

B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons

Laht, Piret; Otsus, Maarja; Remm, Jaanus; **Veske, Andres** Experimental cell research 2014 / p. 174-184 : ill

<https://doi.org/10.1016/j.yexcr.2014.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Can smart specialization and entrepreneurial discovery be organized by the government? Lessons from Central and Eastern Europe

Karo, Erkki; Kattel, Rainer; Cepilovs, Aleksandrs Advances in the theory and practice of smart specialization 2017 / p. 269-292 : tab <https://doi.org/10.1016/B978-0-12-804137-6.00013-9>

Comparison of hyperspectral measurements of the attenuation and scattering coefficients spectra with modeling results in the north-eastern Baltic Sea

Sipelgas, Liis; Raudsepp, Urmas Estuarine, Coastal and Shelf Science 2015 / p. 1-9 <https://doi.org/10.1016/j.ecss.2015.08.008>

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

A comparison of the motions of surface drifters with offshore wind properties in the Gulf of Finland, the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Estuarine, coastal and shelf science 2016 / p. 154-164 : ill

<https://doi.org/10.1016/j.ecss.2016.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition and metabolism of fecal microbiota from normal and overweight children are differentially affected by melibiose, raffinose and raffinose-derived fructans

Adamberg, Kaarel; Adamberg, Signe; Ernits, Karin Anaerobe 2018 / p. 100-110 : ill <https://doi.org/10.1016/j.anaerobe.2018.06.009>

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

Corrigendum to "Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with acoustic neuroma" [Environ. Res. (2020), 187, 109621] (Environmental Research (2020) 187, (S0013935120305144), (10.1016/j.envres.2020.109621))

Carlberg, Michael; **Koppel, Tarmo**; Ahonen, Mikko; Hardell, Lennart Environmental Research 2020 / Art. nr. 109806

<https://doi.org/10.1016/j.envres.2020.109806> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of carcinoembryonic antigen as a tumor marker using a novel graphene-based label-free electrochemical immunosensor

Jozghorbani, Maryam; Fathi, Mojtaba; Kazemi, Sayed Habib; **Alinejadian, Navid** Analytical biochemistry 2021 / art. 114017

<https://doi.org/10.1016/j.ab.2020.114017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distinct characteristics of the substrate binding between highly homologous catalase-related allene oxide synthase and hydroperoxide lyase

Teder, Tarvi; Samel, Nigulas; Lõhelaid, Helike Archives of biochemistry and biophysics 2019 / art. 108126, 10 p. : ill

<https://doi.org/10.1016/j.abb.2019.108126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum to "On δ -derivations of Lie algebras and superalgebras" [J. Algebra 324 (12) (2010) 3470-3486]

Zusmanovich, Pasha Journal of algebra 2014 / p. 545-546 <https://doi.org/10.1016/j.jalgebra.2013.08.036> [Journal metrics at Scopus](#)

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

Experimental investigations of sound reflection from hot and subsonic flow duct termination

Tiikoja, Heiki; Lavrentjev, Jüri; Rämmal, Hans; Abom, Mats Journal of sound and vibration 2014 / p. 788-800 : ill

<https://doi.org/10.1016/j.jsv.2013.09.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extending multi-criteria coastal vulnerability assessment to low-lying inland areas: Examples from Estonia, eastern Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Estuarine, coastal and shelf science 2024 / art. 109014

<https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

H-MAS

Samoson, Ago Journal of magnetic resonance 2019 / p. 167-172 : ill <https://doi.org/10.1016/j.jmr.2019.07.010> [Journal metrics at Scopus](#)

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

^1H line width dependence on MAS speed in solid state NMR - comparison of experiment and simulation

Sternberg, Ulrich; **Witter, Raiker**; Kuprov, Ilya; Lamley, Jonathan M.; **Oss, Andres**; Lewandowski, Jozef R.; **Samoson, Ago** Journal of magnetic resonance 2018 / p. 32-39 : ill <https://doi.org/10.1016/j.jmr.2018.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of surface salinity gradient on dinoflagellate cyst community structure, abundance and morphology in the Baltic Sea, Kattegat and Skagerrak

Sildever, Sirje; Andersen, Thorbjørn Joest; Ribeiro, Sofia; Ellegaard, Marianne Estuarine, Coastal and Shelf Science 2015 / p. 1-7

<https://doi.org/10.1016/j.ecss.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Iron and cobalt phthalocyanine embedded electrospun carbon nanofiber-based catalysts for anion exchange membrane fuel cell cathode

Muuli, Kaur; Sokka, Andri; Mooste, Marek; Lilloja, Jaana; **Gudkova, Viktoria**; Käärrik, Maike; Otsus, Markus; Kikas, Arvo; Kisand, Vambola; Tamm, Aile; Leis, Jaan; **Krumme, Andres** Journal of Catalysis 2023 / p. 117-130 <https://doi.org/10.1016/j.jcat.2023.04.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A method for continuous production of polyacrylamide entrapped enzyme beads

Köstner, Ado; **Mandel, Mihkel** Immobilized enzymes 1976 / p. 191-195

Microbial cancer therapeutics : a promising approach

Diwan, Deepti; Cheng, Lei; **Usmani, Zeba**; Sharma, Minaxi; Holden, Nicola; Willoughby, Nicholas; Sangwan, Neelam; Baadhe, Rama Raju; Liu, Chenchen; Gupta, Vijai Kumar Seminars in Cancer Biology 2022 / p. 931 - 950
<https://doi.org/10.1016/j.semcancer.2021.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecular profile of the rat peri-infarct region four days after stroke : Study with MANF

Teppo, Jaakko; Vaikkinen, Anu; Stratoulas, Vassilis; Mätlík, Kert; **Smolander, Olli-Pekka** Experimental neurology 2020 / art. 113288, 19 p. : ill <https://doi.org/10.1016/j.expneurol.2020.113288> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On approximation properties of generalized Kantorovich-type sampling operators

Orlova, Olga; **Tamberg, Gert** Journal of approximation theory 2016 / p. 73-86 : ill <https://doi.org/10.1016/j.jat.2015.10.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Organic inclusions in Middle and Late Iron Age (5th-12th century) hand-built pottery in present-day Latvia

Dumpe, Baiba; **Stivrinš, Normunds** Journal of Archaeological Science 2015 / p. 239 - 247 <https://doi.org/10.1016/j.jas.2015.03.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

P1-independent replication and local movement of Rice yellow mottle virus in host and non-host plant species

Nummert, Grete; **Sömera, Merike**; **Uffert, Gabriela**; **Abner, Erik**; **Truve, Erkki** Virology 2017 / p. 28-32 : ill
<https://doi.org/10.1016/j.virol.2016.12.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plexin-B3 suppresses excitatory and promotes inhibitory synapse formation in rat hippocampal neurons

Laht, Piret; Tammaru, Epp; Otsus, Maarja; **Rohtla, Johan**; **Tiismus, Liivi**; **Veske, Andres** Experimental cell research 2015 / p. 269-278 : ill <https://doi.org/10.1016/j.yexcr.2015.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

QSAR of heterocyclic compounds in large descriptor spaces

Karelsen, Mati; Dobchev, Dimitar Atanasov Advances in Heterocyclic Chemistry ; Vol. 120 2016 / p. 237 - 273
<https://doi.org/10.1016/bs.aihch.2016.03.006> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

Quantifying exposedness of the eastern Baltic Sea shores with respect to extremely high and low water levels

Viigand, Katri; **Eelsalu, Maris**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2025 / art. 109267
<https://doi.org/10.1016/j.ecss.2025.109267>

Resonant and Z-source multilevel inverters

Husev, Oleksandr; Roncero-Clemente, Carlos Multilevel inverters : introduction and emergent topologies 2021 / p. 217-257
<https://doi.org/10.1016/B978-0-12-821668-2.00014-3>

Restricted ADP movement in cardiomyocytes : cytosolic diffusion obstacles are complemented with a small number of open mitochondrial voltage-dependent anion channels

Simson, Päivo; **Jepihhina, Natalja**; **Laasmaa, Martin**; **Peterson, Pearu**; **Birkedal Nielsen, Rikke**; **Vendelin, Marko** Journal of molecular and cellular cardiology 2016 / p. 197-203 : ill <https://doi.org/10.1016/j.yjmcc.2016.04.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revealing calcium fluxes by analyzing inhibition dynamics in action potential clamp

Laasmaa, Martin; **Birkedal Nielsen, Rikke**; **Vendelin, Marko** Journal of molecular and cellular cardiology 2016 / p. 93-108 : ill
<https://doi.org/10.1016/j.yjmcc.2016.08.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Rounding bias in forecast uncertainty

Levenko, Natalia Research in economics 2020 / p. 277-291 : ill <https://doi.org/10.1016/j.rie.2020.08.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scope for Applying Transgenic Plant Technology for Remediation and Fortification of Selenium

Usmani, Zeba; Kumar, Adarsh; Tripti Transgenic plant technology for remediation of toxic metals and metalloids 2018 / p. 429-461 : ill <http://doi.org/10.1016/B978-0-12-814389-6.00020-1>

Simultaneous flow measurement and deformation tracking for passive flow control experiments involving fluid–structure interactions

Kösters, Wolf Iring; Hoerner, Stefan *Journal of Fluids and Structures* 2023 / art. 103956

<https://doi.org/10.1016/j.jfluidstructs.2023.103956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Single-cell model of prokaryotic cell cycle

Abner, Kristo; Aaviksaar, Tõnis; Adamberg, Kaarel; Vilu, Raivo *Journal of theoretical biology* 2014 / p. 78-87 : ill

<https://doi.org/10.1016/j.jtbi.2013.09.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solemoviruses (Solemoviridae)

Sarmiento Guerin, Maria Cecilia; Sõmera, Merike; Truve, Erkki *Encyclopedia of Virology*, 4th edition 2021 / p. 712-718

<https://www.elsevier.com/books/encyclopedia-of-virology/bamford/978-0-12-814515-9>

Spatial patterns in heavy-mineral concentrations along the Curonian Spit coast, southeastern Baltic Sea

Pupienis, Donatas; Buynevich, Ilya; Ryabchuk, Daria; Jarmalavičius, Darius; Žilinskas, Gintautas; Fedorovič, Julija; **Kovaleva, Olga**; Sergeev, Alexander; Cichoń-Pupienis, Anna *Estuarine, coastal and shelf science* 2017 / p. 41-50 : ill

<https://doi.org/10.1016/j.ecss.2016.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Use of PCR-denaturing gradient gel electrophoresis for the discrimination of Candida species isolated from natural habitats

El-Latif Hesham, Abd; **Gupta, Vijai Kumar**; Singh, Bhim Pratap *Microbial Pathogenesis* 2018 / p. 19-22

<https://doi.org/10.1016/j.micpath.2018.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variations in the mean, seasonal and extreme water level on the Latvian coast, the eastern Baltic Sea, during 1961-2018

Männikus, Rain; Soomere, Tarmo; Viška, Maija *Estuarine, coastal and shelf science* 2020 / art. 106827, 19 p

<https://doi.org/10.1016/j.ecss.2020.106827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)