

Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** Frontiers in plant science 2017 / art. 172, 25 p. : ill

<https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Kattri-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](#)

Application of activated carbon derived from seed shells of Jatropha curcas for decontamination of zearalenone mycotoxin

Kalagatur, Naveen K.; Karthick, Kumarvel; Allen, Joseph A.; Chandranayaka, Siddaiah; **Gupta, Vijai Kumar**; Ghosh, Oriparambil Sivaraman Nirmal; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in pharmacology 2017 / art. 760, 13 p. : ill

<https://doi.org/10.3389/fphar.2017.00760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arabidopsis myosins XI1, XI2, and XIK are crucial for gravity-induced bending of inflorescence stems

Talts, Kristiina; Ilau, Birger; Ojangu, Eve-Ly; Tanner, Krista; Peremyslov, Valera V.; Dolja, Valerian V.; **Truve, Erkki; Paves, Heiti** Frontiers in plant science 2016 / art. 1932, p. 1-12 : ill <https://doi.org/10.3389/fpls.2016.01932> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence based data curation: enabling a patient-centric European health data space

de Zegher, Isabelle; **Norak, Kerli**; Steiger, Dominik; Müller, Heimo; Kalra, Dipak; Scheenstra, Bart; Cina, Isabella; Shulz, Stefan; Uma, Kanimozhi; Kalendralis, Petros; Lotmam, Eno-Martin; Benedikt, Martin; Dumontier, Michel; Celebi, Remzi Frontiers in Medicine 2024 / p. 1365501 <https://doi.org/10.3389/fmed.2024.1365501> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of soluble skin surface protein levels for monitoring psoriasis vulgaris in adult psoriasis patients using non-invasive transdermal analysis patch: A pilot study

Orro, Kadri; Salk, Kristiina; Abram, Kristi; Arshavskaja, Jelena; Meikas, Anne; Karelson, Maire; Neuman, Toomas; Kingo, Külli; Spee, Pieter Frontiers in medicine 2023 / art. 1072160, 8 p. : ill <https://doi.org/10.3389/fmed.2023.1072160> [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; Gorringer, 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](#)

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>

Binding between cyclohexanohemicucurbit[n]urils and polar organic guests

Ustrnul, Lukas; Burankova, Tatsiana; Öeren, Mario; **Juhhimenko, Kristina**; Ilmarinen, Jenni; Siilak, Kristjan; **Mishra, Kamini Atindrakumar**; Aav, Riina Frontiers in chemistry 2021 / art. 701028 <https://doi.org/10.3389/fchem.2021.701028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum

Lakshmeesha, Thimappa Ramachandrapa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; **Gupta, Vijai Kumar** Frontiers in microbiology 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Colorectal polyps increase the glycolytic activity

Rebane-Klemm, Egle; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combinational inhibitory action of hedychium spicatum L. essential oil and γ -radiation on growth rate and mycotoxins content of fusarium graminearum in maize: response surface methodology

Kalagatur, Naveen Kumar; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Krishna, Kadirvelu; Mudili, Venkataramana *Frontiers in microbiology* 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combinative solution processing and Li doping approach to develop p-type NiO thin films with enhanced electrical properties

Oluwabi, Abayomi Titilope; Spalatu, Nicolae; Maticiu, Natalia; **Katerski, Atanas; Mere, Arvo; Krunks, Malle; Oja Acik, Ilona** *Frontiers in materials* 2023 / 12 p. : ill <https://doi.org/10.3389/fmats.2023.1060420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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)

Sömer, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kaniitha; 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 / art. 1171136 <https://doi.org/10.3389/fgene.2023.1171136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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: Innovations in depression diagnosis and treatment outcome monitoring

Čukić, Milena B.; Savić, Danko; **Bachmann, Maie** *Frontiers in digital health* 2023 / art. 1224999, 3 p <https://doi.org/10.3389/fdgth.2023.1224999> [Journal metrics at Scopus](#) [Article at Scopus](#) [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial: Trustworthy AI for healthcare

Agafonov, Oleg; Babic, Aleksandar; **Da Costa Sousa, Sonia Claudia**; Alagaratnam, Sharmini *Frontiers in Digital Health* 2024 / art. 1427233 <https://doi.org/10.3389/fdgth.2024.1427233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Pätzsch, Johannes; **Raudsepp, Urmas** *Frontiers in marine science*

Effects of ventilation improvement on measured and perceived indoor air quality in a school building with a hybrid ventilation system

Vornanen-Winqvist, Camilla; Salonen, Heidi; **Kurnitski, Jarek** International journal of environmental research and public health 2018 / art. 1414, 18 p. : ill <https://doi.org/10.3390/ijerph15071414> 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 efficiency of manufacturing supply chains: Swedish survey findings

Hilmola, Olli-Pekka; Fobbe, Lea; Haartman, Robin von; Hilletoft, Per Frontiers in Energy Research 2025 / art. 1619417 <https://doi.org/10.3389/fenrg.2025.1619417>

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

Enhancing synchronous hybrid learning with telepresence robots: a PEPCII pedagogical design model for remote and onsite student engagement

Kasuk, Tiina; **Leoste, Janika**; Virkus, Sirje Frontiers in education 2025 / 15 p <https://doi.org/10.3389/feduc.2025.1554065>

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

Guarino, Francesco; Ciatelli, Angela; Castiglione, Stefano; Agius, Dolores R.; Orhun, Gul Ebru; Fragkostefanakis, Sotirios; Leclercq, Julie; Dobranszki, Judit; **Sõmera, 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

First report of Hosta virus X infecting hosta plants in Ukraine

Shchetytnina, A.; Budzanivska, I.; Pereboyshuk, O.; **Sõmera, Merike**; **Truve, Erkki** Acta virologica 2017 / p. 498-499 https://doi.org/10.4149/av_2017_415 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

From green to brown: two decades of darkening coastal water in the Gulf of Riga, the Baltic Sea

Aigars, Juris; Suhareva, Natalija; Cepite-Frisfelde, Daiga; Kokorite, Ilga; **lital, Arvo**; Skudra, Maris; Viska, Maija Frontiers in marine science 2024 / art. 1369537 <https://doi.org/10.3389/fmars.2024.1369537>

Gamification as a neuroergonomic approach to improving interpersonal situational awareness in cyber defense

Ask, Torvald F.; Knox, Benjamin James; **Lugo, Ricardo Gregorio**; Hoffmann, Lukas; **Sütterlin, Stefan** Frontiers in education 2023 / art. 988043, 16 p. : ill <https://doi.org/10.3389/feduc.2023.988043> 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; Liloever, Madis-Jaak; Lips, Urmas *Frontiers in marine science* 2023 / art. 1119515 <https://doi.org/10.3389/fmars.2023.1119515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human biomonitoring in the oil shale industry area in Estonia—overview of earlier programmes and future perspectives
Orru, Hans; **Viitak, Anu**; Herodes, Koit; Veber, Triin; Lukk, Märtin *Frontiers in public health* 2020 / art. 582114, 8 p. : ill <https://doi.org/10.3389/fpubh.2020.582114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The human factor in cyber security education : editorial

Lugo, Ricardo Gregorio; Sütterlin, Stefan; Knox, Benjamin James; Bukauskas, Linas; Brilingaitė, Agnė; Maennel, Olaf Manuel *Frontiers in education* 2023 / art. 1277282, 2 p <https://doi.org/10.3389/educ.2023.1277282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 coastal currents and eddies on particle dispersion in the Baltic Sea: a Lagrangian approach to marine ecosystems

Hari, Saeed; **Väli, Germo; Meier, H. E. Markus** *Frontiers in marine science* 2025 / 12 p <https://doi.org/10.3389/fmars.2025.1545035> <https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2025.1545035/full>

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](#)

Improving abiotic stress tolerance of forage grasses - prospects of using genome editing

Sustek-Sanchez, Ferenz; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike**; Jaškune, Kristina; Kovi, Mallikarjuna Rao; Statkevičiute, Gražina; **Sarmiento Guerin, Maria Cecilia** *Frontiers in plant science* 2023 / art. 1127532 <https://doi.org/10.3389/fpls.2023.1127532> [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](#)

Interoperability of health data using FHIR Mapping Language : transforming HL7 CDA to FHIR with reusable visual components

Bossenko, Igor; Randmaa, Rainer; Piho, Gunnar; Ross, Peeter *Frontiers in digital health* 2024 / art. 1480600, 25 p. : ill <https://doi.org/10.3389/fdgth.2024.1480600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the influence of sub-mesoscale current structures on Baltic Sea connectivity through a Lagrangian analysis

Hari, Saeed; Meier, H. E. Markus; Väli, Germo *Frontiers in marine science* 2024 / 18 p <https://doi.org/10.3389/fmars.2024.1340291>

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* 2023 / art. 1046461 : ill <https://doi.org/10.3389/educ.2022.1046461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keeping social distance in a classroom while interacting via a telepresence robot : a pilot study

Marmor, Kristel; Leoste, Janika; Heidmets, Mati; **Rebane, Martin; Põial, Jaanus; Kasuk, Tiina; Kangur, Katrin** *Frontiers in Neurobotics* 2024 / art. 1339000 <https://doi.org/10.3389/fnbot.2024.1339000> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lean-proteome strains - next step in metabolic engineering

Valgepea, Kaspar; **Peebo, Karl; Adamberg, Kaarel; Vilu, Raivo** *Frontiers in bioengineering and biotechnology* 2015 / p. 1-4 <https://doi.org/10.3389/fbioe.2015.00011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lithium ions display weak interaction with amyloid-beta (Aβ) peptides and have minor effects on their aggregation

Berntsson, Elina; Paul, Suman; Vosough, Faraz; Sholts, Sabrina B.; Jarvet, Jüri; Roos, Per M.; Barth, Andreas; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. *Acta biochimica Polonica* 2021 / p. 169-179 https://doi.org/10.18388/abp.2020_5493 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Godon, Simon Pierre; Kruusmaa, Maarja; Ristolainen, Asko *Frontiers in Robotics and AI* 2023 / art. 1113881

<https://doi.org/10.3389/frobt.2023.1113881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mapping microplastic pathways and accumulation zones in the Gulf of Finland, Baltic Sea – insights from modeling

Mishra, Arun; Siht, Enriko; Väli, Germa; Liblik, Taavi; Buhhalko, Natalja; Lips, Urmas *Frontiers in marine science* 2025 / art. 1524585, 17 p. : ill., map <https://doi.org/10.3389/fmars.2024.1524585>

Measurements of radiofrequency radiation with a Body-Borne exposimeter in Swedish schools with Wi-Fi

Hedendahl, Lena; Carlberg, Michael; **Koppel, Tarmo**; Hardell, Lennart *Frontiers in public health* 2017 / p. 1-14 : ill

<https://doi.org/10.3389/fpubh.2017.00279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/fmicb.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](#)

Microcalorimetric study of the growth of Streptococcus thermophilus in renneted milk

Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; Adamberg, Kaarel; Laht, Tiit-Maie; Vilu, Raivo *Frontiers in microbiology* 2015 / p. 1-13 : ill <https://doi.org/10.3389/fmicb.2015.00079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitigation of salinity stress in wheat seedlings due to the application of phytohormone-rich culture filtrate extract of methylotrophic actinobacterium Nocardioideae sp. NIMMe6

Meena, Kamlesh K.; Bitla, Utkarsh M.; Sorty, Ajay M.; Singh, Dhananjaya P.; **Gupta, Vijai Kumar**; Wakchaure G.C.; Kumar, Satish *Frontiers in microbiology* 2020 / art. 2091, 16 p. : ill. <https://doi.org/10.3389/fmicb.2020.02091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A 3D mixed reality visualization of network topology and activity results in better dyadic cyber team communication and cyber situational awareness

Ask, Torvald F.; **Kullman, Kaur; Sütterlin, Stefan**; Knox, Benjamin James; Engel, Don; **Lugo, Ricardo Gregorio** *Frontiers in Big Data* 2023 / art. 1042783, 21 p. : ill <https://doi.org/10.3389/fdata.2023.1042783> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling cyberspace to determine cybersecurity training requirements

Venables, Adrian Nicholas *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](#)

Neurophysiological and emotional influences on team communication and metacognitive cyber situational awareness during a cyber engineering exercise

Ask, Torvald F.; Knox, Benjamin James; Lugo, Ricardo Gregorio; Helgetun, Ivar; **Sütterlin, Stefan** *Frontiers in human neuroscience* 2023 / art. 1092056, 24 p. : ill <https://doi.org/10.3389/fnhum.2022.1092056> [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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimizing offensive cyber operation planner's development : exploring tailored training paths and framework evolution

Arik, Marko; Lugo, Ricardo Gregorio; Ottis, Rain; Venables, Adrian Nicholas *Frontiers in Computer Science* 2024 / art. 1400360 <https://doi.org/10.3389/fcomp.2024.1400360> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pärm, 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 / art. 1084633 <https://doi.org/10.3389/fnmol.2022.1084633> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Phylogenetic insight into ABCE gene subfamily in plants

Jakobson, Liina; Möttus, Jelena; Suurväli, Jaanus; **Sõmera, Merike**; Tarassova, Jemilia; Nigul, Lenne; Smolander, Olli-Pekka Aukusti; Sarmiento Guerin, Maria Cecilia *Frontiers in Genetics* 2024 / art. 1408665 <https://doi.org/10.3389/fgene.2024.1408665>

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

Preparation and characterization of lignin-derived carbon aerogels

Jõul, Piia; Järvik, Oliver; Lees, Heidi; Kallavus, Urve; Koel, Mihkel; Lukk, Tiit *Frontiers in chemistry* 2023 / art. 1326454
<https://doi.org/10.3389/fchem.2023.1326454> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Protracted post-glacial hydrocarbon seepage in the Barents Sea revealed by U–Th dating of seep carbonates

Himmler, Tobias; Wagner, Doris; Sahy, Diana; Vadakkepulyambatta, Sunil; Chand, Shyam; **Martma, Tõnu**; Kirsimäe, Kalle; Mattingsdal, Rune; Panieri, Giuliana; **Lepland, Aivo** *Frontiers in earth science* 2024 / art. 1355621, 11 p. : ill
<https://doi.org/10.3389/feart.2024.1355621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A reference architecture for personal health data spaces using decentralized content-addressable storage networks

Klementi, Toomas; Piho, Gunnar; Ross, Peeter *Frontiers in Medicine* 2024 / art. 1411013
<https://doi.org/10.3389/fmed.2024.1411013> [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, Germo** *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*

Scaffold of selenium nanovectors and honey phytochemicals for inhibition of pseudomonas aeruginosa quorum sensing and biofilm formation

Prateeksha; Singh, Braj R.; Shoeb, M.; Sharma, S.; Naqvi, A.H.; **Gupta, Vijai Kumar**; Singh, Brahma N. *Frontiers in cellular and infection microbiology* 2017 / art. 93, 14 p. : ill <https://doi.org/10.3389/fcimb.2017.00093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Spatio-temporal interdependence of bacteria and phytoplankton during a Baltic Sea spring bloom

Bunse, Carina; Bertos-Fortis, Mireia; Sassenhagen, Ingrid; **Silvever, Sirje**; **Lips, Inga** *Frontiers in microbiology* 2016 / p. 1-10 : ill <https://doi.org/10.3389/fmicb.2016.00517> [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](#)

Structural and functional insights into WRKY3 and WRKY4 transcription factors to unravel the WRKY–DNA (W-Box) complex interaction in tomato (*Solanum lycopersicum* L.). A computational approach

Aamir, Mohd; Singh, Vinay Kumar; Meena, Mukesh; Upadhyay, Rams.; **Gupta, Vijai Kumar**; Singh, Surendra *Frontiers in plant science* 2017 / art. 819, 24 p. : ill <https://doi.org/10.3389/fpls.2017.00819> [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 / art. 984246, 18 p. : ill <https://doi.org/10.3389/fmars.2023.984246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Mik; **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

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](#)

Sustainable diets, from design to implementation by multi-objective optimization-based methods and policy instruments

Bashiri, Bashir; Kaleda, Aleksei; **Vilu, Raivo** *Frontiers in Sustainable Food Systems* 2025 / art. 1629739
<https://doi.org/10.3389/fsufs.2025.1629739> <https://www.frontiersin.org/journals/sustainable-food-systems/articles/10.3389/fsufs.2025.1629739/full>

A synthesis of marine monitoring methods with the potential to enhance the status assessment of the Baltic Sea

Mack, Leon; Attila, Jenni; Aylagas, Eva; Beermann, Arne; Borja, Angel; Hering, Daniel; Kahlert, Maria; Leese, Florian; **Lips, Urmas**
Frontiers in marine science 2020 / 16 p <https://doi.org/10.3389/fmars.2020.552047> [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/fpsy.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 birth prevalence of spinal muscular atrophy: a population specific approach in Estonia

Sarv, Siiri; Kahre, Tiina; Vaidla, Eve; Pajusalu, Sander; Muru, Kai; Pöder, Haide; **Gross-Paju, Katrin**; Ütt, Sandra; Žordania, Riina; Talvik, Inga *Frontiers in genetics* 2021 / art. 796862 <https://doi.org/10.3389/fgene.2021.796862> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

The ectopic overexpression of the cotton Ve1 and Ve2-Homolog sequences leads to resistance response to verticillium wilt in arabidopsis

Chen, Jieyin; Li, Nanyang; Ma, Xuefeng; **Gupta, Vijai Kumar**; Zhang, Dandan; Li, Tinggang; Dai, Xiaofeng *Frontiers in plant science* 2017 / art. 844, 16 p. : ill <https://doi.org/10.3389/fpls.2017.00844> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)
[Article at WOS](#)

The importance of Mesodinium rubrum at post-spring bloom nutrient and phytoplankton dynamics in the vertically stratified Baltic Sea

Lips, Inga; Lips, Urmas *Frontiers in marine science* 2017 / art. 407, p. 1-16 : ill <https://doi.org/10.3389/fmars.2017.00407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The IRE1α 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; **Buhalko, 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](#)

Understanding How Microorganisms Respond to Acid pH Is Central to Their Control and Successful Exploitation

Lund, P.A.; De Biase, Daniela; Liran, Oded; **Scheler, Ott**; Mira, N.P.; Cetecioglu, Zeynep; Fernandez, E.N.; Bover-Cid, S.; Hall, R.; Sauer, M.; O'Byrne, Conor *Frontiers in microbiology* 2020 / art. 556140, 8 p. : ill <https://doi.org/10.3389/fmicb.2020.556140> [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; Stratoulas, 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, Germo**; Ikauniece, Anda; Papirtis, Miks Frontiers in marine science 2023 / art. 1244643 <https://doi.org/10.3389/fmars.2023.1244643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.2021.661166>

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](#)

Why behavioral indicators may fail to reveal mental states : individual differences in arousal-movement pattern relationships

Toomela, Aaro; **Nõmm, Sven**; Könnussaar, Tiit; Tammik, Valdar Frontiers in psychology 2019 / art. 270, 8 p. : ill <https://doi.org/10.3389/fpsyg.2019.00270> [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, Germo** 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](#)

α-Lipoic acid: a potential regulator of copper metabolism in Alzheimer's disease

Kirss, Sigrid; Reinapu, Anette; **Kabin, Ekaterina**; **Smirnova, Julia**; Tõugu, Vello; **Palumaa, Peep** Frontiers in Molecular Biosciences 2024 / art. 1451536 <https://doi.org/10.3389/fmolb.2024.1451536>