

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](#)

Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients

Karis, Karina; Eskla, Katri-Liis; Kaare, Maria; Täht, Karin; Tuusov, Jana; Visnapuu, Tanel; Innos, Jürgen; Timmusk, Tõnis *Frontiers in Molecular Neuroscience* 2018 / art. 8 <https://doi.org/10.3389/fnmol.2018.00008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Baltic Sea operational oceanography — a stimulant for regional earth system research

She, Jun; Meier, H.E. Markus; Darecki, Mirosław; Goringe, Patrick; Huess, Vibeke; Kõuts, Tarmo; Reissmann, Jan Hinrich; Tuomi, Laura *Frontiers in Earth Science* 2020 / art. 7 <https://doi.org/10.3389/feart.2020.00007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Battery charger load-following controller for over-voltage and under-voltage conditions

Shahid, Arqum; Manzoor, Sajjad; Khan, Uzair; Majeed, Afraz Hussain; Khan, Ilyas; Mohamed, Abdullah *Frontiers in Energy Research* 2023 / art. 1239271 <https://doi.org/10.3389/fenrg.2023.1239271>

Behavior of Estonian oil shale in acidic oxidative conditions

Niidu, Allan; Grenman, Henrik; Muldma, Kati; Kaldas, Kristiina; Mikli, Valdek; Lopp, Margus *Frontiers in Chemical Engineering* 2022 / art. 590115 <https://doi.org/10.3389/fceng.2022.590115>

Book review of "Lanthanide metal-organic frameworks"

Borovkov, Victor *Frontiers in chemistry* 2015 / p. 1-2 : ill <http://dx.doi.org/10.3389/fchem.2015.00050>

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (Front. Microbiol., (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders *Frontiers in microbiology* 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A cross disciplinary framework for cost-benefit optimization of marine litter cleanup at regional scale

Christensen, Asbjørn; Tsiaras, Kostas; Murawski, Jens; Hatzonikolakis, Yannis; She, Jun; John, Michael St; Lips, Urmas; Brouwer, Roy *Frontiers in marine science* 2021 / art. 744208, 18 p. : ill <https://doi.org/10.3389/fmars.2021.744208> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; Ustrnul, Lukas; Bartkova, Simona; Tõnsuaadu, Kaia; Heinmaa, Ivo; Aav, Riina *Frontiers in chemistry* 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial : Fundamentals and challenges of advanced amorphous and high-entropy alloys

Song, Kaikai; Huang, Yongjiang; Li, Ran; Qiao, Jichao; Wang, Zhi; Prashanth, Konda Gokuldoss; Söpu, Daniel *Frontiers in materials* 2022 / art. 874556, 3 p. : ill <https://doi.org/10.3389/fmats.2022.874556> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial : regulatory networks in genome stability pathways

Ashton, Nicholas W.; Prakash, Aishwarya; Moiseeva, Tatiana *Frontiers in Genetics* 2023 <https://doi.org/10.3389/fgene.2023.1171136>

Editorial : Stimuli-responsive emissive organic and metal-organic compounds

Chen, Zhao; Deng, Dian-Dian; Aav, Riina; Borovkov, Victor; Sun, Yue *Frontiers in chemistry* 2022 / art. 946617
<https://doi.org/10.3389/fchem.2022.946617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial: Past interactions between climate, land use, and vegetation

Marquer, Laurent; Seim, Andrea; Kuosmanen, Niina; Reitalu, Triin; Solomina, Olga; Tallavaara, Miikka *Frontiers in ecology and evolution* 2023 / art. 1116756, 5 p. : ill <https://doi.org/10.3389/fevo.2022.1116756>

Effects of nutrient management scenarios on marine eutrophication indicators : a Pan-European, Multi-Model

Assessment in Support of the Marine Strategy Framework Directive

Friedland, Rene; Macias, Diego; Cossarini, Gianpero; Daewel, Ute; Estournel, Claude; Garcia-Goriz, Elisa; Grizzetti, Bruna; Gregoire, Marilaure; Gustafsson, Bo; **Maljutenko, Ilja**; Pärn, Ove; Pätsch, Johannes; **Raudsepp, Urmas** *Frontiers in marine science* 2021 / 22 p. : map <https://doi.org/10.3389/fmars.2021.596126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endophytic fungi-alternative sources of cytotoxic compounds : a review

Uzma, Faszilath; Mohan, Chakrabhavi D.; Hashem, Arbeer; **Gupta, Vijai Kumar** *Frontiers in pharmacology* 2018 / art. 309, 37 p. : ill <https://doi.org/10.3389/fphar.2018.00309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis

Reinsalu, Leenu; Puurand, Marju; Tšekulajev, Vladimir; **Miller, Sten**; Ševtšuk, Igor; Tepp, Kersti; **Rebane-Klemm, Egle**; Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli *Frontiers in Oncology* 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> [Journal metrics at Journal](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An epigenetic alphabet of crop adaptation to climate change : review article

Guarino, Francesco; Ciciatelli, Angela; Castiglione, Stefano; Agius, Dolores R.; Orhun, Gul Ebru; Fragkostefanakis, Sotirios; Leclercq, Julie; Dobranszki, Judit; **Sömera, Merike**; **Sarmiento Guerin, Maria Cecilia** *Frontiers in Genetics* 2022 / art. 818727 <https://doi.org/10.3389/fgene.2022.818727> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolutionary origin of the P2X7 C-ter region : capture of an ancient ballast domain by a P2X4-Like gene in ancient jawed vertebrates

Rump, Airi; **Smolander, Olli-Pekka**; **Rüütel Boudinot, Sirje**; Kanellopoulos, Jean; Boudinot, Pierre *Frontiers in immunology* 2020 / art. 113, 15 p. : ill <https://doi.org/10.3389/fimmu.2020.00113> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of alternative transcription factor 4 mRNAs and protein isoforms in the developing and adult rodent and human tissues

Sirp, Alex; **Shubina, Anastassia**; Tuvikene, Jürgen; Tamberg, Laura; Kiir, Carl Sander; Kranich, Laura; Timmusk, Tõnis *Frontiers in Molecular Neuroscience* 2022 / art. 1033224 <https://doi.org/10.3389/fnmol.2022.1033224> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Higher education personnel's perceptions about telepresence robots

Leoste, Janika; Virkus, Sirje; **Talisainen, Aleksei**; **Tammemäe, Kalle**; **Kangur, Katrin**; Petriashvili, Izabella *Frontiers in Robotics and AI* 2022 / 14 p. : ill <https://doi.org/10.3389/frobt.2022.976836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-Gain Seven-Level Switched-Capacitor Two-Stage Multi-Level Inverter

Ahmed, Hassan Yousif; **Abdelrahim Abdelghafour, Omar Mohamed**; Ali, Ziad M. *Frontiers in Energy Research* 2022 / art. 869662 <https://doi.org/10.3389/fenrg.2022.869662>

High-resolution characterization of the development and decay of seasonal hypoxia in the Gulf of Riga, Baltic Sea

Liblik, Taavi; **Stoicescu, Stella-Theresa**; Buschmann, Fred; Lilover, Madis-Jaak; Lips, Urmas *Frontiers in marine science* 2023 / art. 1119515 <https://doi.org/10.3389/fmars.2023.1119515>

Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4

Paalme, Viuu; **Rump, Airi**; **Mädo, Kati**; **Teras, Marina**; Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri**; **Rüütel Boudinot, Sirje** *Frontiers in immunology* 2019 / art. 2074, 15 p. : ill <https://doi.org/10.3389/fimmu.2019.02074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of thermohaline conditions on vertical variability of optical properties in the Gulf of Finland (Baltic Sea) : implications for water quality remote sensing

Aavaste, Age; **Sipelgas, Liis**; **Uiboupin, Rivo**; Uudeberg, Kristi *Frontiers in marine science* 2021 / art. 674065 <https://doi.org/10.3389/fmars.2021.674065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An integrated approach to coastal and biological observations

She, Jun; Piniella, Ángel Muñoz; Benedetti-Cecchi, Lisandro; Boehme, Lars; Boero, Ferdinando; Christensen, Asbjorn; Crowe, Tasman; Darecki, Mirosław; Nogueira, Enrique; Gremare, Antoine; Hernandez, Francisco; **Kõuts, Tarmo** *Frontiers in Marine Science* 2019 / Art. nr. 314 <https://doi.org/10.3389/fmars.2019.00314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keeping distance with a telepresence robot : a pilot study

Leoste, Janika; Heidmets, Mati; Virkus, Sirje; **Talisainen, Aleksei**; **Rebane, Martin**; **Kasuk, Tiina**; **Tammemäe, Kalle**; **Kangur, Katrin**; **Kikkas, Kaido**; Marmor, Kristel *Frontiers in education* 2022 / art. 1046461 : ill <https://doi.org/10.3389/feduc.2022.1046461>

Maneuvering on non-Newtonian fluidic terrain : a survey of animal and bio-inspired robot locomotion techniques on soft

yielding grounds

Godon, Simon; Kruusmaa, Maarja; Ristolainen, Asko *Frontiers in Robotics and AI* 2023 / art. 1113881
<https://doi.org/10.3389/frobt.2023.1113881>

Metatranscriptome analysis deciphers multifunctional genes and enzymes linked with the degradation of aromatic compounds and pesticides in the wheat rhizosphere

Singh, Dhananjaya P.; Prabha, Ratna; **Gupta, Vijai Kumar**; Verma, Mukesh K. *Frontiers in microbiology* 2018 / art. 1331, 15 p. : ill
<https://doi.org/10.3389%2Ffmicb.2018.01331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbiome-based solutions to address new and existing threats to food security, nutrition, health and agrifood systems' sustainability

Callens, Karel; Fontaine, Fanette; Sanz, Yolanda; Bogdanski, Anne; D'Hondt, Kathleen; Lange, Lene; Smidt, Hauke; Overbeek, Leo S. van; Kostic, Tanja; **Sarand, Inga** *Frontiers in Sustainable Food Systems* 2022 / art. 1047765
<https://doi.org/10.3389/fsufs.2022.1047765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling cyberspace to determine cybersecurity training requirements

Venables, Adrian *Frontiers in education* 2021 / art. 768037, 16 p. : ill <https://doi.org/10.3389/feduc.2021.768037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modern pollen–plant diversity relationships inform palaeoecological reconstructions of functional and phylogenetic diversity in calcareous fens

Blaus, Ansis; Reitalu, Triin; Gerhold, Pille; Hiiesalu, Inga; Massante, Jhonny Capichoni; **Veski, Siim** *Frontiers in ecology and evolution* 2020 / 22 p. : ill <https://doi.org/10.3389/fevo.2020.00207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Negative correlation between functional connectivity and small-worldness in the alpha frequency band of a healthy brain

Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Raik, Jaan; Bachmann, Maie *Frontiers in Physiology* 2020 / Art. nr. 910
<https://doi.org/10.3389/fphys.2020.00910> [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](#)

Oil spill detection using fluorometric sensors : laboratory validation and implementation to a ferryBox and a moored SmartBuoy

Pärt, Siim; Kankaanpää, Harri; **Björkqvist, Jan-Victor; Uiboupin, Rivo** *Frontiers in marine science* 2021 / art. 778136 : ill
<https://doi.org/10.3389/fmars.2021.778136> <https://www.frontiersin.org/articles/10.3389/fmars.2021.778136/full> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On mathematical modeling of the propagation of a wave ensemble within an individual axon

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri *Frontiers in cellular neuroscience* 2023 / art. 1222785
<https://doi.org/10.3389/fncel.2023.1222785>

PCSK9 deficiency alters brain lipid composition without affecting brain development and function

Pärn, Angela; Olsen, Ditte; **Tuvikene, Jürgen**; Kaas, Mathias; Borisova, Ekaterina; Bilgin, Mesut; Elhauge, Mie; Vilstrup, Joachim; Madsen, Peder; Ambrozkiwicz, Mateusz C.; Goz, Roman U.; **Timmusk, Tõnis**; Tarabykin, Victor; Gustafsen, Camilla; Glerup, Simon *Frontiers in molecular neuroscience* 2023 <https://doi.org/10.3389/fnmol.2022.1084633>

PGC-1 α signaling increases GABA(A) receptor subunit $\alpha 2$ expression, GABAergic neurotransmission and anxiety-like behavior in mice

Vanaveski, Taavi; Molchanova, Svetlana; Pham, Dan Duc; Schäfer, Annika; Pajanoja, Ceren; Narvik, Jane; Srinivasan, Vignesh; Urb, Mari; Koivisto, Maria; **Timmusk, Tõnis** *Frontiers in Molecular Neuroscience* 2021 / art. 588230
<https://doi.org/10.3389/fnmol.2021.588230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pollen-based maps of past regional vegetation cover in Europe over 12 millennia—evaluation and potential

Githumbi, Esther; Pirzamanbein, Behnaz; Lindström, Johan; **Poska, Anneli**; Fyfe, Ralph; Mazier, Florence; Nielsen, Anne Brigitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-José *Frontiers in Ecology and Evolution* 2022 / art. 795794 <https://doi.org/10.3389/fevo.2022.795794> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Post deposition annealing effect on properties of CdS films and its impact on CdS/Sb₂Se₃ solar cells performance

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Basnayaka, Madhawa; Krautmann, Robert; Katerski, Atanas; Josepson, Raavo; Grzibovskis, Raitis; Vembris, Aivars; **Krunks, Malle; Oja Acik, Ilona** *Frontiers in Energy Research* 2023 / art. 1162576, 12 p
<https://doi.org/10.3389/fenrg.2023.1162576>

Preparation and characterization of lignin-derived carbon aerogels

Jõul, Piia; Järvik, Oliver; Lees, Heidi; Kallavus, Urve; Koel, Mihkel; Lukk, Tiit *Frontiers in chemistry* 2024 / art. 1326454
<https://doi.org/10.3389/fchem.2023.1326454>

Propagation of impact of the recent major Baltic inflows from the Eastern Gotland Basin to the Gulf of Finland [Online resource]

Liblik, Taavi; Naumann, Michael; Lips, Urmas; Laanemets, Jaan *Frontiers in marine science* 2018 / art. 222, 23 p. : ill
<https://doi.org/10.3389/fmars.2018.00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A regime shift toward a more anoxic environment in a Eutrophic sea in Northern Europe

Almroth-Rosell, Elin; Wåhlström, Irene; Väli, Germa *Frontiers in marine science* 2021 / art. 799936
<https://doi.org/10.3389/fmars.2021.799936> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revisiting the expression of BDNF and its receptors in mammalian development

Esvald, Eli-Eelika; Tuvikene, Jürgen; Kiir, Carl Sander; Avarlaid, Annela; Tamberg, Laura; Sirp, Alex; Shubina, Anastassia; Cabrera-Cabrera, Florencia; Pihlak, Arno; Koppel, Indrek; Palm, Kaia; Timmusk, Tõnis *Frontiers in Molecular Neuroscience* 2023 <https://doi.org/10.3389/fnmol.2023.1182499>

Screening and growth characterization of non-conventional yeasts in a hemicellulosic hydrolysate

Monteiro de Oliveira, Paola; Aborneva, Daria; Bonturi, Nemailla; Lahtvee, Petri-Jaan *Frontiers in bioengineering and biotechnology* 2021 / art. 659472 <https://doi.org/10.3389/fbioe.2021.659472>

Single-cell RNA-seq analysis and cell-cluster deconvolution of the human preovulatory follicular fluid cells provide insights into the pathophysiology of ovarian hyporesponse

Roos, Kristine; Rooda, Ilmatar; Keif, Robyn-Stefany; Liivrand, Maria; Smolander, Olli-Pekka; Salumets, Andres; Velthut-Meikas, Agne *Frontiers in Endocrinology* 2022 / art. 945347 <https://doi.org/10.3389/fendo.2022.945347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial distribution of energy of subinertial baroclinic motions in the Baltic Sea

Kurkin, Andrey; Rybin, Artem; Soomere, Tarmo; Kurkina, Oxana; Rouvinskaya, Ekaterina *Frontiers in earth science* 2020 / art. 184, 15 p. : ill <https://doi.org/10.3389/feart.2020.00184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatiotemporal variability of microplastics in the Eastern Baltic Sea

Mishra, Arun; Buhhalko, Natalja; Lind, Kati; Lips, Inga; Liblik, Taavi; Väli, Germa; Lips, Urmas *Frontiers in marine science* 2022 / art. 875984 <https://doi.org/10.3389/fmars.2022.875984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stable isotope tracing uncovers reduced γ/β -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](#)

Stratification has strengthened in the Baltic Sea - an analysis of 35 years of observational data

Liblik, Taavi; Lips, Urmas *Frontiers in earth science* 2019 / art. 174, 15 p. : ill <https://doi.org/10.3389/feart.2019.00174> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural and functional features of the P2X4 receptor : an immunological perspective

Kanellopoulos, Jean M.; Almeida-da-Silva, Cassio Luiz Coutinho; Rüütel Boudinot, Sirje; Ojcius, David M. *Frontiers in immunology* 2021 / art. 645834, 21 p. : ill <https://doi.org/10.3389/fimmu.2021.645834> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Submesoscale variability in a mesoscale front captured by a glider mission in the Gulf of Finland, Baltic Sea

Salm, Kai; Liblik, Taavi; Lips, Urmas *Frontiers in marine science* 2023 / 18 p. : ill <https://doi.org/10.3389/fmars.2023.984246>

Supramolecular chirogenesis in chemical and related sciences : editorial

Sun, Yue; Aav, Riina; Borovkov, Victor *Frontiers in chemistry* 2021 / art. 679332 <https://doi.org/10.3389/fchem.2021.679332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Supramolecular halogen bonds in asymmetric catalysis

Kaasik, Mikk; Kanger, Tõnis *Frontiers in chemistry* 2020 / art. 599064, 18 p. : ill <https://doi.org/10.3389/fchem.2020.599064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suprastars of Chemistry

2022 <https://doi.org/10.3389/978-2-88976-456-3>

Suprastars of chemistry : editorial

Xiao, Tangxin; James, Tony D.; **Borovkov, Victor**; Castellano, Ronald K.; Deng, Chao *Frontiers in Chemistry* 2022 / art. 932508 <https://doi.org/10.3389/fchem.2022.932508> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surrogate data method requires end-matched segmentation of electroencephalographic signals to estimate non-linearity
Päeske, Laura; Bachmann, Maie; Pöld, Toomas; Oliveira, Sara Pereira Mendes de; Lass, Jaanus; **Raik, Jaan; Hinrikus, Hiie** *Frontiers in physiology* 2018 / 1350 ; 9 p. : ill <https://doi.org/10.3389/fphys.2018.01350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated

Sõmera, Merike; Massart, Sebastien; Tamisier, Lucie; **Sooväli, Pille**; Sathees, Kanitha *Frontiers in microbiology* 2021 / art. 673218 <https://doi.org/10.3389/fmicb.2021.673218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A systematic literature review of AI-based digital decision support systems for post-traumatic stress disorder

Bertl, Markus; Metsallik, Janek; Ross, Peeter *Frontiers in Psychiatry* 2022 / art. 923613, 13 p. : ill <https://doi.org/10.3389/fpsyt.2022.923613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techniques used for analyzing microplastics, antimicrobial resistance and microbial community composition : a mini-review

Bartkova, Simona; Kahru, Anne; Heinlaan, Margit; Scheler, Ott *Frontiers in microbiology* 2021 / art. 603967 <https://doi.org/10.3389/fmicb.2021.603967> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The IRE1 α inhibitor KIRA6 blocks Leukotriene Biosynthesis in human phagocytes

Tang, Xiao; **Teder, Tarvi**; Samuelsson, Bengt; Haeggström, Jesper Z. *Frontiers in pharmacology* 2022 / art. 806240 <https://doi.org/10.3389/fphar.2022.806240>

Trends and challenges for balanced scoring in cybersecurity exercises : a case study on the example of Locked Shields

Mäses, Sten; Maennel, Kaie; Brilingaite, Agne *Frontiers in education* 2022 / art. 958405 <https://doi.org/10.3389/educ.2022.958405> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uncertainty and consistency assessment in multiple microplastic observation datasets in the Baltic Sea

She, Jun; **Buhhalko, Natalja; Lind, Kati; Mishra, Arun; Kikas, Villu**; Costa, Elisa; Gambardella, Chiara; Montarsolo, Alessio; Faimali, Marco *Frontiers in marine science* 2022 / art. 886357 <https://doi.org/10.3389/fmars.2022.886357> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

UPR responsive genes Manf and Xbp1 in stroke

Lõhelaid, Helike; Anttila, Jenni E.; Liew, Hock-Kean; Tseng, Kuan-Yin; Teppo, Jaakko; Stratoulis, Vassilis; Airavaara, Mikko *Frontiers in cellular neuroscience* 2022 / art. 900725 <https://doi.org/10.3389/fncel.2022.900725>

Upwelling characteristics in the Gulf of Riga (Baltic Sea) : multiple data source approach

Skudra, Maris; **Väli, Germa**; Ikauniece, Anda; Papirtis, Miks *Frontiers in marine science* 2023 / art. 1244643 <https://doi.org/10.3389/fmars.2023.1244643>

Using real-time indoor resource positioning to track the progress of tasks in construction sites

Zhao, Jianyu; **Pikas, Ergo**; Seppänen, Olli; Peltokorpi, Antti *Frontiers in Built Environment* 2021 / art. 66166 <https://doi.org/10.3389/fbuil.2021.66166>

Ventilation positive pressure intervention effect on indoor air quality in a school building with moisture problems

Vornanen-Winqvist, Camilla; Järvi, Kati; Toomla, Sander; Ahmed, Kaiser; **Kurnitski, Jarek** *International journal of environmental research and public health* 2018 / 23 p. : ill <https://doi.org/10.3390/ijerph15020230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wind-controlled transport of saltwater in the Southeastern Baltic Sea : a model study

Zhubas, Victor; **Väli, Germa** *Frontiers in marine science* 2022 / art. 835656 <https://doi.org/10.3389/fmars.2022.835656> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)