

Adaptastat - a new method for optimising of bacterial growth conditions in continuous culture : interactive substrate limitation based on dissolved oxygen measurement

Tomson, Katrin; Barber, Jill; Vanatalu, Kalju Journal of microbiological methods 2006 / 3, p. 380-390 : ill
<https://pubmed.ncbi.nlm.nih.gov/15992952/>

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments

Kananovich, Dzmitry; Elek, Gabor Zoltan; Lopp, Margus; Borovkov, Victor Frontiers in chemistry 2021 / art. 614944
<https://doi.org/10.3389/fchem.2021.614944> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ag nanoparticles on mesoporous carbon support as cathode catalyst for anion exchange membrane fuel cell

Linge, Jonas Mart; Erikson, Heiki; Mooste, Marek; Piirsoo, Helle-Mai; Kaljuvee, Tiit; Kikas, Arvo; Aruväli, Jaan; Kisand, Vambola; Tamm, Aile; Kannan, Arunachala Mada; Tammeveski, Kaido International Journal of Hydrogen Energy 2023 / p. 11058-11070
<https://doi.org/10.1016/j.ijhydene.2022.12.138> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing sediment transport and dissolved oxygen conditions in the western part of the Gulf of Finland

Buschmann, Fred; Laanemets, Jaan; Suursaar, Ülo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 240 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Baltic Sea water tritium and stable isotopes in 2016-2017

Jefanova, Olga; Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Paškauskas, Ričardas; Martma, Tõnu; Liblik, Taavi; Ezhova, Elena Isotopes in environmental and health studies 2020 / p. 193-204 <https://doi.org/10.1080/10256016.2020.1715969> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bifunctional oxygen electrocatalyst based on Fe, Co, and nitrogen co-doped graphene-coated alumina nanofibers for Zn-air battery air electrode

Mooste, Marek; Ahmed, Zubair; Kapitulskis, Pavels; Ivanov, Roman; Treshchalov, Alexey; Piirsoo, Helle-Mai; Kikas, Arvo; Kisand, Vambola; Kukli, Kaupo; Hussainova, Irina; Tammeveski, Kaido Applied Surface Science 2024 / art. 160024
<https://doi.org/10.1016/j.apsusc.2024.160024> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biomass-derived graphene-like catalyst material for oxygen reduction reaction

Kaare, Kätlin; Yu, Eric; Käämbre, Tanel; Volperts, Aleksandrs; Dobeles, Galina; Zhurinsh, Aivars; Niaura, Gediminas; Tamasauskaite-Tamasiunaite, Loreta; Norkus, Eugenijus; Kruusenberg, Ivar ChemNanoMat 2021 <https://doi.org/10.1002/cnma.202000615>

Boron and Fluorine Co-Doped Graphene/Few-Walled Carbon Nanotube Composite as Highly Active Electrocatalyst for Oxygen Reduction Reaction

Raudsepp, Ragle; Türk, Karl-Kalev; Zarmehri, Ehsan; Joost, Urmas; Rauwel, Protima; Saar, Rando; Mäeorg, Uno; Dyck, Alexaner; Bron, Michael; Chen, Zhongming; Noda, Suguru; Kruusenberg, Ivar; Tammeveski, Kaido ChemNanoMat 2024 / art. e202300546, 11 p. : ill <https://doi.org/10.1002/cnma.202300546>

Changing subsurface oxygen conditions in the Baltic Sea basins – analyzing the drivers at different temporal scales = Pinnaaluste hapnikutingimuste muutused Läänemere alambasseinides - erinevatel ajaskaaladel mõju avaldavate tegurite analüüs

Stoicescu, Stella-Theresa 2023 <https://doi.org/10.23658/taltech.48/2023> <https://digikogu.taltech.ee/et/Item/f329b858-a574-485f-a399-3a962def6952> https://www.ester.ee/record=b5638609*est

Characterization of the biological processes of nutrient removal from waste water using OUR, NUR and AUR measurements

Salis, Indrek Tallinna Tehnikaülikooli Toimetised 1994 / lk. 83-91: ill

Chemical oxygen demand as a generalized kinetic parameter for ozonation processes of water solutions and wastewaters

Munter, Rein; Preis, Sergei; Siirde, Enno International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. V-4-1 - V-4-17 : ill

Chemical-looping combustion CO2 ready gas power

Mattisson, Tobias; Adanez, Juan; Proell, Tobias; Kuusik, Rein; Keemik Energy procedia 2009 / p. 1557-1564 : ill
<https://www.sciencedirect.com/science/article/pii/S1876610209002057>

Chemical-looping combustion with natural gas using spray-dried NiO-based oxygen carriers

Linderholm, C.; Lyngfelt, Anders; Beal, C.; Trikkil, Andres; Kuusik, Rein; Keemik; Jerndal, E.; Mattisson, Tobias Carbon dioxide capture for storage in deep geological formations. 3 2009 / [8] p

CO2 transformed into highly active catalysts for the oxygen reduction reaction via low-temperature molten salt electrolysis

Rommel, Anna-Liis; Ratso, Sander; Liivand, Kerli; Danilson, Mati; Kaare, Kätlin; Mikli, Valdek; Kruusenberg, Ivar Electrochemistry

Corrigendum: Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea) [Front. Mar. Sci., 6, (2019), (54)] doi: 10.3389/fmars.2019.00054

Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi Frontiers in Marine Science 2019 / Art. 233

<https://doi.org/10.3389/fmars.2019.00233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of catalysts for oxygen electroreduction: a doping approach = Katalüsaatormaterjalide arendamine hapniku redutseerimise tarvis: dopeerimis põhine lähenemine

Zarmehri, Ehsan 2025 https://www.ester.ee/record=b5762653*est <https://digikogu.taltech.ee/et/Item/e858a3f4-f230-4c7e-ba9e-deeabf721463>

<https://doi.org/10.23658/taltech.69/2025>

Dynamical instability of the apex oxygen by the c-bonds compression in YBaCuO

Klopov, Mihhail; Kristoffel, Nikolai Physica C 1998 / p. 261-264

Dynamical instability of the chain oxygen with softened bonds in the 123-system

Kristoffel, Nikolai; **Klopov, Mihhail;** Rubin, P. Journal of low temperature physics 1996 / 314, p. 849-854

Dynamical stability of chain oxygen with softened bonds in YBa₂Cu₃O_{6+x}

Kristoffel, Nikolai; **Klopov, Mihhail;** Rubin, P. International Conference : Physical and Chemistry of Molecular and Oxide Superconductors, Karlsruhe, August 2-6, 1996 : abstracts 1996

Dynamical stability of the chain oxygen with softened bonds in YBa₂Cu₃O_{6+x}

Kristoffel, Nikolai; **Klopov, Mihhail;** Rubin, P. International Conference "The Role of Dimensionality in Correlated Electronic Systems", Torino, May 6-25, 1996 : abstracts 1996

Eesti geoloog uurib õhuhapniku tekke ajastut : [TÜ Geoloogiainstituudi teadur Aivo Lepland]

Olesk, Arko Postimees 2011 / lk. 6

Electrocatalysis of oxygen reduction on multi-walled carbon nanotube supported copper and manganese phthalocyanines in alkaline media

Kaare, Kätlin; Kruusenberg, Ivar; Merisalu, Mado; Matisen, Leonard; Sammelselg, Väino; Tammeveski, Kaido Journal of solid state electrochemistry 2016 / p. 921–929 : ill <https://doi.org/10.1007/s10008-015-2990-9>

The electrochemical reduction of oxygen on noble metal free and biomass-based carbon nanomaterials = Hapniku elektrokeemiline redutseerumine väärismetalli-vabadel ja biomassil põhinevatel süsiniku nanomaterjalidel

Kaare, Kätlin 2022 <https://doi.org/10.23658/taltech.48/2022> <https://digikogu.taltech.ee/et/Item/0e17c0ff-8910-49a1-a7f3-8525b28b4b77>
https://www.ester.ee/record=b5511685*est

Electrochemical Reduction of Oxygen on Platinum-Modified Carbon Materials = Elektrokeemiline hapniku redutseerumine platinaga modifitseeritud süsinikmaterjalidel

Najafli, Erkin 2025 <https://digikogu.taltech.ee/et/Item/2da3885d-1ab1-4847-8647-ab7629641de8> https://www.ester.ee/record=b5746298*est
<https://doi.org/10.23658/taltech.33/2025>

Electrochemical reduction of oxygen on thin platinum coatings evaporated onto titanium substrate

Tammeveski, K.; Arulepp, M.; Tenno, T. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 149

Electroreduction of oxygen on carbide-derived carbon supported Pd catalysts

Lüsi, Madis; Erikson, Heiki; Sarapuu, Ave; Merisalu, Mado; Rahn, Mihkel; Treshchalov, Alexey; Paiste, Päärn; Käär, Maike; Leis, Jaan; Sammelselg, Väino; **Kaljuvee, Tiit;** Tammeveski, Kaido GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 57 : ill <https://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf> <https://doi.org/10.1002/celc.201902136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elektrokeemiliste hapnikuandurite ja anlüsaatorite väljatöötamine keskkonnakaitse vajadusteks : magistritöö

Jäetma, Teet 1992 https://www.ester.ee/record=b2629917*est

Elu alus. Energia ja energeetika

Palumaa, Peep Horisont 2012 / lk. 10-19 : ill https://artiklid.elnet.ee/record=b2467453*est

Estuarine circulation reversals and related rapid changes in winter near-Bottom oxygen conditions in the Gulf of Finland, Baltic Sea

Liblik, Taavi; Laanemets, Jaan; Raudsepp, Urmas; Elken, Jüri; Suhhova, Irina Ocean Science 2013 / p. 917 - 930

<https://doi.org/10.5194/os-9-917-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring different synthesis parameters for the preparation of metal-nitrogen-carbon type oxygen reduction catalysts

Teppor, Patrick; Jäger, Rutha; Härk, Eneli; Sepp, Silver; Kook, Mati; **Volobujeva, Olga**; Paiste, Päärn; Kochovski, Zdravko; Tallo, Indre; Lust, Enn Journal of the Electrochemical Society 2020 / art. 054513 <https://doi.org/10.1149/1945-7111/ab7093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A first [delta]¹⁸O 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

Functionalization of CO₂-Derived Carbon Support as a Pathway to Enhancing the Oxygen Reduction Reaction Performance of Pt Electrocatalysts

Najafli, Erkin; Ratso, Sander; Foroozan, Amir; Noor, Navid; Higgins, Drew C.; Kruusenberg, Ivar Energy & fuels 2024 / p. 15601-15610 : ill <https://doi.org/10.1021/acs.energyfuels.4c02407>

Hapniku elektrokeemiline redutseerumine titaan-alusele aurustatud õhukestel plaatinakatetel

Tammeveski, K.; Arulepp, M.; Tenno, T. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 137

Hapniku, vesinikperoksiidi ja superoksiidiooni elektrokeemiliste reaktsioonide uurimine õhukestel metallkatetel amperomeetriliste sensorite väljatöötamiseks

Tammeveski, K.; Tenno, T. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 135-137

Hapnikumõõtur

Mägi, Vahur Horisont 1981 / lk. 12-13 : foto https://www.ester.ee/record=b1347160*est <https://www.digar.ee/arhiiv/et/periodika/70423>

High temperature behavior of NiO-based oxygen carriers for chemical looping combustion

Kuusik, Rein, keemik; Triikkel, Andres; Lyngfelt, Anders; Mattisson, Tobias Energy procedia 2009 / p. 3885-3892 : ill

Highly active Fe-N/C oxygen electrocatalysts based on silicon carbide derived carbon

Teppor, Patrick; Jäger, Rutha; Hints, J.; **Volobujeva, Olga**; Valk, Peeter; Koppel, Miriam; Lust, Enn Polymer Electrolyte Fuel Cells & Electrolyzers 20 (PEFC & E 20) 2020 / p. 607 - 615 <https://doi.org/10.1149/09809.0607ecst> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Holocene hydroclimate variability of the Baltic region inferred from stable isotopes, d-excess and multi-proxy data at lake Nuudsaku, Estonia (NE Europe)

Eensalu, Mariliis; Nelson, Daniel B.; Buczynska, Anna; Rach, Oliver; Luoto, Tomi P.; **Poska, Anneli**; Klein, Eric S.; Stansell, Nathan D. Quaternary Science Reviews 2024 / 18 p. : ill <https://doi.org/10.1016/j.quascirev.2024.108736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of active sites for oxygen reduction reaction on nitrogen- and sulfur-codoped carbon catalysts

Villemson, Karl Markus; **Kaare, Kätlin**; Raudsepp, Ragle; Käämbre, Tanel; Šmits, Krišjānis; Wang, Pangpang; Kuzmin, Anton V.; Šutka, Andris; Shaiyan, Bagrat A.; Kruusenberg, Ivar Journal of physical chemistry C 2019 / p. 16065-16074 <https://doi.org/10.1021/acs.jpcc.9b00117>

Implementation of TiO₂ oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation

Kritševskaja, Marina; Moiseev, Anna; **Klauson, Deniss; Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 148 : ill

Implementation of TiO₂ oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation

Kritševskaja, Marina; Moiseev, Anna; **Klauson, Deniss; Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

Influence of copper and oxygen on the optoelectronic properties of chlorine doped CdTe thin films

Valdna, Vello Thin solid films 2001 / p. 192-194 : ill

Influence of copper and oxygen on the optoelectronic properties of chlorine doped CdTe thin films

Valdna, Vello Abstracts E-MRS-IUMRS 2000 / p. N-22

Iron and cobalt containing electrospun carbon nanofibre-based cathode catalysts for anion exchange membrane fuel cell

Sokka, Andri; Mooste, Marek; Käärik, Maike; **Gudkova, Viktoria**; Kozlova, Jekaterina; Kikas, Arvo; Kisand, Vambola; Treshchalov, Alexey; Tamm, Aile; Paiste, Päärn; Aruväli, Jaan; Leis, Jaan; **Krumme, Andres**; Holdcroft, Steven; Cavaliere, Sara; Jaouen, Frederic; Tammeveski, Kaido International Journal of Hydrogen Energy 2021 / p. 31275-31287 <https://doi.org/10.1016/j.ijhydene.2021.07.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Iron triad-based bimetallic M-N-C nanomaterials as highly active bifunctional oxygen electrocatalysts

Alam, Mahboob; Ping, Kefeng; Danilson, Mati; Mikli, Valdek; Käärik, Maike; Leis, Jaan; Aruväli, Jaan; Paiste, Päärn; Rähn, Mihkel;

Sammelselg, Väino; Tammeveski, Kaido; Haller, Steffen; Kramm, Ulrike Ingrid; **Starkov, Pavel**; Kongi, Nadezda ACS Applied Energy Materials 2024 / p. 4076 - 4087 <https://doi.org/10.1021/acsaem.4c00366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kantav hapnikuanalüsaator "Oksimet I"

Marvet, Rein Tehnika ja Tootmine 1980 / lk. 16-17 : ill https://www.ester.ee/record=b1073047*est

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 http://www.jesium2016.eu/assets/bookabstracts_jesium2016_3108.pdf

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

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-ede7-4a3a-9989-88de5c5848f6.pdf>

Nickel and nitrogen-doped bifunctional ORR and HER electrocatalysts derived from CO₂

Remmel, Anna-Liis; Ratso, Sander; Divitini, Giorgio; **Danilson, Mati; Mikli, Valdek; Uibu, Mai**; Aruväli, Jaan; Kruusenberg, Ivar ACS Sustainable Chemistry and Engineering 2022 / p. 134-145 <https://doi.org/10.1021/acssuschemeng.1c05250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operational monitoring of the surface waters of the Baltic Sea with SOOGuard system

Pärt, Siim; Atamanchuk, Dariia; **Kõuts, Tarmo**; Tengberg, Anders 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 173 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Optoelectronic properties of chlorine and oxygen doped CdTe thin films

Valdna, Vello Solar energy materials and solar cells 2005 / p. 369-373 : ill

Oxidation of aqueous p-Nitroaniline by pulsed corona discharge

Jayachandrabal, Balachandramohan; Tikker, Priit; Preis, Sergei Separation and Purification Technology 2022 / Art. nr. 121473 <https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen electroreduction on Zinc and Dilithium phthalocyanine modified multiwalled carbon nanotubes in alkaline media

Türk, Karl-Kalev; Kaare, Kätlin; Kruusenberg, Ivar; Merisalu, Maido; Joost, Urmas; Matisen, Leonard; Sammelselg, Väino; Zagal, José H.; Tammeveski, Kaido Journal of the Electrochemical Society 2017 / p. H338-H344 : ill <https://iopscience.iop.org/article/10.1149/2.0821706jes/pdf>

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](#)

Palaeoclimate inferred from $\delta^{18}\text{O}$ and palaeobotanical indicators in freshwater tufa of Lake Äntu Sinijärv, Estonia

Laumets, Liina; Kalm, Volli; **Poska, Anneli**; Kele, Sándor; Lasberg, Katrin; **Amon, Leeli** Journal of paleolimnology 2014 / p. 99-111 : ill <https://doi.org/10.1007/s10933-013-9758-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peat as a carbon source for non-platinum group metal oxygen electrocatalysts and AEMFC cathodes

Teppor, Patrick; Jäger, Rutha; Paalo, Maarja; Adamson, Anu; Härmas, Meelis; **Volobujeva, Olga**; Aruväli, Jaan; Palm, Rasmus; Lust, Enn International Journal of Hydrogen Energy 2022 / p. 16908 - 16920 <https://doi.org/10.1016/j.ijhydene.2022.03.199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peat-derived carbon-based non-platinum group metal type catalyst for oxygen reduction and evolution reactions

Teppor, Patrick; Jäger, Rutha; Paalo, Maarja; Palm, Rasmus; **Volobujeva, Olga**; Härk, Eneli; Kochovski, Zdravko; Romann, Tavo; Härmas, R.; Aruväli, Jaan; Kikas, Arvo; Lust, Enn Electrochemistry Communications 2020 / art. 106700 <https://doi.org/10.1016/j.elecom.2020.106700> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Performance of TiO₂:Sm³⁺ based optical sensor embedded in cavitated polymer films

Tikk, Taavi; Lange, Sven; Paara, Tõnis; Eltermann, Marko; **Krumme, Andres** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 82 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

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](#)

Simulated halocline variability in the Baltic Sea and its impact on hypoxia during 1961-2007

Väli, Germa; Meier, H. E. Markus; **Elken, Jüri** Journal of Geophysical Research: Oceans 2013 / p. 6982 - 7000 <https://doi.org/10.1002/2013JC009192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial and temporal variability of net accumulation from shallow cores from Vestfonna ice cap (Nordaustlandet, Svalbard)

Beudon, Emilie; **Martma, Tõnu** Geografiska annaler. Series A, Physical geography 2011 / p. 287-299 : ill <https://www.tandfonline.com/doi/abs/10.1111/j.1468-0459.2011.00439.x>

Study of oxygen vacancy dynamics in Sc-doped ceria with NMR techniques = Hapniku vakantsi dünaamika uurimine Sc-lisandiga tseeriumdioksiidis TMR abil

Pöder, Reio 2015 https://www.ester.ee/record=b4494538*est

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>

Sustainable synthesis and dearomatization of oxygen-containing aromatic compounds = Hapnikku sisaldavate aromaatsete ühendite jätkusuutlik süntees ja dearomatiseerimine

Kooli, Anni 2022 <https://doi.org/10.23658/taltech.63/2022> <https://digikogu.taltech.ee/et/Item/2ea7f80b-5fa8-4120-8667-c7d3641bbddc> https://www.ester.ee/record=b5524475*est

Suvisest hapnikukihitusest eutroofsetes järvedes = Über die sommerliche Sauerstoffschichtung in den eutrophen Seen

Riikoja, Heinrich 1929 https://www.ester.ee/record=b1740537*est

Synthesis and characterization of cobalt and nitrogen co-doped peat-derived carbon catalysts for oxygen reduction in acidic media

Jäger, Rutha; Teppor, Patrick; Paalo, Maarja; Härmas, Meelis; Adamson, Anu; **Volobujeva, Olga**; Härk, Eneli; Kochovski, Zdravko; Romann, Tavo; Härmas, Riinu; Aruväli, Jaan; Kikas, Arvo; Lust, Enn Catalysts 2021 / art. 715 <https://doi.org/10.3390/catal11060715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis and characterization of oxygen doped ZnTe for powder phosphor application

Kang, Z.T.; Menkara, H.; Wagner, B.K.; Summers, C.J.; **Valdna, Vello** JMR 2005 / p. 2510-2515

Teadlane vastab : kuidas satub hapnik merede põhja? [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Teadlane vastab: kuidas satub hapnik merede põhja?](#)

Temperatuuri tõstmine kuumutusahjudes hapniku lisandamisega põlemisõhule

Õpik, Ilmar Populaar- ja rakendustehniline kogumik. 1 1949 / lk. 47-48 : ill https://www.ester.ee/record=b1435798*est

The effect of oxygen, ethanol and biomass concentration on growth rate of distillers yeast : the PH-stat study

Kasemets, Kaja; **Laht, Tiit-Maie**; Nisamedtinov, Ildar; **Paalme, Toomas** Yeast as a cell factory : EC Framework IV Symposium, The Netherlands, 30. Nov. - 2. Dec. 1998 : abstract book 1998 / p. 162-164

The hydrographic conditions in the Gulf of Finland in 2014 base on extensive joint monitoring

Myrberg, Kai; **Lips, Urmas**; Korneev, Oleg; Raateoja, Mika; Alenius, Pekka; Bruun, Jan-Erik 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 234 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Thermal analysis of CdTe : CdCl₂ : O₂ annealing process

Hiie, Jaan; **Valdna, Vello** Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume II 2002 / p. 1240-1242 : ill

Transformations of biomass internal oxygen at varied pyrolysis conditions

Luik, Hans; **Johannes, Ille**; **Palu, Vilja**; **Luik, Lea**; **Krusement, Kristjan** 17th International Symposium on Analytical and Applied Pyrolysis : Budapest, Hungary, May 21-26, 2006 : book of abstracts 2006 / p. 139

Transformations of biomass internal oxygen at varied pyrolysis conditions

Luik, Hans; Johannes, Ille; Palu, Vilja; Luik, Lea; Kruusement, Kristjan Journal of analytical and applied pyrolysis 2007 / 1/2, p. 121-127

Transient 3D simulation of 18O concentration by codes MODFLOW2005 and MT3DMS in a regional scale aquifer system : an example from the Estonian Artesian Basin

Vallner, Leo; Ivask, Jüri; Marandi, Andres; Vaikmäe, Rein; Raidla, Valle; Raukas, Anto Estonian journal of earth sciences 2020 / p. 154–174 : ill <https://doi.org/10.3176/earth.2020.11> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Unlocking bifunctional electrocatalytic performance of Co-MOF-Derived catalysts for ORR and OER

Yusibova, Gulnara; Kongi, Nadežda; Karpichev, Yevgen 244th ECS Meeting, Gothenburg, Sweden, October 8-12, 2023 2023 / p. I01E-2036 <https://ecs.confex.com/ecs/244/meetingapp.cgi/Paper/180269>

Unlocking the porosity of Fe–N–C catalysts using hydroxyapatite as a hard template en route to eco-friendly high-performance AEMFCs

Teppor, Patrick; Jäger, Rutha; Koppel, Miriam; Volobujeva, Olga; Palm, Rasmus; Månsson, Martin; Härk, Eneli; Kochovski, Zdravko; Aruväli, Jaan; Kooser, Kuno Journal of power sources 2024 / art. 233816, 11 p. : ill <https://doi.org/10.1016/j.jpowsour.2023.233816> 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; Mazeika, 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

Upcycling Li-Ion Battery Waste into Sustainable Electrocatalysts for Zinc-Air Battery Application = Liitiumioonakude jäätmete väärimine ressursitõhusateks katalüsaatormaterjalideks tsink-õhk akude tarvis

Praats, Reio 2025 https://www.ester.ee/record=b5759684*est <https://digikogu.taltech.ee/et/Item/d902a21f-04e5-4ea7-b4cd-fe03752a55dc> <https://doi.org/10.23658/taltech.66/2025>

Wet air oxidation of oil shale = Põlevkivi oksüdeerimine vees hapniku mõjul

Kaldas, Kristiina 2021 https://www.ester.ee/record=b5472528*est <https://digikogu.taltech.ee/et/Item/7b9a99ef-0748-4eef-beb7-9f0ac88f5ddb> <https://doi.org/10.23658/taltech.59/2021>

Wintertime reversals of estuarine circulation and related changes in oxygen and nutrient conditions in the Gulf of Finland

Lips, Urmas; Laanemets, Jaan; Elken, Jüri; Lips, Inga; Liblik, Taavi; Raudsepp, Urmas; Suhhova, Irina; Buschmann, Fred; Suursaar, Ülo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 94 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Анализатор кислорода с микропроцессором

Ots, Avo; Jäetma, Teet; Marvet, Rein Электрохимические средства анализа и охрана окружающей среды : тезисы докладов всесоюзной конференции, 25-27 июня 1989 г 1989 / с. 111-113 : илл https://www.ester.ee/record=b1208856*est

Взаимодействие газовой среды с поверхностью полупроводниковых соединений типа A2B6

Dambrauskas, R.; Aarna, Heiti XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 26 https://www.ester.ee/record=b1379468*est

Влияние кислорода и муравьиной кислоты на коррозию стали в растворах моноэтаноламина

Ferber, Martsel; Metsik, Rein; Rohumägi, Ene Нефтяная промышленность : реферативный научно-технический сборник. Серия : Коррозия и защита в нефтегазовой промышленности 1978 / с. ?

Влияние кислорода на образование проводящего порошкообразного сульфида кадмия

Hiie, Jaan; Mellikov, Enn; Buzmakova, I. Полупроводниковые материалы. 2 1972 / с. 29-37 : илл https://www.ester.ee/record=b1476073*est <https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Влияние кислорода на фотоэлектрические свойства сульфида кадмия в процессе высокотемпературной кристаллизации

Buzmakova, I.; Hiie, Jaan; Mellikov, Enn XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 24 https://www.ester.ee/record=b1379468*est

Влияние отжига на свойства порошков Cds : Cu : Cl

Tuvike, Tiit; Palmre, Õie; Vallaste, Heikki; Päid, Imbi; Kuusmets, Eela; Petrov, P.I. Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / с. 37-45

Возможности активации никелевых катодов амперометрических датчиков концентрации кислорода
Jäetma, Teet; Marvet, Rein Двойной слой и адсорбция на твердых электродах VII : тезисы докладов всесоюзного симпозиума, 21-23 июня 1985 г 1985 / с. 400-404 <http://hdl.handle.net/10062/55550>

Двоякое действие кислорода в карбонизированных растворах моноэтаноламина
Ferber, Martsel II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 г. : тезисы докладов. Часть 1 1977 / с. 77-78 https://www.ester.ee/record=b1308827*est

Использование метода динамических характеристик при оценке качества амперометрических датчиков концентрации кислорода
Marvet, Rein; Jäetma, Teet Электрохимические и хроматографические методы анализа, их применение в охране окружающей среды 1986 / с. 73-76 : илл <http://hdl.handle.net/10062/33859>

Использование химического потребления кислорода (ХПК) в качестве кинетического параметра озонирования сточных вод
Preis, Sergei; Munter, Rein; Siirde, Enno Процессы и аппараты химической технологии. 1 1987 / с. 76-83

Исследование кинетики фотосорбции кислорода на сульфиде кадмия
Kuut, R.; Aarna, Heiti XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 29 https://www.ester.ee/record=b1379468*est

Исследование скорости потребления кислорода активным илом в аэротехниках-смесителях
Velner, Harald-Adam; Mölder, Heino; Lääne, Ain Водоснабжение и санитарная техника : ВСТ 1973 / с. 12-14 : илл https://www.ester.ee/record=b1447606*est

Механическая активация катодов амперометрических датчиков концентрации кислорода
Marvet, Rein; Jäetma, Teet Электрохимические средства анализа и охрана окружающей среды : тезисы докладов республиканской конференции, 10-11 июня 1986 года 1986 / с. 37-38 https://www.ester.ee/record=b1236277*est

Некоторые мероприятия для уменьшения застарения малых рек
Kuik, Leopold; Rohusaar, Laas; Raia, A. Сборник статей по санитарной технике. 9 1973 / с. 33-38 : илл https://www.ester.ee/record=b2085063*est <https://digikogu.taltech.ee/et/Item/9b086a77-b1d7-44ea-983f-ebf27ffe669b>

О влиянии кислорода воздуха при термическом разложении горючего сланца
Aarna, Agu Сборник статей по химии и технологии горючего сланца. 5 1958 / с. 3-9 https://www.ester.ee/record=b2181274*est <https://digikogu.taltech.ee/et/Item/d4787728-120d-40c7-8299-c6997abc3167>

О зимнем кислородном режиме рек северной Эстонии
Loopmann, August; Kuik, Leopold Материалы III Всесоюзного симпозиума по вопросам самоочищения водоемов и смешения сточных вод, Таллин, 19-21 ноября 1969 г. Ч. 1 1969 / с. 67-75 : таб https://www.ester.ee/record=b1550756*est

О расчете кислородного баланса водотоков загрязняемых сточными водами
Aitsam, Ain; Velner, Harald-Adam; Paal, Leopold Сборник статей по санитарной технике. 1 1964 / с. 109-124 : илл https://www.ester.ee/record=b2085151*est <https://digikogu.taltech.ee/et/Item/56972baf-c3b8-4c5d-a24d-4837b838dacc>

О расчете кислородного баланса водотоков, загрязняемых сточными водами
Velner, Harald-Adam; Aitsam, Ain; Paal, Leopold Доклады республиканской конференции по использованию и охране водных ресурсов Эстонской ССР : (11-13 июня 1964 г.) 1965 / с. 88-90 https://www.ester.ee/record=b1359200*est

О сульфатизации летучей золы эстонских сланцев в атмосфере SO₂+воздух
Arro, Hendrik; Öpik, Ilmar 1958 https://www.ester.ee/record=b1381584*est <https://digikogu.taltech.ee/et/Item/d94e7aac-a84e-4862-a549-2b6efbfde287>

Об окислении низших углеводов кислородом окисей металлов
Raudsepp, Hugo; Mikkal, Maret-Elo Сборник статей по химии и химической технологии. 9 1962 / с. 109-116 https://www.ester.ee/record=b2181586*est <https://digikogu.taltech.ee/et/Item/d0996552-6e32-425c-a38e-d8f33ab8faf6>

Об определении составляющих кислородного баланса реки на основе суточных измерений растворенного O₂
Aitsam, Ain; Kaup, Enn Сборник статей по санитарной технике. 7 1971 / с. 11-20 : илл https://www.ester.ee/record=b2085078*est <https://digikogu.taltech.ee/et/Item/53c66a62-49cf-4ac1-aac1-10a86184e25f/>

Окисление керогена сланца молекулярным кислородом
Alumäe, Tamara 1954 http://www.ester.ee/record=b2134984*est

Окисление керогена сланца молекулярным кислородом : автореферат ... кандидата технических наук

Alumäe, Tamara 1954 http://www.ester.ee/record=b1394897*est

Определение скорости потребления кислорода в системе "Вода - донные отложения"

Ennet, Peeter; Kuslap, Peep Неустановившиеся процессы в системах водоснабжения и водоотведения 1983 / с. 23-29
https://www.ester.ee/record=b1288813*est <https://digikogu.taltech.ee/et/Item/8421bbec-80f9-4a7b-bbfa-deb3bcbf3a68>

Оптимизация процесса обогащения воды воздухом при повышенном давлении

Pikkov, Lui; Roosimölder, Lembit Процессы и аппараты химической технологии. 1 1987 / с. 18-26

Отдача кислорода и скорость всплывания пузырьков воздуха в водных растворах и в сточных водах

Pikkov, Lui Неустановившиеся процессы в системах водоснабжения и водоотведения 1985 / с. 51-58 : ил
https://www.ester.ee/record=b1255730*est <https://digikogu.taltech.ee/et/Item/68ba7b3b-95ab-41aa-9367-4b796e892cbd>

Переносной прибор для определения температуры и концентрации растворенного в воде кислорода

Marvet, Rein; Pahel, H.; Vaus, H. Материалы IV Всесоюзного симпозиума по современным проблемам самоочищения и регулирования качества воды, Таллин, 2-5 октября 1972 г. Секция 2, Химико-биологические аспекты самоочищения рек и водоемов 1972 / с. 58-61 : илл https://www.ester.ee/record=b1326709*est

Пространственное распределение биогенных веществ и растворенного кислорода в водах Нарвского залива

Säärekõnno, Jüri Tallinna Tehnikaülikooli Toimetised 1990 / lk. 22-31: ill

Расчет кислородного режима в водотоке при некоторых элементарных эпюрах впуска сточных вод

Paal, Leopold Сборник статей по санитарной технике. 6 1970 / с. 49-56 https://www.ester.ee/record=b2085097*est
<https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

Расчет кислородного режима водоемов с учетом донных отложений при решении водохозяйственных задач : автореферат ... кандидата технических наук (05.23.04)

Kuslap, Peep 1984 http://www.ester.ee/record=b1268868*est

Расчет кислородного режима водоемов с учетом донных отложений при решении водохозяйственных задач : диссертация ... кандидата технических наук : 05.23.04 - водоснабжение и канализация

Kuslap, Peep 1984 http://www.ester.ee/record=b2421062*est

Свойства и анализ растворов кислородсодержащих органических соединений

1978 https://www.ester.ee/record=b1433416*est <https://digikogu.taltech.ee/et/Item/78c5d1b7-4a2d-4373-be63-6a2203859288>

Свойства растворов кислород- и хлорсодержащих органических соединений

1985 https://www.ester.ee/record=b1245739*est <https://digikogu.taltech.ee/et/Item/3e342ec8-b736-440a-aa0e-6bc8510f5f28>

Свойства растворов кислородсодержащих органических соединений

1981 https://www.ester.ee/record=b1317903*est <https://digikogu.taltech.ee/et/Item/2a7f9dec-9940-4161-83ef-0340bf329d74>

Свойства растворов кислородсодержащих органических соединений

1983 https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Установка для поверки электрохимических анализаторов концентрации кислорода и таблица растворимости кислорода

Kall, R.; Marvet, Rein; Pall, Virve; Rimmel, Vööbe; Jäetma, Teet Электрохимические средства анализа и охрана окружающей среды : тезисы докладов республиканской конференции, 10-11 июня 1986 года 1986 / с. 20-24
https://www.ester.ee/record=b1236277*est

Хемосорбция кислорода на сульфиде кадмия

Aarna, Heiti; Kuk, Peeter-Enn Конференция по оптическим и фотоэлектрическим свойствам в полупроводниках : резюме докладов, София, 18-22 мая, 1971 года 1971 / с. [?]

Хемосорбция кислорода на сульфиде кадмия в зависимости от стехиометрии

Aarna, Heiti; Kuk, Peeter-Enn; Nöges, Märt; Hiie, Jaan Полупроводниковые материалы. 1 1969 / с. 77-81 : илл
https://www.ester.ee/record=b1346474*est <https://digikogu.taltech.ee/et/Item/da24f532-932d-41c5-8925-a52dfa4b18c8/>

Хемосорбция кислорода на сульфиде кадмия в зависимости от температуры

Aarna, Heiti; Kuk, Peeter-Enn; Nöges, Märt Полупроводниковые материалы. 1 1969 / с. 67-75 : илл
https://www.ester.ee/record=b1346474*est <https://digikogu.taltech.ee/et/Item/da24f532-932d-41c5-8925-a52dfa4b18c8/>

Химическое потребление кислорода (ХПК) - основа исследования, разработки и контроля процесса озонирования сточных вод

Preis, Sergei; Siirde, Enno Tallinna Tehnikaülikooli Toimetised 1990 / lk. 34-40: ill

Электрохимический анализатор кислорода

Marvet, Rein; Raudsepp, I.; Tenno, Toomas; **Kuik, Leopold** Материалы XXIII гидрохимического совещания : 12-15 мая 1969 г : (тезисы докладов) 1969 / с. 153-154