

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, Tiiu; Nestor, Viu-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](#)

Carbon isotope chemostratigraphy and conodonts of the Middle-Upper Ordovician succession in the Tungus Basin, Siberian Craton

Ainsaar, Leho; Männik, Peep; Dronov, Andrei V.; Izokh, Olga P.; Meidla, Tõnu; Tinn, Oive Palaeoworld 2015 / p. 123-135 : ill <https://doi.org/10.1016/j.palwor.2015.03.002> [Journal metrics at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon isotope systematics of the Cambrian-Vendian aquifer system in the northern Baltic Basin : implications to the age and evolution of groundwater

Raidla, Valle; Kirsimäe, Kalle; Vaikmäe, Rein; Kaup, Enn; Martma, Tõnu Applied geochemistry 2012 / p. 2042-2052 : ill <https://doi.org/10.1016/j.apgeochem.2012.06.005>

¹³C- and ¹⁵N-labeling of amyloid- β and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy

Paul, Suman; Jenišťová, Adéla; Vosough, Faraz; Berntsson, Elina; Mörmann, Cecilia; Jarvet, Jüri; Gräslund, Astrid; Wärmländer, Sebastian K.T.S.; Barth, Andreas Communications Chemistry 2023 / art. 163 <https://doi.org/10.1038/s42004-023-00955-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chlorine isotope composition of apatite from the >3.7 Ga isua supracrustal belt, SW Greenland

Wudarska, Alicja; Staby, Ewa; Wiedenbeck, Michael; Birska, Łukasz; Wirth, Richard; Götze, Jens; Lepland, Aivo; Kusebauch, Christof; Kocjan, Izabela Minerals 2020 / Art. 27 <https://doi.org/10.3390/min10010027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area

Freiberg, Rene; Belle, Simon; Poska, Anneli; Agasild, Helen; Aliksaar, Tiiu; Tõnno, Ilmar Quaternary science reviews 2018 / p. 168-176 : ill <https://doi.org/10.1016/j.quascirev.2018.03.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dating the termination of the Palaeoproterozoic Lomagundi-Jatuli carbon isotopic event in the North Transfennoscandian Greenstone Belt

Martin, Adam P.; Condon, Dan J.; Prave, Anthony R.; Melezhik, Victor A.; Lepland, Aivo; Fallick, Anthony Edward Precambrian Research 2013 / p. 160 - 168 <https://doi.org/10.1016/j.precamres.2012.09.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[$\delta^{13}\text{C}$] record of the Upper Ordovician succession of the Borenshult-1 core (Motala, Sweden) and its intracontinental correlation

Lechnert, O.; Calner, M.; Joachimski, Michael M.; Buggisch, W.; Nõlvak, Jaak The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 40

Detection of deuterium retention by LIBS at different background pressures

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; Tufail, Iram; Veis, P. Physica scripta 2017 / art. 014003, 5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of isotope effects on acid-base equilibria by ¹³C NMR spectroscopy

Pehk, Tõnis; Kiirend, E.; Lippmaa, Endel; Ragnarsson, U.; Grehn, L. Journal of the Chemical Society. Perkin transactions 1997 / 2, p. 445-450

Eesti kivimid aitasid lahendada iidse jääaja mõistatust : [artiklis viide Dimitri Kaljole]

Kändler, Tiit Eesti Päevaleht 2010 / lk. 24

A first [$\delta^{18}\text{O}$] record from conodont apatite across the Lower Silurian Ireviken Event in Estonia

Lechnert, O.; Männik, Peep; Joachimski, Michael M.; Buggisch, W. The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 41

First ice core records of NO₃– stable isotopes from Lomonosovfonna, Svalbard

Vega, Carmen Paulina; Pohjola, Veijo Allan; Samyn, Denis; Pettersson, Rickard; Isaksson, Elisabeth; Björkman, Mats P.; Martma, Tõnu; Marca, Alina D.; Kaiser, Jan Journal of Geophysical Research 2015 / p. 313 - 330 <https://doi.org/10.1002/2013JD020930> [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

14,000 years of climate-induced changes in carbon resources sustaining benthic consumers in a small boreal lake (Lake Tollari, Estonia)

Belle, Simon; **Poska, Anneli**; Hossann, Christian; Tõnno, Ilmar Climatic change 2017 / p. 205-219 : ill <https://doi.org/10.1007/s10584-017-2074-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geochemical study of stable carbon and oxygen isotopes in landfilled Ca-rich oil shale ash

Leben, Kristjan; Mõtlep, Riho; Paaver, Peeter; **Konist, Alar**; **Pihu, Tõnu**; Kirsimäe, Kalle Estonian journal of earth sciences 2020 / p. 134-142 : ill <https://doi.org/10.3176/earth.2020.09> https://kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2020/issue_3/earth-2020-3-121-133.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen isotope biogeochemistry of plant waxes in paired lake catchments

Eensalu, Mariliis; Nelson, Daniel B.; Buczynska, Anna; Rach, Oliver; Klein, Eric S.; Dodd, Justin P.; **Poska, Anneli**; Stansell, Nathan D. Organic geochemistry 2023 / art. 104674, 17 p. : ill <https://doi.org/10.1016/j.orggeochem.2023.104674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrothermal regeneration of ammonium as a basin-scale driver of primary productivity

Stüeken, Eva E.; Kirsimäe, Kalle; **Lepland, Aivo**; Prave, Anthony R. Astrobiology 2023 / p. 195-212 <https://doi.org/10.1089/ast.2021.0203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrous Manganese Oxide (HMO) process in potable water treatment for radium, iron and manganese removal

Viisimaa, Marika; Nilb, Nele; Kiisk, Madis; Suursoo, Siiri; **Goi, Anna** 17th European Meeting on Environmental Chemistry, November 30th - December 2nd, 2016, Inverness, Scotland : book of abstracts 2016 / p. 78

Impact of pulsed deuterium plasma irradiation on dual-phase tungsten alloys

Tökke, Siim; Laas, Tõnu; **Primets, Jaanis**; **Mikli, Valdek**; **Antonov, Maksim** Fusion engineering and design 2021 / art. 112215, 10 p. : ill <https://doi.org/10.1016/j.fusengdes.2020.112215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden

Walasek, Natalia; Loydell, David, K.; **Männik, Peep** Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 1-16 : ill <https://doi.org/10.1016/j.palaeo.2018.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Iron isotopes reveal a benthic iron shuttle in the palaeoproterozoic zaonega formation : basinal restriction, euxinia, and the effect on global palaeoredox proxies

Mänd, Kaarel; Lalonde, Stefan V.; Paiste, Kärt; Thoby, Marie; Lumiste, Kaarel; Robbins, Leslie J; Kreitsmann, Timmu; Romashkin, Alexander E.; Kirsimäe, Kalle; **Lepland, Aivo** Minerals 2021 / art. 368, 25 p. : ill <https://doi.org/10.3390/min11040368> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isotoobid Eesti aluspõhja uurimisel : kemostratigraafia ja keskkond

Kaljo, Dimitri; **Martma, Tõnu** Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik] 2011 / lk. 133-140 : ill

Isotoop-paleoklimatoloogia

Vaikmäe, Rein; **Kaup, Enn**; **Martma, Tõnu** Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik] 2011 / lk. 177-184 : ill

Isotopes in Earth Systems, ESIR XII Workshop, Freiberg, Germany, 24-26 July 2013 : abstracts

2013 https://www.ester.ee/record=b5757011*est

Isotopic composition of sulfur as an indicator of anthropogenic sulfate inflow to lake Baikal

Fedorov, Y.A.; Grinenko, V.A.; Krouse, R. Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 27-29

Lateglacial and early Holocene environmental dynamics in northern Lithuania : a multi-proxy record from Ginkunai Lake

Stančikaite, Migle; Šeiriene, Vaida; Kisieliene, Dalia; **Martma, Tõnu**; Kisieliene, Dalia; Zinkute, Rimante; Mažeika, Jonas; Šinkunas, Petras Quaternary International 2015 / p. 44-57 <https://doi.org/10.1016/j.quaint.2014.08.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Latest Ordovician (Katian-Hirnantian) carbon isotope chemostratigraphy of the Oslo-Asker region, Norway

Calner, Mikael; Calner, H.; **Lehnert, Oliver**; Bockelie, F. IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 30

Llandovery carbon isotope trend in Estonia - local versus global signatures and correlation

Martma, Tõnu; **Hints, Olle**; **Kaljo, Dimitri** Joint European Stable Isotope Users group Meeting : JESIUM 2016 : 4-9 September 2016, Ghent University, Gent, Belgium : conference programme & book of abstracts 2016 / p. 206

Llandovery carbon isotope trend in Estonia revisited : local versus global signatures and correlation

Hints, Olle; Kaljo, Dimitri; Männik, Peep; Martma, Tõnu; Ostrov, K.; Tonarova, Petra IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 46

Long-term effects of climate change on carbon flows through benthic secondary production in small lakes

Belle, Simon; Musazzi, Simona; Tõnno, Ilmar; **Poska, Anneli;** Leys, Bérangère; Lami, Andrea Freshwater biology 2018 / p. 530-538 : ill <https://doi.org/10.1111/fwb.13090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lower and Middle Ordovician bio- and chemostratigraphy of the Aizpute-41 drill core, Latvia

Lieffroy, Thibaud; Ainsaar, Leho; **Männik, Peep;** Meidla, Tõnu; **Nõlvak, Jaak; Hints, Olle** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 22 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/71c8154a-ed7-4a3a-9989-88de5c5848f6.pdf>

Lower-Middle Ordovician $\delta^{13}\text{C}$ chemostratigraphy of western Baltica (Jämtland, Sweden)

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver;** Peterffy, Olof; Joachimski, Michael M. Palaeoworld 2014 / p. 110-122 : ill <https://doi.org/10.1016/j.palwor.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marine redox variability from Baltica during extinction events in the latest Ordovician–early Silurian

Young, Seth A.; Benayoun, Emily; Kozik, Nevin P.; **Hints, Olle; Martma, Tõnu;** Bergström, Stig M.; Owens, Jeremy D. Palaeogeography, Palaeoclimatology, Palaeoecology 2020 / art. 109792 <https://doi.org/10.1016/j.palaeo.2020.109792> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measurement report: Spatial variations in ionic chemistry and water-stable isotopes in the snowpack on glaciers across Svalbard during the 2015–2016 snow accumulation season

Barbaro, Elena; Koziol, Krystyna; Björkman, Mats B.; Vega, Carmen Paulina; Zdanowicz, Christian; **Martma, Tõnu** Atmospheric chemistry and physics 2021 / p. 3163-3180 <https://doi.org/10.5194/acp-21-3163-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methanogenesis and metal leaching on anaerobic decomposition of graptolite argillite

Menert, Anne; Korb, Triin; Orupõld, Kaja; Teemusk, Alar; Sepp, Holar; Mander, Ülo; Ilmjärv, Tanel; Truu, Jaak; Paiste, Pääm; Kirsimäe, Kalle; Menert, Terje; **Kamenev, Inna;** Heinaru, Eeva; Heinaru, Ain; Kulli, Sirli Sipp; Kivisaar, Maia Environmental Technology and Innovation 2023 / art. 103139 <https://doi.org/10.1016/j.eti.2023.103139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Middle and Upper Ordovician carbon isotope stratigraphy in Baltoscandia: towards a regional chemostratigraphic standard

Ainsaar, Leho; **Kaljo, Dimitri; Martma, Tõnu;** Meidla, Tõnu The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 9

More about the Ordovician-Silurian transition beds at Mirny Creek, Omulev Mountains, NE Russia: carbon isotopes and conodonts

Kaljo, Dimitri; Männik, Peep; Martma, Tõnu; Nõlvak, Jaak Estonian journal of earth sciences 2012 / p. 277-294 : ill https://artiklid.elnet.ee/record=b2552072*est

Multiple Palaeoproterozoic carbon burial episodes and excursions

Martin, Adam P.; Prave, Anthony R.; Condon, Dan J.; **Lepland, Aivo;** Fallick, Anthony Edward; Romashkin, Alexander E.; Medvedev, Pavel V.; Rychanchik, Dmitry V. Earth and Planetary Science Letters 2015 / p. 226 - 236 <https://doi.org/10.1016/j.epsl.2015.05.023> [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](#)

New data on Ordovician stable isotope record and conodont biostratigraphy from the Viki reference drill core, Saaremaa Island, western Estonia

Hints, Olle; Martma, Tõnu; Männik, Peep; Nõlvak, Jaak; Põldvere, Anne; Shen, Yanan; **Viira, Viive** GFF 2014 / p. 100-104 : ill <https://doi.org/10.1080/11035897.2013.873989> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrate stable isotopes and major ions in snow and ice samples from four Svalbard sites

Vega, Carmen P.; Björkman, Mats P.; Pohjola, Veijo A.; Isaksson, Elisabeth; Pettersson, Rickard; **Martma, Tõnu;** Marca, Alina; Kaiser, Jan Polar Research 2015 / art. 23246 <https://doi.org/10.3402/polar.v34.23246> [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 Huguet; 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](#)

NMR assignment of methyl groups in immobilized proteins using multiple-bond ¹³C homonuclear transfers, proton detection, and very fast MAS
Paluch, Piotr; Augusyniak, Rafal; Org, Mai-Liis; Vanatalu, Kalju; Kaldma, Ats; Samoson, Ago; Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the pH Dependency of the Catalysis by a Lytic Polysaccharide Monooxygenase from the Fungus Trichoderma reesei
Kuusk, Silja; Lipp, Maarja; Mahajan, Surabhi; Väljamäe, Priit ACS Catalysis 2024 / p. 13408-13419 : ill <https://doi.org/10.1021/acscatal.4c03041> [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>

Ordovician-Silurian boundary beds at Neitla, North Estonia: sedimentological and carbon isotopic signatures of events, some consequences
Kaljo, Dimitri; Einasto, R.; Martma, Tõnu The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 29

Origin and formation of methane in groundwater of glacial origin from the Cambrian-Vendian aquifer system in Estonia
Raidla, Valle; Pärn, Joonas; Schloemer, Stefan; Aeschbach-Hertig, Werner; Czuppon, György; Ivask, Jüri; Marandi, Andres; Sepp, Holar; Vaikmäe, Rein; Kirsimäe, Kalle Geochimica et cosmochimica acta 2019 / p. 247-264 : ill <https://doi.org/10.1016/j.gca.2019.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The oxygen isotope composition of earth's oldest rocks and evidence of a terrestrial magma ocean
Rumble, Douglas; Bowring, Samuel A.; Iizuka, Tsuyoshi; Komiya, Tsuyoshi I.; Lepland, Aivo; Rosing, Minik T.; Ueno, Yuichiro Geochemistry, Geophysics, Geosystems 2013 / p. 1929 - 1939 <https://doi.org/10.1002/ggge.20128> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen isotope studies of the largest West Siberian mammoth sites and implications for last glacial maximum climate reconstruction
Krivokorin, Ivan; Amon, Leeli; Leshchinskiy, Sergey V.; Arppe, Laura Quaternary science reviews 2024 / art. 108938, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2024.108938> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paired carbon isotope chemostratigraphy across the Ordovician–Silurian boundary in central East Baltic: Regional and global signatures
Hints, Olle; Ainsaar, Leho; Lepland, Aivo; Liiv, Merlin; Männik, Peep; Meidla, Tõnu; Nõlvak, Jaak; Radzevičius, Sigitas Palaeogeography, palaeoclimatology, palaeoecology 2023 / art. 111640, 17 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paleowaters of glacial origin in the northern part of the Baltic Artesian Basin (BAB) [Online resource]
Pärn, Joonas; Raidla, Valle; Vaikmäe, Rein; Martma, Tõnu; Ivask, Jüri; Kaup, Enn 43rd IAH Congress : Groundwater and Society : 60 years of IAH : September 25-29th 2016, Montpellier, France 2016 / p. [123], abstract no 1524 https://www.cfh-aih.fr/images/DOCS/2-Colloques/Colloque_2016_Montpellier/Site_web/IAH2016_AbstractBOOK.pdf

Přídolí carbon isotope trend and upper Silurian to lowermost Devonian chemostratigraphy based on sections in Podolia (Ukraine) and the East Baltic area
Kaljo, Dimitri; Martma, Tõnu; Grytsenko, Volodymyr; Brazauskas, Antanas; Kaminskas, Donatas Estonian journal of earth sciences 2012 / p. 162-180 : ill https://artiklid.elnet.ee/record=b2533830*est

Recent climate tendencies on an East Antarctic ice shelf inferred from a shallow firn core network
Schlosser, Elisabeth; Anschütz, H.; Divine, Dmitry V.; Martma, Tõnu; Sinisalo, A.; Altnau, S.; Isaksson, Elisabeth Journal of geophysical research 2014 / p. 6549-6562 : ill <https://doi.org/10.1002/2013JD020818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstructing the environmental conditions around the Silurian Ireviken Event using the carbon isotope composition of bulk and palynomorph organic matter

Vandenbroucke, Thijs R. A.; Munnecke, Axel; Leng, Melanie J.; Bickert, Torsten; **Hints, Olle**; Gelsthorpe, David; Maier, Georg; Servais, Thomas *Geochemistry, Geophysics, Geosystems* 2013 / p. 86 - 101 <https://doi.org/10.1029/2012GC004348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconstruction of Phanerozoic climate using carbonate clumped isotopes and implications for the oxygen isotopic composition of seawater

Thiagarajan, Nivedita; **Lepland, Aivo**; Ryb, Uri; Torsvik, Trond H.; Ainsaar, Leho; Hints, Olle; Eiler, John *Proceedings of the National Academy of Sciences of the United States of America* 2024 / art. e2400434121 : ill <https://doi.org/10.1073/pnas.2400434121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of temporal constraints for the Palaeoproterozoic large, positive carbonate carbon isotope excursion (the Lomagundi-Jatuli Event)

Martin, Adam P.; Condon, Daniel J.; Prave, Anthony R.; **Lepland, Aivo** *Earth-Science Reviews* 2013 / p. 242 - 261 <https://doi.org/10.1016/j.earscirev.2013.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sandbian-lower Katian conodont correlation of Baltoscandian Basin

Paiste, Tõnn; **Männik, Peep**; Stouge, Svend; Ainsaar, Leho; Meidla, Tõnu XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 30 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/690f8e32-1800-48f2-85e5-f07cea55ba08.pdf>

Silurian records of carbon and sulfur cycling from Estonia : The importance of depositional environment on isotopic trends

Richardson, Jocelyn A.; Keating, Colin; **Lepland, Aivo**; **Hints, Olle** *Earth and planetary science letters* 2019 / p. 71-82 : ill <https://doi.org/10.1016/j.epsl.2019.01.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Some results in application of carbon isotopes for study of the early Palaeozoic history of Baltica

Martma, Tõnu; **Kaljo, Dimitri** *Isotopes in Earth Systems, ESIR XII Workshop, Freiberg, Germany, 24-26 July 2013 : abstracts* 2013 / 1 p <https://www.etis.ee/Portal/Publications/Display/12355ad6-0224-4710-8108-0770122c3eb4>

Squeezing formaldehyde into C60 fullerene

Vyas, Vijayesh K.; Bacanu, George Razvan; Soundararajan, Murari; Marsden, Elizabeth S.; **Jafari, Tanzeeha**; Shugai, Anna; Light, Mark E.; Nagel, Urmas; Rõõm, Toomas; Levitt, Malcolm H.; Whitby, Richard J. *Nature Communications* 2024 / art. 2515 <https://doi.org/10.1038/s41467-024-46886-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stable isotope tracing uncovers reduced γ -ATP turnover and metabolic flux through mitochondrial-linked phosphotransfer circuits in aggressive breast cancer cells

Klepinin, Aleksandr; **Miller, Sten**; Reile, Indrek; Puurand, Marju; **Rebane-Klemm, Egle**; **Klepinina, Ljudmila**; Vija, Heiki; Zhang, Song; Terzic, Andre; Dzeja, Petras; Kaambre, Tuuli *Frontiers in Oncology* 2022 / art. 892195 <https://doi.org/10.3389/fonc.2022.892195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stratigraphy and facies differences of the Middle Darriwilian Isotopic Carbon Excursion (MDICE) in Baltoscandia

Ainsaar, Leho; Tinn, Oive; Dronov, Andrei V.; **Kiipli, Enli**; Radzevičius, Sigitas; Meidla, Tõnu *Estonian journal of earth sciences* 2020 / p. 214–222 <https://doi.org/10.3176/earth.2020.16> http://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea

Crémière, Antoine; Chand, Shyam; Sahy, Diana; Thorsnes, Terje; **Martma, Tõnu**; Noble, Stephen R.; Pedersen, Jon Halvard; Brunstad, Harald; **Lepland, Aivo** *Marine and Petroleum Geology* 2018 / p. 569-581 <https://doi.org/10.1016/j.marpetgeo.2018.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulfur isotope mass-independent fractionation in impact deposits of the 3.2billion-year-old Mapepe Formation, Barberton Greenstone Belt, South Africa

Van Zuilen, Mark A.; Philippot, P.; Whitehouse, Martin J.; **Lepland, Aivo** *Geochimica et cosmochimica acta* 2014 / p. 429-441 : ill <https://doi.org/10.1016/j.gca.2014.07.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface mass balance and stable oxygen isotope ratios from shallow firn cores on Fimbulisen, East Antarctica

Schlosser, Elisabeth; **Martma, Tõnu** *Annals of glaciology* 2012 / p. 70-78 : ill <https://kirjandus.geoloogia.info/en/reference/24196>

Süsiniku isotoopkoostis ning bioloogiliste markerite jaotumine Balti regiooni naftades ja kivimites

Bondar, J.; Bitjukov, Mihhail; Palu, Vilja; **Liiv, Milana**; Müürisepp, Aleksander-Mati XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 13-14

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](#)

Terminal Ordovician stratigraphy of the Siljan district, Sweden

Ebbestad, Jan Ove R.; Högström, Anette E. S.; Frisk, Åsa M.; **Martma, Tõnu**; Kröger, Björn; **Kaljo, Dimitri**; **Pärmaste, Helje** GFF 2015 / p. 36 - 56 <https://doi.org/10.1080/11035897.2014.945620> [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 first continuous $\delta^{13}\text{C}$ record across the Late Silurian Lau Event on Gotland, Sweden

Younes, Hani; Calner, Mikael; **Lehnert, Oliver** GFF 2017 / p. 63-69 : ill <https://doi.org/10.1080/11035897.2016.1227362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Guttenberg carbon isotope excursion (GICE; Ordovician) in Estonia

Bauert, Heikki; **Hints, Olle**; **Bauert, Garmen**; **Nõlvak, Jaak**; Ainsaar, Leho; **Martma, Tõnu** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 13-14 : ill http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf

The Holocene isotopic record of aquatic cellulose from Lake Äntu Sinijärv, Estonia: Influence of changing climate and organic-matter sources

Street-Perrott, F. Alayne; Holmes, Jonathan A.; Robertson, Iain; Ficken, Katherine J.; Koff, Tiit; **Martma, Tõnu** Quaternary science reviews 2018 / p. 68-83 : ill <https://doi.org/10.1016/j.quascirev.2018.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The late Sandbian/Early Katian carbonate succession in the eastern St.Petersburgregion: the stratigraphic record in the Krapivno 21 drill core

Hints, Linda; **Lehnert, Oliver**; **Nõlvak, Jaak**; **Männik, Peep**; **Pärmaste, Helje**; **Joachimski, Michael M.** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 13 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/16c906be-0636-4d30-95fe-065c76cc887a.pdf>

The succession of Hirnantian events based on data from Baltica : brachiopods, chitinozoans, conodonts, and carbon isotopes

Kaljo, Dimitri; **Hints, Linda**; **Männik, Peep**; **Nõlvak, Jaak** Estonian journal of earth sciences 2008 / 4, p. 197-218 : ill https://artiklid.elnet.ee/record=b1076635*est

Three global carbon isotope shifts in the Silurian of Podolia (Ukraine) : stratigraphical implications

Kaljo, Dimitri; Grytsenko, Volodymyr; **Martma, Tõnu**; **Mõtus, Mari-Ann** Estonian journal of earth sciences 2007 / 4, p. 205-220 : ill

Trace metals and isotopes in Estonian black shales : Cambro-Ordovician shallow water anoxia on the Baltica shelf?

Johnson, Sean C.; McGoldrick, Peter J.; **Sõstra, Ülo** Goldschmidt Conference abstracts : 2016 2016 / p. 1372 <http://goldschmidt.info/2016/uploads/abstracts/finalPDFs/A-Z.pdf>

Tritis ir vandens stabilus izotopai baltijos juroje 2016-2017 metais

Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Jefanova, Olga; Paškauskas, Ričardas; **Martma, Tõnu**; **Liblik, Taavi**; Ezhova, Elena 12-oji nacionalinė jūros mokslų ir technologijų konferencija : Jūros ir krantų tyrimai 2019, 2019 gegužės 9–10d., Klaipėda 2019 / p. 125-128 http://apc.ku.lt/krantai2019/wp-content/uploads/2019/05/knygele_maketas_2019_20180426.pdf

^{226}Ra measurement by LSC as a tool to assess the efficiency of a water treatment technology for removing radionuclides from groundwater

Suursoo, Siiri; Kiisk, Madis; Al-Malahmeh, Amer; Jantsikene, Alar; Putk, Kaisa; **Lumiste, Liie** Applied radiation and isotopes 2014 / p. 57-63 : ill <https://doi.org/10.1016/j.apradiso.2014.01.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unsaturated zone investigations at the two radioactive waste disposal sites

Skuratovic, Zana; Mažeika, Jonas; Petrosius, Rimantas; **Martma, Tõnu** International Symposium on Isotope Hydrology: Revisiting Foundations and Exploring Frontiers, Vienna, Austria, 11 - 15 May 2015 : book of extended Synopses, poster session 2 2015 / p. 114-116 : joon

Upper Sandbian and lower Katian $\delta^{13}\text{C}$ chemostratigraphy in northern Baltoscandian basin reveals gaps and spatial heterogeneity in carbon isotope composition

Hints, Olle; **Bauert, Heikki**; **Martma, Tõnu**; **Bauert, Garmen** IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 108

Upper Silurian stratigraphy of Podolia revisited: Carbon isotopes, bentonites and biostratigraphy

Kaljo, Dimitri; Grytsenko, Volodymyr; **Kallaste, Toivo**; **Kiipli, Tarmo**; **Martma, Tõnu** GFF 2014 / p. 136-141 : ill

<https://doi.org/10.1080/11035897.2013.862850> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using high-resolution tritium profiles to quantify the effects of melt on two Spitsbergen ice cores

Van der Wel, L. G.; **Martma, Tõnu** Journal of glaciology 2011 / p. 1087-1097 : ill <https://research.rug.nl/en/publications/using-high-resolution-tritium-profiles-to-quantify-the-effects-of>

Vertebrate remains and conodonts in the upper Silurian Hamra and Sundre formations of Gotland, Sweden

Bremer, Oskar; Jarochowska, Emilia; **Märss, Tiiu** GFF 2020 / p. 52-80 : ill <https://doi.org/10.1080/11035897.2019.1655790> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

$\delta^{13}\text{C}$ chemostratigraphy in the upper Tremadocian through lower Katian (Ordovician) carbonate succession of the Siljan district, central Sweden

Lehnert, Oliver; Meinhold, Guido; Wu, Rong-Chang; Calner, Mikael; Joachimski, Michael M. Estonian journal of earth sciences 2014 / p. 277-286 : ill <https://doi.org/10.3176/earth.2014.31>

Изотопный состав серы как индикатор поступления антропогенных сульфатов в оз. Байкал

Федоров Ю.А.; Гриненко В.А.; Кроузе Р. VIII симпозиум по проблемам качества воды водоемов : тезисы докладов, Таллинн, 23-25 октября 1990 г 1990 / с. 95-97