential source of energy from underground mined areas in Estonian oil shale deposit

Karu, Veiko; Valgma, Ingo; Kolats, Margit Oil shale 2013 / p. 336-362 : ill https://artiklid.elnet.ee/record=b2631761*est
<https://doi.org/10.3176/oil.2013.2S.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mineral sequestration of CO₂ by carbonation of Ca-rich oil shale ash in natural conditions

Konist, Alar; Maaten, Birgit; Loo, Lauri; Nešumajev, Dmitri; Pihu, Tõnu Oil shale 2016 / p. 248-259 : ill
<https://doi.org/10.3176/oil.2016.3.04> https://artiklid.elnet.ee/record=b2798381*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model matching problem for discrete-time nonlinear systems

Belikov, Juri; Halas, Miroslav; Kotta, Ülle; Moog, Claude Proceedings of the Estonian Academy of Sciences 2015 / p. 457-472 : ill
https://artiklid.elnet.ee/record=b2750720*est <https://doi.org/10.3176/proc.2015.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Modelling of two-dimensional elastic wave propagation with continuous cellular automata

Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences. Engineering 1999 / p. 112-121
<https://doi.org/10.3176/eng.1999.2.02>

Modelling stormwater runoff, quality, and pollutant loads in a large urban catchment

Maharjan, Bharat; Pachel, Karin; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2017 / p. 225-242 : ill
<https://doi.org/10.3176/proc.2017.3.02> http://www.eester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2824298*est [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 particle swarm optimization algorithm based on gravitational field interactions

Spitšakova, Margarita Proceedings of the Estonian Academy of Sciences 2016 / p. 15-27 : ill <https://doi.org/10.3176/proc.2016.1.01>
https://artiklid.elnet.ee/record=b2760709*est [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; Pataraja, 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](#)

A multiproxy study of the Puhmu core section (Estonia, Upper Ordovician) : consequences for stratigraphy and environmental interpretation

Kaljo, Dimitri; Hints, Linda; Martma, Tõnu; Nõlvak, Jaak Estonian journal of earth sciences 2017 / p. 77-92 : ill
<https://doi.org/10.3176/earth.2017.08> [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](#)

New biostratigraphically important chitinozoans from the Kukruse Regional Stage, Upper Ordovician of Baltoscandia

Nõlvak, Jaak; Bauert, Garmen Estonian journal of earth sciences 2015 / p. 218-224 : ill https://artiklid.elnet.ee/record=b2739527*est

A new *Byronia* species from the Late Ordovician of Estonia

Vinn, Olev; Kirsimäe, Kalle; Parry, Luke A.; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 201-206 : ill

<https://doi.org/10.3176/earth.2016.17> https://artiklid.elnet.ee/record=b2809365*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on karksiodus (chondrichthyes) from the main devonian field (East European platform)

Ivanov, Alexander; **Märss, Tiit** Estonian journal of earth sciences 2014 / p. 156-165 : ill <https://doi.org/10.3176/earth.2014.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New Early Katian species of Leptestiidae and Hesperorthidae (Brachiopoda) from Lithuania

Paškevičius, Juozas; **Hints, Linda** Estonian journal of earth sciences 2016 / p. 75-84 : ill <https://doi.org/10.3176/earth.2016.05>

https://artiklid.elnet.ee/record=b2778901*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new Lower Devonian arthrodire (Placodermi) from the NW Siberian Platform

Mark-Kurik, Elga Estonian journal of earth sciences 2013 / p. 131-138 : ill <https://doi.org/10.3176/earth.2013.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new microconchid species from the Silurian of Baltica

Zaton, Michal; Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 115-123 : ill <https://doi.org/10.3176/earth.2016.09>

https://artiklid.elnet.ee/record=b2778953*est [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen isotopes in kukersite and black shale implying Ordovician-Silurian seawater redox conditions

Kiipli, Enli; Kiipli, Tarmo Oil shale 2013 / p. 60-75 : ill https://artiklid.elnet.ee/record=b2604253*est <https://doi.org/10.3176/oil.2013.1.06>

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

Nonlinear dispersive wave equations for microstructured solids

Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences 2015 / p. 203-211 https://artiklid.elnet.ee/record=b2740520*est

<https://doi.org/10.3176/proc.2015.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Stivrīns, Normunds Estonian journal of earth sciences 2023 / p. 226-235 <https://doi.org/10.3176/earth.2023.87> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#)

Novel droop control strategy for indirect battery management in DC nanogrids

Roasto, Indrek; Vinnikov, Dmitri; Blinov, Andrei Proceedings of the Estonian Academy of Sciences 2024 / p. 345-355

<https://doi.org/10.3176/proc.2024.4.03>

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

Kõrgmaa, Vallo; Tenno, Taavo; Pachel, Karin; Iital, 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](#)

[Journal metrics at WOS](#)

Numerical modeling of fragment flight dynamics

Kivistik, Lenart; Mehrparvar, Marmar; Eerme, Martin; Dieves, Veiko; Majak, Jüri Proceedings of the Estonian Academy of Sciences 2025 / p. 120-125 <https://doi.org/10.3176/proc.2025.2.06>

[Journal metrics at WOS](#)

Numerical simulation of grid-generated turbulent particulate flow by three-dimensional Reynolds stress

Kartušinski, Aleksander; Rudi, Ülo; Stock, David; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Šablinski, Aleksandr Proceedings of the Estonian Academy of Sciences 2013 / p. 161-174 : ill <https://doi.org/10.3176/proc.2013.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#)

Numerical simulation of the propagation of ship-induced Riemann waves of depression into the Venice Lagoon

Rodin, Artem; Soomere, Tarmo; Parnell, Kevin Ellis; Zaggia, Luca Proceedings of the Estonian Academy of Sciences 2015 / p. 22-35 : ill https://artiklid.elnet.ee/record=b2717480*est <https://doi.org/10.3176/proc.2015.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Journal metrics at WOS](#)

Numerical study of upward particulate pipe flows at a constant Reynolds number

Kartušinski, Aleksander; Rudi, Ülo; Tisler, Sergei; Štšeglov, Igor; Šablinski, Aleksandr Proceedings of the Estonian Academy of Sciences 2025 / p. 120-125 <https://doi.org/10.3176/proc.2025.2.06>

of Sciences 2013 / p. 97-108 : ill <https://doi.org/10.3176/proc.2013.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observable space of the nonlinear control system on a homogeneous time scale

Kaparin, Vadim; Kotta, Ülle; Wyrwas, Malgorzata Proceedings of the Estonian Academy of Sciences 2014 / p. 11-25

https://artiklid.elnet.ee/record=b2665198*est <https://doi.org/10.3176/proc.2014.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [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

2008

Oil shale

2003

Oil Shale

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

Oil shale

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

Oil shale ash based stone formation - hydration, hardening dynamics and phase transformations

Raado, Lembi-Merike; Kuusik, Rein, keemik; Hain, Tiina; Uibu, Mai; Somelar, Peeter Oil shale 2014 / p. 91-101 : ill

https://artiklid.elnet.ee/record=b2664060*est <https://doi.org/10.3176/oil.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale pulverized firing : boiler efficiency, ash balance and flue gas composition

Konist, Alar; Pihu, Tõnu; Nešumajev, Dmitri; Siirde, Andres Oil shale 2013 / p. 6-18 : ill https://artiklid.elnet.ee/record=b2604229*est

<https://doi.org/10.3176/oil.2013.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale related fundamental research and industry development

Siirde, Andres Oil shale 2015 / p. 1-4 https://artiklid.elnet.ee/record=b2716290*est <https://doi.org/10.3176/oil.2015.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On chaos control in hierarchical multi-agent systems

Källo, Rommi; Eerme, Martin; Reedik, Vello Proceedings of the Estonian Academy of Sciences 2015 / p. 17-21 : ill

https://artiklid.elnet.ee/record=b2717478*est <https://doi.org/10.3176/proc.2015.1.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups $C_4 \times C_2 \times C_2$

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2014 / p. 105-120

https://artiklid.elnet.ee/record=b2673949*est <https://doi.org/10.3176/proc.2014.2.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups $C_8 \times C_2$

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2014 / p. 355-371

<https://doi.org/10.3176/proc.2014.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 32 with maximal subgroups C_{24} or C_{42}

Puusemp, Piret; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2016 / p. 1-14

<https://doi.org/10.3176/proc.2016.1.04> https://artiklid.elnet.ee/record=b2760708*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of order 36

Leibak, Alar; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2016 / p. 237-254

<https://doi.org/10.3176/proc.2016.3.06> https://artiklid.elnet.ee/record=b2798395*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of orders 37-47

Leibak, Alar; Puusemp, Peeter Proceedings of the Estonian Academy of Sciences 2017 / p. 137-150

<https://doi.org/10.3176/proc.2017.2.04> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820926*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

On mechanical aspects of nerve pulse propagation and the Boussinesq paradigm

Peets, Tanel; Tamm, Kert Proceedings of the Estonian Academy of Sciences 2015 / p. 331-337 : ill

https://artiklid.elnet.ee/record=b2740556*est <https://doi.org/10.3176/proc.2015.3S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the differentiation of a composite function with a generalized vector argument on homogeneous time scales

Kaparin, Vadim; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2017 / p. 309-322 : tab

<https://doi.org/10.3176/proc.2017.3.04> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2824309*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the effect of finite-time correlations on the turbulent mixing in smooth chaotic compressible velocity fields

Ainsaar, Siim; Kalda, Jaan Proceedings of the Estonian Academy of Sciences 2014 / p. 1-7 : ill

https://artiklid.elnet.ee/record=b2717475*est <https://doi.org/10.3176/proc.2015.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the influence of the rheological boundary conditions on the fibre orientations in the production of steel fibre reinforced concrete elements

Herrmann, Heiko; Lees, Aarne Proceedings of the Estonian Academy of Sciences 2016 / p. 408-413 : ill

<https://doi.org/10.3176/proc.2016.4.08> https://artiklid.elnet.ee/record=b2808646*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the mechanism of the phototoxic action of haematoporphyrin derivative towards tumour cells

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2005 / p. 83-119 : ill https://artiklid.elnet.ee/record=b2345867*est

On the phenomenological modelling of physical phenomena

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2024 / p. 264-278 : ill

<https://doi.org/10.3176/proc.2024.3.10>

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](#)

On the transformation of a nonlinear discrete-time input-output system into the strong row-reduced form

Bartosiewicz, Zbigniew; Belikov, Juri; Kotta, Ülle; Tönso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of

Sciences 2016 / p. 220-236 <https://doi.org/10.3176/proc.2016.3.02> https://artiklid.elnet.ee/record=b2798394*est [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](#)

Optimization of power system operation : editor's page

Tammoja, Heiki Oil shale 2013 / p. 193-194 https://artiklid.elnet.ee/record=b2631735*est <https://doi.org/10.3176/oil.2013.2S.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of reinforcement content of powder metallurgy hardfacings in abrasive wear conditions

Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Viljus, Mart; Tarraste, Marek; Goljandin, Dmitri Proceedings of

the Estonian Academy of Sciences 2016 / p. 90-96 : ill https://artiklid.elnet.ee/record=b2768203*est <https://doi.org/10.3176/proc.2016.2.03> [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>

Overview of the development of cybersecurity in data transmission protocols used in industry

Ponomar, Sergei; Sarkans, Martinš Proceedings of the Estonian Academy of Sciences 2025 / 6, p. 143-148

<https://doi.org/10.3176/proc.2025.2.11>

Oxygen influence on Estonian kukersite oil shale devolatilization and char combustion

Loo, Lauri; Maaten, Birgit; Nešumajev, Dmitri; Konist, Alar Oil shale 2017 / p. 219-231 : ill <https://doi.org/10.3176/oil.2017.3.02>

http://www.ester.ee/record=b1072685*est https://artiklid.elnet.ee/record=b2824314*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Palaeoenvironmental signatures revealed from rare earth element (REE) compositions of vertebrate microremains of the Vesiku Bone Bed (Homerian, Wenlock), Saaremaa Island, Estonia

Fadel, Alexandre; Žigaitė, Živilė; Blom, Henning; Pérez-Huerta, Alberto; Jeffries, Teresa; **Märss, Tiit**; Ahlberga, Per Erik Estonian Journal of Earth Sciences 2015 / p. 36 - 41 <https://doi.org/10.3176/earth.2015.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoseismic deformations in the Eastern Baltic region (Kaliningrad District of Russia)

Druzhinina, Olga; Bitinas, Albertas; **Molodkov, Anatoli**; Kolesnik, Tatyana Estonian journal of earth sciences 2017 / p. 119-129 : ill <https://doi.org/10.3176/earth.2017.09> http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Parameterization of run-up characteristics for long bell-shaped solitary waves propagating in a bay of parabolic cross-section

Didenkulov, Oleg; **Didenkulova, Irina**; Pelinovsky, Efim Proceedings of the Estonian Academy of Sciences 2015 / p. 234-239 : ill <https://doi.org/10.3176/proc.2015.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A parametric framework for the development of bioelectrical applications : application to a bio-impedance signal simulator

Muhammad, Yar; Annus, Paul; Le Moullec, Yannick; Rang, Toomas Proceedings of the Estonian Academy of Sciences 2016 / p. 345-357 : ill <https://doi.org/10.3176/proc.2016.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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](#)

Petrography and mineralogy of the Attarat Um Ghudran oil shale, Central Jordan

Puura, Väino; **Soesoo, Alvar; Voolma, Margus; Konsa, Mare**; Aosaar, Hardi Oil shale 2017 / p. 110-128 : ill http://www.ester.ee/record=b1072685*est <https://doi.org/10.3176/oil.2017.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase transformation and strength of hydrated circulating fluidised bed combustion ash sediment in an open environment over 15 years: implications for the long-term stability of ash waste plateaus

Konist, Alar; Paaver, Peeter; **Pihu, Tõnu**; Kirsimäe, Kalle Oil Shale 2024 / p. 145-162 : ill <https://doi.org/10.3176/oil.2024.3.01> https://www.ester.ee/record=b1072685*est

Photodynamic therapy of tumours with chlorin-e6 is pH dependent

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2003 / p. 40-54 : ill https://artiklid.elnet.ee/record=b1011900*est

Physical and thermodynamic properties of kukersite pyrolysis shale oil : literature overview

Oja, Vahur; Rooleht, Ruth; Baird, Zachariah Steven Oil shale 2016 / p. 184-197 : ill <https://doi.org/10.3176/oil.2016.2.06> https://artiklid.elnet.ee/record=b2778471*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plasma-transferred arc-welded composite hardfacings with ZrB₂ and TiC reinforcements

Melakh, Liudmyla; Surzhenkov, Andrei; Juhani, Kristjan; Viljus, Mart; Traksmaa, Rainer; Vedel, Dmytro Proceedings of the Estonian Academy of Sciences 2025 / p. 165-169 <https://doi.org/10.3176/proc.2025.2.15>

Pollution sources and load on rivers

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

Polynomial accessibility condition for the multi-input multi-output nonlinear control system

Kotta, Ülle; Tõnso, Maris; Kawano, Yu Proceedings of the Estonian Academy of Sciences 2014 / p. 136-150

https://artiklid.elnet.ee/record=b2673962*est <https://doi.org/10.3176/proc.2014.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A polynomial approach to a nonlinear model matching problem

Belikov, Juri; Halas, Miroslav; **Kotta, Ülle;** Moog, Claude Proceedings of the Estonian Academy of Sciences 2016 / p. 330-344 : ill

<https://doi.org/10.3176/proc.2016.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possible agricultural use of digestate

Kuusik, Argo; Pachel, Karin; Kuusik, Aare; Loigu, Enn Proceedings of the Estonian Academy of Sciences 2017 / p. 64-74 : ill

<https://doi.org/10.3176/proc.2017.1.10> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2816061*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Predictive tools for the isothermal hardening of strip steel parts in molten salt

Jaason, Karli; Peetsalu, Priidu; Saarna, Mart; Beilmann, Jüri Proceedings of the Estonian Academy of Sciences 2016 / p. 152-

158 : ill https://artiklid.elnet.ee/record=b2768223*est <https://doi.org/10.3176/proc.2016.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Preface

Engelbrecht, Jüri; Maugin, Gerard A. Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / p. 73-74

https://www.ester.ee/record=b1072098*est

Preparation of metal-doped carbon aerogels from oil shale processing by-products

Kreek, Kristiina; Kulp, Maria; Uibu, Mai; Mere, Arvo; Koel, Mihkel Oil shale 2014 / p. 185-194 : ill

https://artiklid.elnet.ee/record=b2673721*est <https://doi.org/10.3176/oil.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Primary method for reduction of SO₂ emission in pulverized oil shale-fired boilers at Narva power plants : test 1 - water injection after superheater

Karolin, Robert; Latõšov, Eduard; Kleesmaa, Jüri Oil shale 2017 / p. 70-81 : ill <https://doi.org/10.3176/oil.2017.1.05>

https://artiklid.elnet.ee/record=b2816466*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Principal component analysis of HPLC-MS/MS patterns of wheat (Triticum aestivum) varieties

Levandi, Tuuli; Püssa, Tõnu; Vaher, Merike; Ingver, Anne; Koppel, Reine; **Kaljurand, Mihkel** Proceedings of the Estonian

Academy of Sciences 2014 / p. 86-92 : ill https://artiklid.elnet.ee/record=b2665228*est <https://doi.org/10.3176/proc.2014.1.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Proceedings of the Estonian Academy of Sciences. Chemistry

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

Proceedings of the Estonian Academy of Sciences. Chemistry

2001

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 and modification

Snatkin, Aleksei; Eiskop, Tanel; Karjust, Kristo; Majak, Jüri Proceedings of the Estonian Academy of Sciences 2015 / p. 567-580 : ill https://artiklid.elnet.ee/record=b2750888*est <https://doi.org/10.3176/proc.2015.4S.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Quantification of changes in the beach volume by the application of an inverse of the Bruun Rule and laser scanning technology

Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev Proceedings of the Estonian Academy of Sciences 2015 / p. 240-248 : ill https://artiklid.elnet.ee/record=b2740531*est <https://doi.org/10.3176/proc.2015.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantification of oil shale industry ash flows – their chemical and mineralogical composition

Ummik, Mari-Liis; Tamm, Kadriann; Järvik, Oliver; Nešumajev, Dmitri; Roosalu, Kati; Pihu, Tõnu; Konist, Alar Oil shale 2025 / p. 129-166 <https://doi.org/10.3176/oil.2025.2.01>

Rapid semi-quantitative determination of aspen lignin in lignocellulosic products

Kallavus, Urve; Kärner, Kristi; Kärner, Kärt; Elomaa, Matti Antero Proceedings of the Estonian Academy of Sciences 2015 / p. 105-112 : ill <https://doi.org/10.3176/proc.2015.1S.06> https://artiklid.elnet.ee/record=b2716368*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare earth elements (REEs) in vertebrate microremains from the upper Pridoli Ohesaare beds of Saaremaa Island, Estonia : geochemical clues to palaeoenvironment

Žigaitė, Žilvė; Fadel, Alexandre; Märss, Tiit Estonian journal of earth sciences 2015 / p. 115-120 : ill https://artiklid.elnet.ee/record=b2715987*est <https://doi.org/10.3176/earth.2015.21> [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, Oile; Radzevičius, Sigita Estonian journal of earth sciences 2023 / p. 149

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

Reduction of CO₂ emissions in Estonia during 2000-2030

Agabus, Hannes; Landsberg, Mart; Tammoja, Heiki Oil shale 2007 / p. 209-224 : ill

https://www.researchgate.net/publication/228625117_Reduction_of_CO2_emissions_in_Estonia_during_2000-2030

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](#)

Regime shifts in the surface-level average air flow over the Gulf of Finland during 1981-2010

Keevallik, Sirje; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 428-437 : ill

https://artiklid.elnet.ee/record=b2707382*est <https://doi.org/10.3176/proc.2014.4.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reliability of electric power generation in power systems with thermal and wind power plants

Valdma, Mati; Keel, Matti; Tammoja, Heiki; Kilk, Aleksander Oil shale 2007 / p. 197-208 : ill

https://www.researchgate.net/publication/228623749_Reliability_of_electric_power_generation_in_power_systems_with_thermal_and_wind_plants

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](#)

Replacement of the regulated price of oil shale-based electricity with open-market price and real-time tariff system opportunities

Kivipõld, Tanel; Valtin, Juhan Oil shale 2013 / p. 195-210 : ill https://artiklid.elnet.ee/record=b2631736*est

<https://doi.org/10.3176/oil.2013.2S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reservoir quality and petrophysical properties of Cambrian sandstones and their changes during the experimental modelling of CO₂ storage in the Baltic Basin

Šogenov, Kazbulat; Šogenova, Alla; Vizika-Kavadias, Olga; Nauroy, Jean-Francois Estonian journal of earth sciences 2015 / p. 199-217 : ill

https://artiklid.elnet.ee/record=b2739504*est <https://doi.org/10.3176/earth.2015.27> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of Psammosteus livonicus Obruchev (Agnatha, Heterostraci) from the Devonian Amata regional stage of the NW of the East European platform

Glinskiy, Vadim N.; Mark-Kurik, Elga Estonian journal of earth sciences 2016 / p. 1-18 : ill [10.3176/earth.2016.02](https://doi.org/10.3176/earth.2016.02)

https://artiklid.elnet.ee/record=b2760746*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of Silurian vertebrate biozones and their correlation with the conodont succession

Märss, Tiit; Männik, Peep Estonian journal of earth sciences 2013 / p. 181-204 : ill https://artiklid.elnet.ee/record=b2651564*est

<https://doi.org/10.3176/earth.2013.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of the concept of the orthide brachiopod Cyrtototella in the Middle Ordovician of the East Baltic

Hints, Linda Estonian journal of earth sciences 2014 / p. 63-70 : ill https://artiklid.elnet.ee/record=b2673722*est

<https://doi.org/10.3176/earth.2014.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Risk assessment of machinery supported by the Bayesian approach

Sivitski, Alina; Põdra, Priit Proceedings of the Estonian Academy of Sciences 2025 / p. 92-97 <https://doi.org/10.3176/proc.2025.2.01>

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

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

Shock wave propagation in nonlinear microstructured wool felt

Stulov, Anatoli; Erofeev, Vladimir Proceedings of the Estonian Academy of Sciences 2015 / p. 361-367 : ill

https://artiklid.elnet.ee/record=b2740570*est <https://doi.org/10.3176/proc.2015.3S.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Significant impact of the Rh blood group and gender on influenza infection in Estonia

Kärdi, Liina; Nutt, Anu; Suurväli, Jaanus; Siimut, Siim Erik; Põdersoo, Diivi; Saar, Tiiu; Tiivel, Toomas, geenit.; Rüütel

Boudinot, Sirje Proceedings of the Estonian Academy of Sciences 2016 / p. 195-204 : ill <https://doi.org/10.3176/proc.2016.3.04>

https://artiklid.elnet.ee/record=b2798391*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian bentonites in Lithuania : correlations based on sanidine phenocryst composition and graptolite biozonation - interpretation of volcanic source regions

Kiipli, Tarmo; Radzevičius, Sigitas; Kallaste, Toivo Estonian journal of earth sciences 2014 / p. 18-29 : ill

https://artiklid.elnet.ee/record=b2663120*est <https://doi.org/10.3176/earth.2014.02> [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](#)

Simulation of solitary wave propagation in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Proceedings of the Estonian Academy of Sciences 2015 / p. 297-303 : ill

<https://doi.org/10.3176/proc.2015.3.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Situational awareness in autonomous shuttle buses

Kalda, Krister; Koskinen, Kari M.; Sarv, Lill; Sell, Raivo Proceedings of the Estonian Academy of Sciences 2025 / p. 212-216

<https://doi.org/10.3176/proc.2025.2.23> https://kirj.ee/wp-content/plugins/kirj/pub/proc-2-2025-212-216_20250519131011.pdf?v=a57b8491d1d8

Software-based self-test generation for microprocessors with high-level decision diagrams

Jasnetski, Artjom; Ubar, Raimund-Johannes; Tšertov, Anton; Brik, Marina Proceedings of the Estonian Academy of Sciences

2014 / p. 48-61 : ill https://artiklid.elnet.ee/record=b2665215*est <https://doi.org/10.3176/proc.2014.1.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soil invertebrates in semi-coke heaps of Estonian oil shale industry

Kalda, Kai; Ivask, Mari; Kutti, Sander; Kuu, Annely; Meriste, Mart; Nei, Lembit; Peda, Jane; Raukas, Anto Oil shale 2015 / p.

82-97 : ill https://artiklid.elnet.ee/record=b2716302*est <https://doi.org/10.3176/oil.2015.1.06> [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](#)

Solvent swelling of kukersite oil shale macromolecular organic matter in binary mixtures : impact of specifically interacting solvents

Hruljova, Jelena; Savest, Natalja; Yanchilin, Alexey; Oja, Vahur; Suuberg, Eric M. Oil shale 2014 / p. 365-376 : ill

https://artiklid.elnet.ee/record=b2704126*est <https://doi.org/10.3176/oil.2014.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Some approximate Gauss–Newton-type methods for nonlinear ill-posed problems

Kangro, Inga; Kangro, Raul; Vaarmann, Otu Proceedings of the Estonian Academy of Sciences 2013 / p. 227-237

https://artiklid.elnet.ee/record=b2651797*est <https://doi.org/10.3176/proc.2013.4.03> [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](#)

A sparsely encrusted hardground with abundant Trypanites borings from the Llandovery of the Velise River, western Estonia (Baltica)

Vinn, Olev; Toom, Ursula Estonian journal of earth sciences 2016 / p. 19-26 : ill https://artiklid.elnet.ee/record=b2760752*est

<https://doi.org/10.3176/earth.2016.01> [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](#)

Stability and stabilizability of linear time-delay systems on homogeneous time scales

Belikov, Juri; Bartosiewicz, Zbigniew Proceedings of the Estonian Academy of Sciences 2017 / p. 124–136
<https://doi.org/10.3176/proc.2017.2.02> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820925*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Statistical characteristics of coefficients of a cubic approximation of isotherms of surface active substance films

Averbukh, Elena; Talipova, Tatyana; Kurkin, Andrey; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 417–427 : ill <https://doi.org/10.3176/proc.2014.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Statistics of different public forecast products of temperature and precipitation in Estonia

Keevallik, Sirje; Spirina, Natalja; Sula, Eva-Maria; Vau, Inga Proceedings of the Estonian Academy of Sciences 2014 / p. 174–182 : ill <https://doi.org/10.3176/proc.2014.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure and origin of the Vaivara Sinimäed hill range, Northeast Estonia

Vaher, Rein; Miidel, Avo; Raukas, Anto Estonian journal of earth sciences 2013 / p. 160–170 : ill
https://artiklid.elnet.ee/record=b2624775*est <https://doi.org/10.3176/earth.2013.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure formation and characteristics of chromium carbide-iron-titanium cermets

Kolnes, Märt; Pirso, Jüri; Kübarsepp, Jakob; Viljus, Mart; Traksmäa, Rainer Proceedings of the Estonian Academy of Sciences 2016 / p. 138–143 : ill <https://doi.org/10.3176/proc.2016.2.09> https://artiklid.elnet.ee/record=b2768217*est [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](#)

A study on three-phase ozonation

Munter, Rein; Veressinina, Jelena Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / p. 83–90 : ill
https://www.ester.ee/record=b2035846*est

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](#)

Surface mining technology in the zones of tectonic disturbances, Estonian oil shale deposit

Pastarus, Jüri-Rivaldo; Sõstra, Ülo; Valgma, Ingo; Kolotogina, Ljudmilla; Anepaio, Ain; Vannus, Ants; Nurme, Martin Oil shale 2013 / p. 326–335 : ill https://artiklid.elnet.ee/record=b2631758*est <https://doi.org/10.3176/oil.2013.2S.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainability assessment of Estonian oil shale mining

Šommet, Julija Oil shale 2013 / p. 363–370 : ill https://artiklid.elnet.ee/record=b2631763*est <https://doi.org/10.3176/oil.2013.2S.13> [Journal metrics at WOS](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable phosphate rock mining

Adamson, Alo; Reinsalu, Enno; Juuse, Lauri; Valgma, Ingo Proceedings of the Estonian Academy of Sciences. Engineering 1997 / p. 13–22: ill https://www.ester.ee/record=b1072102*est

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](#)

A synergy code in co-pyrolysis

Johannes, Ille; Palu, Vilja Oil shale 2013 / p. 471–490 : ill https://artiklid.elnet.ee/record=b2651379*est <https://doi.org/10.3176/oil.2013.4.02> [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](#)

Systematic approach to economic regulation of network industries in Estonia
Uukkivi, Raigo; Ots, Märt; Koppel, Ott Trames 2014 / p. 221-241 https://artiklid.elnet.ee/record=b2682780*est
<https://doi.org/10.3176/tr.2014.3.02> [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](#)

Taxonomy of the Sandbian (Upper Ordovician) brachiopod Dalmanella kegelensis Alichova, 1953 and the new genus Alichovella
Hints, Linda Estonian Journal of Earth Sciences 2024 / p. 45-56 : ill https://www.ester.ee/record=b2246661*est
<https://doi.org/10.3176/earth.2024.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Technology for the removal of radionuclides from natural water and waste management : state of the art
Munter, Rein Proceedings of the Estonian Academy of Sciences 2013 / p. 122-132 https://artiklid.elnet.ee/record=b2624277*est
<https://doi.org/10.3176/proc.2013.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temperature extremes and detection of heat and cold waves at three sites in Estonia
Keevallik, Sirje; Vint, Kairi Proceedings of the Estonian Academy of Sciences 2015 / p. 473-479 : ill
https://artiklid.elnet.ee/record=b2750721*est <https://doi.org/10.3176/proc.2015.4.02> [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 cornulitid on the internal surface of the illaenid pygidium from the Middle Ordovician of Estonia
Vinn, Olev; **Toom, Ursula**; Isakar, Mare Estonian journal of earth sciences 2017 / p. 193-197 : ill <https://doi.org/10.3176/earth.2017.19>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The early Katian (Late Ordovician) reefs near Saku, northern Estonia and the age of the Saku Member, Vasalemma Formation
Kröger, Björn; **Hints, Linda; Lehnert, Oliver; Männik, Peep; Joachimski, Michael M.** Estonian journal of earth sciences 2014 / p. 271-276 : ill <https://doi.org/10.3176/earth.2014.30> https://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ecological state of Lake Peipsi (Estonia/Russia) : improvement, stabilization or deterioration?
Blank, Kätlin; **Loigu, Enn**; Laugaste, Reet; Haberman, Jutta Proceedings of the Estonian Academy of Sciences 2017 / p. 18-28 : ill
<https://doi.org/10.3176/proc.2017.1.02> http://www.ester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2816053*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of seasonal changes in stratification on the dynamics of internal waves in the Sea of Okhotsk
Kurkina, Oxana; Talipova, Tatyana; **Soomere, Tarmo**; Kurkin, Andrey; Rybin, Artem Estonian journal of earth sciences 2017 / p. 238-255 : ill <https://doi.org/10.3176/earth.2017.20> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Llandovery-Wenlock boundary interval in west-central continental Estonia : an example from the Suigu (S-3) core section
Männik, Peep; Pöldvere, Anne; **Nestor, Viiv-Kai; Kallaste, Toivo; Kiipli, Tarmo; Martma, Tõnu** Estonian journal of earth sciences 2014 / p. 1-17 : ill https://artiklid.elnet.ee/record=b2663118*est <https://doi.org/10.3176/earth.2014.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The role of silicon in the hot dip galvanizing process
Sepper, Sirli; Peetsalu, Priidu; Kulu, Priit; Saarna, Mart; Mikli, Valdek Proceedings of the Estonian Academy of Sciences 2016 / p. 159-165 : ill https://artiklid.elnet.ee/record=b2768226*est <https://doi.org/10.3176/proc.2016.2.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The trace fossil Zoophycos from the Silurian of Estonia

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2015 / p. 284-288 : ill https://artiklid.elnet.ee/record=b2750892*est
<https://doi.org/10.3176/earth.2015.34> [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 annealing of sequentially deposited SnS thin films

Safonova, Maria; Nair, Padmanabhan Pankajakshy Karunakaran; **Mellikov, Enn**; Aragon, Rebeca; **Kerm, Karin; Naidu, Revathi; Mikli, Valdek; Volobujeva, Olga** Proceedings of the Estonian Academy of Sciences 2015 / p. 488-494 : ill
<https://doi.org/10.3176/proc.2015.4.04> [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; Traksmäa, 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](#)

Thermodynamic behaviour of proton exchange membrane fuel cell under different thermal treatment regimes

Kesküll, Konon; Podgurski, Vitali Proceedings of the Estonian Academy of Sciences 2024 / p. 361-365
<https://doi.org/10.3176/proc.2024.4.05>

Time-efficient automated analysis for fibre orientations in steel fibre reinforced concrete

Pastorelli, Emiliano; Herrmann, Heiko Proceedings of the Estonian Academy of Sciences 2016 / p. 28-36 : ill
<https://doi.org/10.3176/proc.2016.1.02> https://artiklid.elnet.ee/record=b2760711*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TiO₂:Sm³⁺ based luminescent oxygen sensitive probes in LDPE packaging material

Tikk, Taavi; Paara, Tõnis; Eltermann, Marko; **Krumme, Andres**; Jaaniso, Raivo; Kiisk, Valter; Lange, Sven Proceedings of the Estonian Academy of Sciences 2017 / p. 450-454 : ill <https://doi.org/10.3176/proc.2017.4.16> https://artiklid.elnet.ee/record=b2830833*est
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tone bursts in exponentially graded materials characterized by parametric plots

Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences 2013 / p. 258-266 <https://doi.org/10.3176/proc.2013.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tool life in stainless steel AISI 304 : applicability of Colding's tool life equation for varying tool coatings

Johansson, Daniel; Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; **Adoberg, Eron**; Schultheiss, Fredrik Proceedings of the Estonian Academy of Sciences 2016 / p. 172-176 : ill https://artiklid.elnet.ee/record=b2768232*est <https://doi.org/10.3176/proc.2016.2.13>
[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>

Towards effective monitoring of urban stormwater for better design and management

Maharjan, Bharat; Pachel, Karin; Loigu, Enn Estonian journal of earth sciences 2016 / p. 176-199 : ill
<https://doi.org/10.3176/earth.2016.12> https://artiklid.elnet.ee/record=b2802422*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracks of surface drifters from a major fairway to marine protected areas in the Gulf of Finland

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 226-233 : ill https://artiklid.elnet.ee/record=b2740528*est <https://doi.org/10.3176/proc.2015.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transformation of an irregular wave field along a quartic bottom profile

Didenkulova, Irina; Pelinovsky, Efim Proceedings of the Estonian Academy of Sciences 2013 / p. 155-160 : ill
<https://doi.org/10.3176/proc.2013.3.01> [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 : 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>

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

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](#)

Trilobites and biofacies in the Early-Middle Ordovician of Baltica and a brief comparison with the Yangtze Plate

Bergström, Jan; Pärnaste, Helje; Zhiyi, Zhou Estonian journal of earth sciences 2013 / p. 205-230 : ill https://artiklid.elnet.ee/record=b2651566*est <https://doi.org/10.3176/earth.2013.16> [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Upper Sandbian-lower Katian bio- and chemostratigraphy in the Pajevonys-13 core section, Lithuania

Hints, Linda; Paškevičius, Juozas; Martma, Tõnu; Männik, Peep; Nõlvak, Jaak Estonian journal of earth sciences 2016 / p. 85-97 : ill <https://doi.org/10.3176/earth.2016.08> https://artiklid.elnet.ee/record=b2778909*est [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](#)

Validation of the multi-mission altimeter wave height data for the Baltic Sea region

Kudryavtseva, Nadezhda; Soomere, Tarmo Estonian journal of earth sciences 2016 / p. 161-175 : ill <https://doi.org/10.3176/earth.2016.13> https://artiklid.elnet.ee/record=b2802414*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Value-centric business development : descriptive and prescriptive research into five different companies

Kukuškin, Merili; Otto, Tauno; Howard, Thomas J. Proceedings of the Estonian Academy of Sciences 2015 / p. 543-557 : ill https://artiklid.elnet.ee/record=b2750884*est <https://doi.org/10.3176/proc.2015.4S.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vaporization parameters of primary pyrolysis oil from kukersite oil shale

Oja, Vahur Oil shale 2015 / p. 124-133 : ill https://artiklid.elnet.ee/record=b2727432*est <https://doi.org/10.3176/oil.2015.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variability of riparian soil diatom communities and their potential as indicators of anthropogenic disturbances

Vacht, Piret; Puusepp, Liisa; Koff, Tiit; Reitalu, Triin Estonian journal of ecology 2014 / p. 168-184 : ill <https://doi.org/10.3176/eco.2014.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

Water quality

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

Water-column mass losses during the emptying of a large-scale pipeline by pressurized air

Laanearu, Janek; Hou, Qingzhi; **Annus, Ivar;** Tijsseling, Arris S. Proceedings of the Estonian Academy of Sciences 2015 / p. 8-16 : ill https://artiklid.elnet.ee/record=b2717477*est <https://doi.org/10.3176/proc.2015.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Article at WOS](#)

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](#)

Wear resistance of HVOF sprayed coatings from mechanically activated thermally synthesized Cr₃C₂-Ni spray powder

Sarjas, Heikki; Kulu, Priit; Juhani, Kristjan; Viljus, Mart; Matikainen, Ville; Vuoristo, Petri Proceedings of the Estonian Academy of Sciences 2016 / p. 101-106 : ill https://artiklid.elnet.ee/record=b2768209*est <https://doi.org/10.3176/proc.2016.2.10> [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

Verification of modelled locations of coastal areas exposed to current-driven pollution in the Gulf of Finland by using surface drifters

Viikmäe, Bert; Torsvik, Tomas; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2015 / p. 405-416 : ill https://artiklid.elnet.ee/record=b2740578*est <https://doi.org/10.3176/proc.2015.3S.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind fetch effect on underwater wind-driven sound

Prawirasasra, Muhammad Saladin; Mustonen, Mirko; Klauson, Aleksander Estonian journal of earth sciences 2024 / p. 15-25 : ill <https://doi.org/10.3176/earth.2024.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Virtual factory model development for AI-driven optimization in manufacturing

Raamets, Tõnis; Karjust, Kristo; Hermaste, Aigar; Kelpman, Karolin Proceedings of the Estonian Academy of Sciences 2025 / p. 228-233 <https://doi.org/10.3176/proc.2025.2.26>

Virtual labs for higher education in industrial engineering

Terkaj, Walter; Kleine, Kari; **Kuts, Vladimir** Proceedings of the Estonian Academy of Sciences 2024 / p. 142–149 <https://doi.org/10.3176/proc.2024.2.07>

A workflow for extended reality-based learning in engineering education

Kuts, Vladimir; Otto, Tauno; Boychuk, Rostyslav; Mahmood, Kashif; Pizzagalli, Simone Luca Proceedings of the Estonian Academy of Sciences 2025 / p. 103-108 <https://doi.org/10.3176/proc.2025.2.03>

Workplace performance analysis : methods and a system

Lavin, Jaak; Riives, Jüri; Kaganski, Sergei; Lemmik, Rivo; Paavel, Marko; Koov, Kaspar Proceedings of the Estonian Academy of Sciences 2015 / p. 558-566 : ill https://artiklid.elnet.ee/record=b2750887*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

δ13C chemostratigraphy of the Middle and Upper Ordovician succession in the Tartu-453 drillcore, southern Estonia, and the significance of the HICE

Bauert, Heikki; Ainsaar, Leho; Põldsaar, Kairi; Sepp, Siim Estonian journal of earth sciences 2014 / p. 195-200 : ill https://artiklid.elnet.ee/record=b2705791*est <https://doi.org/10.3176/earth.2014.18> [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, Igor; 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