

#### **Active chitosan–chestnut extract films used for packaging and storage of fresh pasta**

**Körge, Kristi;** Bajić, Marijan; Likozar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052  
<https://doi.org/10.1111/ijfs.14569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco**

Lefebvre, Bertrand; Gutiérrez-Marco, Juan C.; **Lehnert, Oliver;** Martin, Emmanuel L.O.; Nowak, Hendrik; Akodad, Mustapha; El Hariri, Khadija; Servais, Thomas Lethaia 2018 / p. 296 - 311 <https://doi.org/10.1111/let.12240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Age constraints of the Hungshihyen Formation (Early to Middle Ordovician) on the western margin of the Yangtze Platform, South China : new insights from chitinozoans**

**Liang, Yan;** Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; **Nölvak, Jaak;** Hints, Olle; Weif, Xin; Gong, Fang-Yi Palaeoworld 2020 / p. 66-74 : ill <https://doi.org/10.1016/j.palwor.2019.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Age of the Silurian Wuxiahe Formation in Langao, Northwest China : New conodont data**

Chen, Zhong-Yang; **Männik, Peep;** Tang, Peng; Wang, Jian; Ma, Jun-Ye; Luan, Xiao-Cong Palaeoworld 2021 / p. 649-658 : ill <https://doi.org/10.1016/j.palwor.2020.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum L.**

**Saar-Reismaa, Piret;** Kotkas, Katrin; Rosenberg, Viive; **Kulp, Maria;** Kuhtinskaja, Maria; **Vaher, Merike** Foods 2020 / art. 1862 <https://doi.org/10.3390/foods9121862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Antibody response to oral biofilm is a biomarker for acute coronary syndrome in periodontal disease**

**Jaago, Mariliis;** Pupina, Nadežda; **Rähni, Annika;** Pihlak, Arno; **Sadam, Helle;** Vrana, Nihal Engin; Sinisalo, Juha; Pussinen, Pirkko; **Palm, Kaia** Communications biology 2022 / art. 205, 10 p. : ill <https://doi.org/10.1038/s42003-022-03122-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Anticancer Effect of the Iridoid Glycoside Fraction from Dipsacus fullonum L. Leaves**

**Kuhtinskaja, Maria;** Bragina, Olga; **Kulp, Maria;** **Vaher, Merike** Natural product communications 2020 / p. 1-6 <https://doi.org/10.1177/1934578X20951417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

#### **Application of power line communication technology in street lighting control**

**Farkas, Tekla D.;** Kiraly, Tamás; **Pardy, Tamas;** Rang, Toomas; **Rang, Galina** International journal of design and nature and ecodynamics 2018 / p. 176–186 : ill <https://doi.org/10.2495/DNE-V13-N2-176-186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Application of the pathogen Trojan horse approach in maize (Zea mays)**

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla;** Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Application of the UHPLC-DIA-HRMS method for determination of cheese peptides**

**Arju, Georg;** Taivosalo, Anastassia; **Pismennõi, Dmitri;** Lints, Taivo; Vilu, Raivo; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill <https://doi.org/10.3390/foods9080979> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Are environmental sustainability and happiness the keys to prosperity in Asian nations?**

Kaklauskas, Arturas; Dias, W.P.S.; Binkyte-Veliene, Arune; Abraham, A.; **Ubarte, Ieva;** Randil, O.P.C.; **Lill, Irene;** **Puust, Raido** Ecological indicators 2020 / art. 106562, 33 p <https://doi.org/10.1016/j.ecolind.2020.106562> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Artificial lateral line for aquatic habitat modelling: An example for Lefua echigonia**

Garcia-Vega, Ana; Fuentes-Perez, Juan Francisco; Fukuda, Shinji; **Kruusmaa, Maarja;** Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Ecological Informatics 2021 / art. 101388 <https://doi.org/10.1016/j.ecoinf.2021.101388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)**

**Stoicescu, Stella-Theresa;** Lips, Urmas; **Liblik, Taavi** Frontiers in marine science 2019 / art. 54, 16 p. : ill <https://doi.org/10.3389/fmars.2019.00054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The assessment of soil quality in contrasting land-use and tillage systems on farm fields with stagnic luvisol soil in Estonia**

Sutri, Merit; Shanskiy, Merrit; **Ivask, Mari;** **Reintam, Endla** Agriculture 2022 / art. 2149 <https://doi.org/10.3390/agriculture12122149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth**

Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Automatic calibration module for an urban drainage system model**

**Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin** Water 2021 / art. 1419 <https://doi.org/10.3390/w13101419> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bacterial communities associated with healthy and diseased (skeletal growth anomaly) reef coral *Acropora cytherea* from Palk Bay, India**

Rajasabapathy, Raju; **Ramasamy, Kesava Priyan**; Manikandan, Balakrishnan; Mohandass, Chellandi; James, Rathinam Arthur Frontiers in marine science 2020 / art. 92, 8 p. : ill <https://doi.org/10.3389/fmars.2020.00092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Basin-wide variations in trends in water level maxima in the Baltic Sea**

**Pindsoo, Katri; Soomere, Tarmo** Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Behavioural compass : animal behaviour recognition using magnetometers**

Chakravarty, Pritish; **Maalberg, Maiki**; Cozzi, Gabriele; Ozgul, Arpat; Aminian, Kamiar Movement Ecology 2019 / Art. nr. 28 <https://doi.org/10.1186/s40462-019-0172-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Benchmarking plant diversity of Palaearctic grasslands and other open habitats**

**Reitalu, Triin**; Pärtel, Meelis; Helm, Aveliina; Ingerpuu, Nele Journal of vegetation science 2021 / art. ARTN e13050, 21 p. : ill <https://doi.org/10.1111/jvs.13050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Benefits, Challenges, and Opportunities of Conducting a Collaborative Research Course in an International University Partnership : A Study Case Between Kansas State University and Tallinn University of Technology**

Lezama-Solano, Adriana; Castro, Mauricio; Chambers, Delores; **Timberg, Loreida; Koppel, Kadri** Journal of food science education 2019 / p. 78-86 : ill <https://doi.org/10.1111/1541-4329.12162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Berberine, a popular dietary supplement for human and animal health : quantitative research literature analysis – a review**

Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; **Gupta, Vijai Kumar** Animal Science Papers and Reports 2020 / p. 5-19  
<https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biocontrol of Fusarium wilt of *Capsicum annuum* by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential**

Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; **Gupta, Vijai Kumar**; Singh, Bhim Pratap European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Brachiopod shell thickness links environment and evolution**

Balthasar, Uwe; Jin, Jisuo; **Hints, Linda**; Cusack, Maggie Palaeontology 2020 / p. 171-183 : ill <https://doi.org/10.1111/pala.12450>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis**

Carlevaro-Fita, Joan; Lanzós, Andrés; Feuerbach, Lars; Hong, Chen; Mas-Ponte, David; Pedersen, Jakob Skou; Abascal, Federico; Amin, Samirkumar B.; Johnson, Rory; **Uusküla-Reimand, Liis** Communications Biology 2020 / Art. nr. 56  
<https://doi.org/10.1038/s42003-019-0741-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Carbonate shelf development and early Paleozoic benthic diversity in Baltica : a hierarchical diversity partitioning approach using brachiopod data**

Penny, Amelia; **Hints, Olle**; Kröger, Björn Paleobiology 2022 / p. 44-64 <https://doi.org/10.1017/pab.2021.3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Case study of non-linear PV inverter devices attached to the LV distribution network**

**Vinnal, Toomas; Puusepp, Hardi; Shabbir, Noman; Kütt, Lauri; Iqbal, Muhammad Naveed** Agronomy research 2020 / p. 2639-2652 : ill <https://doi.org/10.1515/AR.20.233> <https://dspace.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Causes of the extensive hypoxia in the Gulf of Riga in 2018**

**Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; Samlas, Oliver; Lips, Inga; Lips, Urmas**

Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cereal and confectionary packaging : assessment of sustainability and environmental impact with a special focus on greenhouse gas emissions**

Krauter, Victoria; Bauer, Anna-Sophia; Milousi, Maria; Dörnyei, Krisztina Rita; Ganczewski, Greg; **Leppik, Kärt**; Krepil, Jan; Varzakas, Theodoros Foods 2022 / art. 1347 <https://doi.org/10.3390/foods11091347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cereal and confectionary packaging: background, application and shelf-life Extension**

Bauer, Anna-Sophia; **Leppik, Kärt**; Galic, Kata Foods 2022 / art. 697 <https://doi.org/10.3390/foods11050697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterisation of chemical, microbial and sensory profiles of commercial kombuchas**

Andreson, Maret; Kazantseva, Jekaterina; **Kuldjäär, Rain**; Malv, Esther; **Vaikma, Helen**; Kaleda, Aleksei; Kütt, Mary-Liis; **Vilu, Raivo** International journal of food microbiology 2022 / art. 109715 <https://doi.org/10.1016/j.ijfoodmicro.2022.109715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of different wood species as potential feedstocks for gasification**

**Sulg, Mari**; **Konist, Alar**; **Järvik, Oliver** Agronomy research 2021 / p. 276-299 <https://doi.org/10.15159/AR.21.005> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Chemical Composition and Antibacterial Effect of Mentha spp. Grown in Estonia**

Kapp, Karmen; Püssa, Tõnu; **Orav, Anne**; Roasto, Mati; Raal, Ain; Vuorela, Pia; Vuorela, Heikki; Tammela, Päivi Natural product communications 2020 / 14 p <https://doi.org/10.1177/1934578X20977615> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chilopoda and Diplopoda of semi natural flooded meadows in Matsalu, Estonia**

**Ivask, Mari**; **Kuu, Anneli**; Meriste, Mart; **Kutti, Sander**; **Raamets, Jane**; **Palo, Anneli** Pedobiologia 2019 / p. 24-33 : ill <https://doi.org/10.1016/j.pedobi.2019.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CHITDB : a database for documenting and analysing diversification of Ordovician-Silurian chitinozoans in the Baltic region**

**Hints, Olle**; **Antonovitš, Liina**; **Bauert, Garmen**; **Nestor, Viuu**; **Nõlvak, Jaak**; **Tammekänd, Mairi** Lethaia 2018 / p. 218 - 227 <https://doi.org/10.1111/let.12249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chitinozoans with “skirt”: Ultrastructure and palaeoecological implications of carina in Cyathochitina Eisenack, 1955**

Wang, Wenhui; Liang, Yan; Lyu, Qiao; **Hints, Olle**; Chen, Shefa; **Nõlvak, Jaak** Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110348, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Class XI myosins contribute to auxin response and senescence-induced cell death in Arabidopsis**

**Ojangu, Eve-Ly**; **Ilau, Birger**; **Tanner, Krista**; **Talts, Kristiina**; **Ihoma, Eliis**; Dolja, Valerian V.; **Paves, Heiti**; **Truve, Erkki** Frontiers in plant science 2018 / art. 1570, 21 p. : ill <https://doi.org/10.3389/fpls.2018.01570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Climate changes in the pre-Hirnantian late Ordovician based on $\delta^{18}\text{O}$ studies from Estonia**

**Männik, Peep**; Lehnert, Oliver; **Nõlvak, Jaak**; Joachimski, Michael M. Palaeogeography, palaeoclimatology, palaeoecology 2021 / p. 110347, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting**

Pandey, Anita D.; Dhakar, Kusum; Jain, Rahul; Pandey, Neha; **Gupta, Vijai Kumar**; Kooliyottil, Rinu; Dhyani, Ashish; Malviya, Mukesh K.; Adhikari, Priyanka Proceedings of the National Academy of Sciences India Section B - Biological Sciences 2019 / p. 1125-11321 : ill <https://doi.org/10.1007/s40011-018-1002-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Comparing PCR-generated artifacts of different polymerases for improved accuracy of DNA metabarcoding**

Nagai, Satoshi; **Sildever, Sirje**; Nishi, Noriko Metabarcoding and metagenomics 2022 / art. e77704 <https://doi.org/10.3897/mbmg.6.77704> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **The composition of faecal microbiota is related to the amount and variety of dietary fibres**

**Adamberg, Kaarel**; **Jaagura, Madis**; Aaspõllu, Anu; Nurk, Eha; **Adamberg, Signe** International Journal of Food Sciences and Nutrition 2020 / p. 845-855 : ill <https://doi.org/10.1080/09637486.2020.1727864> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys**

**Kivima, Evelin**; Tanilas, Kristel; **Martverk, Kaie**; Rosenvald, Sirli; **Timberg, Loreida**; **Laos, Katrin** Foods 2021 / art. 511, 14 p  
<https://doi.org/10.3390/foods10030511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comprehensive analysis of proteolysis during 8 months of ripening of high-cooked Old Saare cheese**  
**Taivosalo, Anastassia**; Kriščiunaite, Tiina; **Seiman, Andrus**; Part, Natalja; Stulova, Irina; **Vilu, Raivo** Journal of dairy science 2018 / p. 944-967 : ill <https://doi.org/10.3168/jds.2017-12944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Conch structures, soft-tissue imprints and taphonomy of the Middle Ordovician cephalopod *Tragoceras falcatum* from Estonia**  
Pohle, Alexander; Klug, Christian; **Toom, Ursula**; Kröger, Björn Fossil Imprint 2019 / p. 70-78 : ill <https://doi.org/10.2478/if-2019-0006>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

**Consumption of multi-fiber enriched yogurt is associated with increase of *Bifidobacterium animalis* and butyrate producing bacteria in human fecal microbiota**  
Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiard, Ene Journal of Functional Foods 2022 / Art. nr. 104899 <https://doi.org/10.1016/j.jff.2021.104899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area**  
Freiberg, Rene; Belle, Simon; **Poska, Anneli**; Agasild, Helen; **Alliksaar, Tiiu**; Tönno, Ilmar Quaternary science reviews 2018 / p. 168-176 : ill <https://doi.org/10.1016/j.quascirev.2018.03.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Correction to: Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (*Eleusine coracana* (L.)) (3 Biotech, (2018), 8, 12, (499), 10.1007/s13205-018-1511-9)**  
Avasathi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo; Kumar, Anil 3 Biotech 2019 / p. 337 <https://doi.org/10.1007/s13205-019-1864-8> [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](#)

**Critical aspects for collision induced oil spill response and recovery system in ice conditions: A model-based analysis**  
Lu, Liangliang; Goerlandt, Floris; **Tabri, Kristjan**; Hoglund, Anders; Banda, Osiris A. Valdez; Kujala, Pentti Journal of loss prevention in the process industries 2020 / art. 104198, 20 p. : ill <https://doi.org/10.1016/j.jlp.2020.104198> [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](#)

**CyberGenomics : application of behavioral genetics in cybersecurity**  
Domarkiene, Ingrida; Ambrozaityte, Laima; Bukauskas, Linas; Rančelis, Tautvydas; **Sütterlin, Stefan**; Knox, Benjamin James; **Maennel, Kaie**; **Maennel, Olaf Manuel**; Parish, Karen; Lugo, Ricardo Gregorio; Brilingaite, Agne Behavioral Sciences 2021 / art. 152 <https://doi.org/10.3390/bs11110152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Decision support tools, systems and indices for sustainable coastal planning and management : a review**  
**Barzehkar, Mojtaba**; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A demineralized osteostracan fossil from the Silurian Kalana Lagerstätte of Estonia : revealing its internal anatomy and uncovering a unique type of fossilization**  
Tinn, Oive; Lang, Liisa; **Märss, Tiiu**; Vahur, Signe; Kirsimäe, Kalle Lethaia 2022 / 13 p. : ill <https://doi.org/10.1111/let.12452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A descriptive analysis of the linkage between the vertical stratification and current oscillations in the Gulf of Finland**  
**Suhhova, Irina**; **Liblik, Taavi**; **Lilover, Madis-Jaak**; **Lips, Urmas** Boreal environment research 2018 / p. 83-103 : ill  
[https://www.ester.ee/record=b1199571\\*est](https://www.ester.ee/record=b1199571*est) <https://www.borenv.net/BER/archive/ber231-6.htm> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determinants of bryophyte species composition and diversity on the Great Alvar of Öland, Sweden**

Tyler, Torbjörn; Bengtsson, Fia; Dahlberg, Carl Johan; Lönnell, Niklas; Hallingbäck, Tomas; **Reitalu, Triin** Journal of bryology 2018 / p. 12-30 : ill <https://doi.org/10.1080/03736687.2017.1412387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determination of technological parameters and characterization of microbiota of the spontaneous sourdough fermentation of hull-less barley**

Reidzane, Sanita; Kruma, Zanda; **Kazantseva, Jekaterina**; **Traksmäa, Anna**; Klava, Dace Foods 2021 / art. 2253 : ill <https://doi.org/10.3390/foods10102253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach**

**Stivriņš, Normunds**; Grudzińska, Ieva; **Elmi, Kati**; **Heinsalu, Atko**; **Veski, Siim** Annales de limnologie - International journal of limnology 2018 / art. 22, 12 p <https://doi.org/10.1051/limn/2018014> [http://www.estee.ee/record=b2246661\\*est](http://www.estee.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR**

Yarimizu, Kyoko; **Sildever, Sirje**; Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi Harmful Algae 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of hemp hurd particleboards from formaldehyde-free resins**

**Alao, Percy Festus**; **Tobias, Micah Onyedikachi**; **Kallakas, Heikko**; **Poltimäe, Triinu**; **Kers, Jaan**; **Goljandin, Dmitri** Agronomy research 2020 / p. 679–688 : ill <https://doi.org/10.15159/AR.20.127> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Diatom and microarthropod communities of three airfields in Estonia – their differences and similarities and possible linkages to airfield properties [Online resource]**

Vacht, Piret; **Kuu, Annely**; Puusepp, Liisa; Koff, Tiit; **Kutti, Sander**; **Raamets, Jane**; Küttim, Liisa European journal of ecology 2018 / P. 1-14 : ill <https://doi.org/10.2478/eje-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Dietary natural products and their potential to influence health and disease including animal model studies**

Yeung, Andy Wai Kan; Aggarwal, Bharat Bhushan; Barreca, Davide; Battino, Maurizio; Belwal, Tarun; Horbańczyk, Olaf K.; Berindan-Neagoe, Ioana; Bishayee, Anupam; Daglia, Maria; **Gupta, Vijai Kumar** Animal science papers and reports 2019 / p. 345-358 : ill <https://www.iris.unict.it/bitstream/20.500.11769/364904/2/Dietary%20natural%20products%20and%20their%20potential%20to%20influence%20health%20and%20disease%20including%20animal%20model%20studies%20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Divergence between bread wheat and Triticum militinae in the powdery mildew resistance QPm.tut14A locus and its implications for cloning of the resistance gene**

Janáková, Eva; **Jakobson, Irena**; **Peuša, Hilma**; **Järve, Kadri** Theoretical and applied genetics 2019 / p. 1061–1072 : ill <https://doi.org/10.1007/s00122-018-3259-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Does chronotype restrict the employment options of creative R&D professionals?**

**Sõõru, Erve**; **Hazak, Aaro**; **Rebane, Marit** Biological rhythm research 2020 / p. 283-293 : tab <https://doi.org/10.1080/09291016.2018.1528681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste Linajärv, Estonia**

**Liiv, Merlin**; **Alliksaar, Tiit**; Freiberg, Rene; **Heinsalu, Atko**; Ott, Ingmar; **Reitalu, Triin**; Tõnno, Ilmar; **Vassiljev, Jüri**; **Veski, Siim** Vegetation history and archaeobotany 2018 / p. 437-451 : ill <https://doi.org/10.1007/s00334-017-0650-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Drastic effects on the microbiome of a young rower engaged in high-endurance exercise after a month usage of a dietary fiber supplement**

**Jaago, Mariliis**; Timmusk, Uku Siim; **Timmusk, Tõnis**; **Palm, Kaia** Frontiers in Nutrition 2021 / art. #654008, 11 p. : ill <https://doi.org/10.3389/fnut.2021.654008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Earliest Petroxestes borings from Sandbian (earliest late ordovician) bryozoans of Northern Estonia**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2019 / p. 453-457 <https://doi.org/10.2110/palo.2019.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Early diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia**

**Nõlvak, Jaak**; **Liang, Yan**; **Hints, Olle** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill <https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ecohydraulics of river flow alterations and impacts on freshwater fish**

Boavida, Isabel; Díaz-Redondo, Maria; **Fuentes-Pérez, Juan Francisco**; Hayes, Daniel S.; Jesus, Joaquim; Moreira, Miguel; Belmar, Oscar; Vila-Martínez, Núria; Palau-Nadal, Antoni; Costa, Maria João *Limnética* 2020 / p. 213-232  
<https://doi.org/10.23818/limn.39.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Eesti ajalooliste mõisaparkide ja metsade puistu liigilise koosseisu võrdluse meetod**

**Nutt, Nele; Kubjas, Ardo**; Kaplinski-Sauk, Minea *Agraarteadus* 2020 / lk. 66-69 : ill <https://doi.org/10.15159/jas.20.01>  
<https://dea.digar.ee/article/AKagraarteadus/2020/06/0/22> [Journal metrics at Scopus](#) [Article at Scopus](#)

**The effect of apple juice concentration on cider fermentation and properties of the final product**

**Rosend, Julia; Kaleda, Aleksei; Kuldjärv, Rain; Arju, Georg**; Nisamedtinov, Ildar *Foods* 2020 / art. 1401, 12 p  
<https://doi.org/10.3390/foods9101401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of different hardwood species and lay-up schemes on the mechanical properties of plywood**

**Kallakas, Heikko; Rohumaa, Anti; Vahermets, Harti; Kers, Jaan** *Forests* 2020 / art. 649, 13 p. : ill <https://doi.org/10.3390/f11060649>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of hemp fibre length on the properties of polypropylene composites**

**Alao, Percy Festus; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan** *Agronomy research* 2019 / p. 1517–1531 : ill  
<https://doi.org/10.15159/AR.19.146> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea** *Boreal environment research* 2022 / p. 97-116 : ill <https://www.borenv.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of long-term application of organic fertilizers on improving organic matter quality in acid soil**

Mockeviciene, Ieva; Repsiene, Regina; Amaleviciute-Volunge, Kristina; Karcauskiene, Danute; Slepeliene, Alvyra; **Lepane, Viia** *Archives of agronomy and soil science* 2021 / p. 1192 - 1204 <https://doi.org/10.1080/03650340.2021.1875130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of soaking/oven-drying on mechanical and physical properties of birch (*Betula* spp.) plywood**

Kask, Regino; Lille, Harri; **Kiviste, Mihkel**; Kruus, Silver; Lääne, Johann Olaf *Drvna industrija* 2021 / p. 121-129  
<https://doi.org/10.5552/drind.2021.1946> [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; 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](#)

**ELIMÄKI Locus is required for vertical proprioceptive response in birch trees**

Alonso-Serra, Juan; Shi, Xueping; Peaucelle, Alexis; **Smolander, Olli-Pekka** *Current biology* : CB 2020 / p. 589-599  
<https://doi.org/10.1016/j.cub.2019.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Emotions analysis in public spaces for urban planning**

Kaklauskas, Arturas; Bardauskiene, D.; Cerkauskienė, R.; **Ubarte, Ieva**; Raslanas, S.; Radville, E.; Kaklauskaitė, Ulijona; Kaklauskienė, Loreta *Land Use Policy* 2021 / Art. nr. 105458 <https://doi.org/10.1016/j.landusepol.2021.105458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption**

Mandel, Anni; Zekker, Ivar; **Jaagura, Madis**; Tenno, Taavo *International journal of environmental science and technology* 2019 / p. 5965–5978 : ill <https://doi.org/10.1007/s13762-018-02194-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Environmental changes of the stadial/interstadial type during the Late Saalian (MIS-6) – Multi-proxy record at the Wola Starogrodzka site, central Poland**

Kupryjanowicz, Mirosława; Filoc, Magdalena; Drzymulska, Danuta; **Poska, Anneli**; Suchora, Magdalena; Zarski, Marcin; Mroczek, Przemysław Paweł *Palaeogeography, palaeoclimatology, palaeoecology* 2021 / art. 110420, 14 p. : ill  
<https://www.sciencedirect.com/science/article/pii/S0031018221002054> <https://doi.org/10.1016/j.palaeo.2021.110420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīņu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr**

Tönno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds; Alliksaar, Tiit; Heinsalu, Atko; Veski, Siim**; Kisand, Veljo *Quaternary science reviews* 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at](#)

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

### **Environmental impacts of grey water discharge from ships in the Baltic Sea**

Ytreberg, Erik; Eriksson, Martin; **Maljutenko, Ilja** Marine pollution bulletin 2020 / art. 110891

<https://doi.org/10.1016/j.marpolbul.2020.110891> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Environmental variables driving species and genus level changes in annual plankton biomass**

Forsblom, Louise; Engström-Öst, Jonna; Lehtinen, Sirpa; **Lips, Inga**; Linden, Andreas Journal of plankton research 2019 / p. 925–938 : ill <https://doi.org/10.1093/plankt/fbz063> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Environmentally adaptive fish or no-fish classification for river video fish counters using high-performance desktop and embedded hardware**

**Soom, Jürgen; Pattanaik, Vishwajeet; Leier, Mairo; Tuhtan, Jeffrey Andrew** Ecological Informatics 2022 / art. 101817, 14 p. : ill

<https://doi.org/10.1016/j.ecoinf.2022.101817> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Erratum to "Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis" [Future Foods, 4 (2021) 100049] (Future Foods (2021) 4, (S2666833521000393), (10.1016/j.fufo.2021.100049))**

**Vaikma, Helen; Kaleda, Aleksei; Rosend, Julia; Rosenvald, Sirli** Future Foods 2022 / Art. nr. 100166

<https://doi.org/10.1016/j.fufo.2022.100166> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#)

### **Erratum to "Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds" [Future Foods, 4 (2021) 100092]**

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen; Tammik, Mari-Liis; Rosenvald, Sirli; Vilu, Raivo** Future foods 2022 / art. 100162

<https://doi.org/10.1016/j.fufo.2022.100162> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Exploring the spectrum of urban area key figures using data from Finland and proposing guidelines for delineation of urban areas**

Vanhatalo, Jaana; **Partanen, Jenni Vilhelmiina** Land use policy 2022 / art. 105822, 12 p. : ill

<https://doi.org/10.1016/j.landusepol.2021.105822> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Extreme inundation statistics on a composite beach**

**Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys; Labart, Celine** Water 2020 / art. 1573, 13 p. : ill

<https://doi.org/10.3390/w12061573> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages**

**Ristolainen, Asko; Piho, Laura; Kruusmaa, Maarja** Aquacultural Engineering 2022 / art. 102271, 9 p. : ill

<https://doi.org/10.1016/j.aquaeng.2022.102271> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Fire design of CLT in Europe**

Östman, Birgit; Schmid, Joachim; Klippel, Michael; **Just, Alar**; Werther, Norman; Brandon, Daniel Wood and Fiber Science 2018 / p. 68–82 <https://doi.org/10.22382/wfs-2018-041> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe**

Feurdean, Angelica; Vanniere, Boris; Finsinger, Walter; **Poska, Anneli; Vassiljev, Jüri; Veski, Siim** Biogeosciences 2020 / p. 1213–1230 <https://doi.org/10.5194/bg-17-1213-2020> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **First documentation of Llandovery (Silurian) conodont genus Astropentagnathus in China (Langao, Shaanxi Province) and the age of Baiyaya Formation**

Chen, Zhong-Yang; **Männik, Peep**; Wang, Xin; Li, Chao; Wang, Jian Palaeoworld 2020 / p. 662–671

<https://doi.org/10.1016/j.palwor.2019.11.002> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **First report of wheat dwarf virus in winter wheat in Estonia**

**Sõmera, Merike; Truve, Erkki; Sooväli, Pille** Plant disease 2019 / p. 1797 <https://doi.org/10.1094/PDIS-11-18-2059-PDN> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **First symbiotic association between hederelloids and rugose corals (latest Silurian of Saaremaa, Estonia)**

**Vinn, Olev; Wilson, Mark A.**; Madison, Anna; Kazantseva, Elizaveta; **Toom, Ursula** Palaios 2022 / p. 368–373 : ill., map

<https://doi.org/10.2110/palo.2022.005> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Fish body geometry reduces the upstream velocity profile in subcritical flowing waters**

Bensing, Katharina; **Tuhtan, Jeffrey Andrew; Toming, Gert; Khan, Ali Hassan**; Lehmann, Boris Aquatic sciences 2022 / p. 1–14 : ill <https://doi.org/10.1007/s00027-022-00863-6> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube**

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Tuhtan, Jeffrey Andrew** Hydrobiologia 2018 / p. 45–60 : ill

**Flash points of gasoline from Kukersite oil shale : prediction from vapor pressure**

**Rannaveski, Rivo; Listak, Madis** Agronomy research 2018 / p. 1218-1227 : ill <https://doi.org/10.15159/AR.18.025> Journal metrics at Scopus Article at Scopus

**Foliar resistance to the late blight pathogen *Phytophthora infestans* (Mont.) de Bary in a backcross of potato (*Solanum tuberosum* L.) cultivar Ando**

Runno-Paurson, Eve; Tähtjärv, Terje; **Tönismann, Karmen; Peusa, Hilma; Jakobson, Irena; Järve, Kadri** Acta agriculturae Scandinavica. Section B, Soil and plant science 2019 / p. 631-640 : ill <https://doi.org/10.1080/09064710.2019.1629621> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Food availability and temperature optima shaped functional composition of chironomid assemblages during the Late Glacial–Holocene transition in Northern Europe**

**Stivrinš, Normunds; Belle, Simon; Trasune, Liva; Blaus, Ansis; Salonen, Sakari** Quaternary science reviews 2021 / art. 107083 <https://doi.org/10.1016/j.quascirev.2021.107083> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**From bog to fen : palaeoecological reconstruction of the development of a calcareous spring fen on Saaremaa, Estonia**

**Blaus, Ansis; Reitalu, Triin; Amon, Leeli; Vassiljev, Jüri; Alliksaar, Tiiu; Veski, Siim** Vegetation history and archaeobotany 2020 / p. 373–391 : ill <https://doi.org/10.1007/s00334-019-00748-z> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**From microbial eukaryotes to metazoan vertebrates : Wide spectrum paleodiversity in sedimentary ancient DNA over the last ~14,500 years**

Kisand, Veljo; Talas, Liisi; Kisand, Anu; Stivrinš, Normunds; **Reitalu, Triin; Alliksaar, Tiiu; Vassiljev, Jüri; Liiv, Merlin; Heinsalu, Atko; Seppä, Heikki; Veski, Siim** Geobiology 2018 / p. 628-639 : ill <https://doi.org/10.1111/gbi.12307> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Front-face fluorimeter for the determination of cutting time of cheese curd**

**Lazouskaya, Maryna; Stulova, Irina; Sõrmus, Aavo; Scheler, Ott; Tiisma, Kalle; Vinter, Toomas; Loov, Roman; Tamm, Martti** Foods 2021 / art. 576, 13 p <https://doi.org/10.3390/foods10030576> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Fungal networks and orchid distribution: new insights from above- and below-ground analyses of fungal communities**

Pecoraro, Lorenzo; Caruso, Tancredi; Cai, Lei; **Gupta, Vijai Kumar; Liu, Zhong-Jian** IMA Fungus 2018 / p. 45-66 <https://doi.org/10.5598/IMAFUNGUS.2018.09.01.01> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents**

**Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo** Marine pollution bulletin 2019 / p. 573–585 : ill <https://doi.org/10.1016/j.marpolbul.2019.02.039> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Globally consistent climate sensitivity of natural disturbances across boreal and temperate forest ecosystems**

Seidl, Rupert; Honkaniemi, Juha; Aakala, Tuomas; Aleinikov, Alexey; Angelstam, Per; Bouchard, Mathieu; Boulanger, Yan; Burton, Philip J.; De Grandpré, Louis; Gauthier, Sylvie; Hansen, Winslow D.; Jepsen, Jane U.; Jõgiste, Kalev; Kneeshaw, Daniel D.; Kuuluvainen, Timo; **Lisitsyna, Olga; Makoto, Kobayashi; Mori, Akira S.; Pureswaran, Deepa S.; Shorohova, Ekaterina; Shubnitsina, Elena; Taylor, Anthony R.; Vladimirova, Nadezhda; Vodde, Floortje; Senf, Cornelius** Ecography 2020 / p. 967-978 <https://doi.org/10.1111/ecog.04995> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**GrassPlot - a database of multi-scale plant diversity in Palaearctic grasslands**

**Reitalu, Triin; Dengler, Jürgen; Wagner, Viktoria; Pärtel, Meelis; Helm, Aveliina; Ingerpuu, Nele** Phytocoenologia 2018 / p. 331-347 <https://doi.org/10.1127/phyto/2018/0267> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Hazardous substances in the sediments and their pathways from potential sources in the eastern Gulf of Finland**

**Kuprijanov, Ivan; Väli, Germa; Sharov, Andrey; Berezina, Nadezhda; Liblik, Taavi; Lips, Urmas; Kolesova, Natalja; Maanio, Jaakko; Junttila, Ville; Lips, Inga** Marine pollution bulletin 2021 / art. 112642, 19 p. : ill <https://doi.org/10.1016/j.marpolbul.2021.112642> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Hirnantian sea-level changes in the Baltoscandian Basin, a review**

Kiipli, Enli; **Kiipli, Tarmo** Palaeogeography, palaeoclimatology, palaeoecology 2020 / art. 109524, 13 p. : ill <https://doi.org/10.1016/j.palaeo.2019.109524> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe**

Dietze, Elisabeth; Theuerkauf, Martin; Bloom, Karolina; **Poska, Anneli; Stivrinš, Normunds; Vassiljev, Jüri; Veski, Siim** Quaternary science reviews 2018 / p. 44-56 : ill <https://doi.org/10.1016/j.quascirev.2018.10.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records**

Florescu, Gabriela; Brown, Kendrick J.; Carter, Vachel A.; **Veski, Siim** Quaternary science reviews 2019 / art. 105877, 13 p. : ill <https://doi.org/10.1016/j.quascirev.2019.105877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A holocene relative sea-level database for the Baltic Sea**

Rosentau, Alar; Klemann, Volke; Bennike, Ole; Steffen, Holger; Wehr, Jasmin; Latinović, Milena; Bagge, Meike; Ojala, Antti; Berglund, Mikael; Becher, Gustaf Peterson; Schoning, Kristian; Hansson, Anton; Nielsen, Lars; Clemmensen, Lars B.; Hede, Mikkel U.; Kroon, Aart; Pejrup, Morten; Sander, Lasse; Stattegger, Karl; Schwarzer, Klaus; Lampe, Reinhard; Lampe, Matthias; Uścińowicz, Szymon; Bitinas, Albertas; Grudzinska, Ieva; **Vassiljev, Jüri**; Nirgi, Triine; Kublitskiy, Yuriy; Subetto, Dmitry Quaternary Science Reviews 2021 / Art. nr. 107071 <https://doi.org/10.1016/j.quascirev.2021.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis**

Tönno, Ilmar; Nauts, Kristiina; Belle, Simon; **Alliksaar, Tiit** Journal of paleolimnology 2019 / p. 403–417 : ill <https://doi.org/10.1007/s10933-019-00067-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Human factors and ergonomics in safety management in healthcare : building new relationships**

Sepp, Jaana; **Reinhold, Karin**; **Järvis, Marina**; **Tint, Piia** Agronomy research 2018 / p. 1862-1876 : ill <https://doi.org/10.15159/AR.18.153> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Ice cream structure modification by ice-binding proteins**

**Kaleda, Aleksei**; **Tsenov, Robert**; **Klesment, Tiina**; **Vilu, Raivo**; **Laos, Katrin** Food Chemistry 2018 / p. 164-171 <https://doi.org/10.1016/j.foodchem.2017.10.152> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017**

**Männikus, Rain**; **Soomere, Tarmo**; **Kudryavtseva, Nadezhda** Continental shelf research 2019 / p. 22–36 <https://doi.org/10.1016/j.csr.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Impact of soil inoculation with *Bacillus amyloliquefaciens* FZB42 on the phytoaccumulation of Germanium, rare earth elements, and potentially toxic elements**

Okoroafor, Precious Uchenna; Mann, Lotte; Ngu, Kerian Amin; Zaffar, Nazia; **Monei, Nthathi Lilian**; Boldt, Christin; Reitz, Thomas; Heilmeyer, Hermann; Wiche, Oliver Plants 2022 / art. 341, 16 p. : ill <https://doi.org/10.3390/plants11030341> [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](#)

### **Imprints of management history on hemiboreal forest ecosystems in the Baltic States**

Jõgiste, Kalev; Frelich, Lee E.; **Poska, Anneli** Ecosphere 2018 / art. e02503, 15 p. : ill <https://doi.org/10.1002/ecs2.2503> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues**

Karpov, V.; **Kabanen, Toivo** Agronomy research 2018 / p. 1062-1068 : ill <https://doi.org/10.15159/AR.18.043> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Indicative value and training set of freshwater organic-walled algal palynomorphs (non-pollen palynomorphs)**

Stivriņš, Normunds; Trasune, Liva; Jasiunas, Nauris; Kalnina, Laimdota; Briede, Agrita; Maksims, Alekss; Steinberga, Dace; Jeskins, Jurijs; Rendenieks, Zigmars; **Veski, Siim** Quaternary science reviews 2022 / art. 107450, 19 p. : ill <https://doi.org/10.1016/j.quascirev.2022.107450> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Individual differences in sensitivity to bitterness focusing on oat and pea preparations**

**Vaikka, Helen**; **Metsoja, Grete**; **Bljakhina, Anastassia**; **Rosenvald, Sirli** Future foods 2022 / art. 100206 <https://doi.org/10.1016/j.fufo.2022.100206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influencia de factores ambientales y biométricos en la capacidad de nado del barbo ibérico (*Luciobarbus bocagei* Steindachner, 1864), un ciprínido potamódromo endémico de la Península Ibérica**

Ruiz-Legazpi, J.; Sans-Ronda, F.J.; Bravo-Cordoba, F.J.; **Fuentes-Pérez, Juan Francisco** Limnetica 2018 / p. 251-265 : ill <https://doi.org/10.23818/limn.37.21> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **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](#)

**Integrated decision support system for pluvial flood-resilient spatial planning in urban areas**

**Truu, Murel; Annus, Ivar; Roosimägi, Janet; Kändler, Nils; Vassiljev, Anatoli; Kaur, Katrin** *Water* 2021 / art. 3340, 19 p. : ill <https://doi.org/10.3390/w13233340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Integrated hedonic-utilitarian valuation of the built environment by neutrosophic INVAR method**

Zavadskas, Edmundas Kazimieras; Kaklauskas, Arturas; Bausys, Romualdas; Naumcik, Andrej; **Ubarte, Ieva** *Land Use Policy* 2021 / Art. nr. 105150 <https://doi.org/10.1016/j.landusepol.2020.105150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Intelligent system and equipment for greenhouses monitoring**

**Penkov, Igor** *Journal of hygienic engineering and design* 2018 / p. 41-46 : ill <http://www.jhed.mk/filemanager/JHED%20Vol.%2022/03.%20FPP/01.%20Full%20paper%20-%20Igor%20Penkov.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy**

**Stivrinš, Normunds; Liiv, Merlin; Brow, Alex D.; Banerjee, Rowena Yvonne; Heinsalu, Atko; Veski, Siim** *Palaeogeography, palaeoclimatology, palaeoecology* 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.palaeo.2019.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigation of dynamic mechanical properties of Estonian clay Arumetsa during firing**

Štubna, Igor; Hulan, Tomaš; **Kaljuvee, Tiit**; Vozár, Libor *Applied clay science* 2018 / p. 23-28 : ill <https://doi.org/10.1016/j.clay.2017.11.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**IOCBIO Kinetics : an open-source software solution for analysis of data traces**

**Vendelin, Marko; Laasmaa, Martin; Kalda, Mari; Branovets, Jelena; Karro, Niina; Barsunova, Karina; Birkedal Nielsen, Rikke** *PLoS computational biology* 2020 / art. e1008475 <https://doi.org/10.1371/journal.pcbi.1008475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**IOCBIO Sparks detection and analysis software**

**Laasmaa, Martin; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko** *PeerJ* 2019 / art. e6652, 28 p. : ill <https://doi.org/10.7717/peerj.6652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Joint Business-to-Business recovery management : the moderating role of locus of failure**

**Nik Bakhsh, Naghme; Riivits-Arkonsuo, Iivi** *Agronomy research* 2021 / p. 1602–1616 <https://doi.org/10.1515/AR.21.105> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Large earthquakes in the Katun Fault zone (Gorny Altai) : Paleoseismological and archaeoseismological evidence**

Deev, Evgeny; Turova, Irina; Borodovskiy, Andrey; **Molodkov, Anatoli** *Quaternary science reviews* 2019 / p. 68–89 : ill <https://doi.org/10.1016/j.quascirev.2018.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Large herbivore population and vegetation dynamics 14,600–8300 years ago in central Latvia, northeastern Europe**

**Stivrinš, Normunds; Cerina, Aija; Galka, Mariusz; Heinsalu, Atko; Lõugas, Lembi; Veski, Siim** *Review of palaeobotany and palynology* 2019 / p. 42-51 : ill <https://doi.org/10.1016/j.revpalbo.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio**

**Liiv, Merlin; Alliksaar, Tiit; Amon, Leeli; Freiberg, Rene; Heinsalu, Atko; Reitalu, Triin; Saarse, Leili; Seppä, Heikki; Stivrinš, Normunds; Tõnno, Ilmar; Vassiljev, Jüri; Veski, Siim** *Journal of paleolimnology* 2019 / p. 1–16 : ill <https://doi.org/10.1007/s10933-018-0041-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with *Sclerotinia graminicola***

Lavanya, S.N.; Udayashankar, A.C.; Raj, S. Niranjana; Mohan, Chakrabhavi Dhananjaya; **Gupta, Vijai Kumar**; Tarasatyavati, C.; Srivastava, R.; Nayaka, S. Chandra *Biotech* 2018 / Art. nr. 475 <https://doi.org/10.1007/s13205-018-1501-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lithological and geomorphological indicators of glacial genesis in the upper Quaternary strata, Nadym River basin, Western Siberia**

Sizov, Oleg; Volvakh, Anna; **Molodkov, Anatoli**; Vishnevskiy, Andrey; Soromotin, Andrey; Abakumov, Evgeny Solid Earth 2020 / p. 2047-2074 <https://doi.org/10.5194/se-11-2047-2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Llandoverly microfossils and microfacies of the Hýskov section, Prague Basin**

Tonarova, Petra; Vodražkova, Stanislava; **Hints, Olle**; **Männik, Peep**; Kubajko, Michal; Fryda, Jiri Fossil Imprint 2019 / p. 25–43 : ill <https://doi.org/10.2478/ff-2019-0002> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Long-Term Consequences of Water Pumping on the Ecosystem Functioning of Lake Sekšu, Latvia**

Zawiska, Izabela; Dimante-Deimantovica, Inta; Luoto, Tomi P.; **Stivrīnš, Normunds** Water 2020 / art. 1459 <https://doi.org/10.3390/w12051459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Long-term mean, interannual and seasonal circulation in the Gulf of Finland - The wide salt wedge estuary or gulf type ROFI**

**Maljutenko, Ilja**; **Raudsepp, Urmas** Journal of marine systems 2019 / p. 1-19 : ill <https://doi.org/10.1016/j.jmarsys.2019.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lower and Middle Ordovician chitinozoans from Honghuayuan, South China: Biodiversity patterns and response to environmental changes**

**Liang, Yan**; **Hints, Olle**; Luan, Xiaocong; Tang, Peng; **Nölvak, Jaak**; Zhan, Renbin Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 95-105 <https://doi.org/10.1016/j.palaeo.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lühiülevaade: Ravimijäädid reoveesettes ja nende lagunemine kompostimisel – viimase aastakümne uuringud Eestis**

**Nei, Lembit**; **Haiba, Egge**; Lillenberg, Merike Agraarteadus = Journal of agricultural science 2020 / p. 47-52 <https://doi.org/10.15159/jas.20.02> <https://dea.digar.ee/cgi-bin/dea?a=cl&cl=CL1&sp=AKagraarteadus> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

**Market mapping of plant-based milk alternatives by using sensory (RATA) and GC analysis**

**Vaikma, Helen**; Kaleda, Aleksei; **Rosend, Julia**; Rosenvald, Sirli Future foods 2021 / art. 100049 <https://doi.org/10.1016/j.fufo.2021.100049> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Methane seepage at Vestnesa Ridge (NW Svalbard) since the Last Glacial Maximum**

Schneider, A.; Panieri, Giuliana; **Lepland, Aivo** Quaternary science reviews 2018 / p. 98-117 : ill <https://doi.org/10.1016/j.quascirev.2018.06.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Methodology for analysis of peptide consumption by yeast during fermentation of enzymatic protein hydrolysate supplemented synthetic medium using UPLC-IMS-HRMS**

**Arju, Georg**; **Berg, Hidde Yael**; **Lints, Taivo**; **Nisamedtinov, Ildar** Fermentation 2022 / art. 145 <https://doi.org/10.3390/fermentation8040145> [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](#)

**Mid-Holocene European climate revisited : new high-resolution regional climate model simulations using pollen-based land-cover**

Strandberg, Gustav; Lindström, Johan; **Poska, Anneli**; Zhang, Qiong; Fyfe, Ralph; Githumbi, Esther; Kjellström, Erik; Mazier, Florenze; Nielsen, Anne Birgitte; Sugita, Shinya; Trondman, Anna-Kari; Woodbridge, Jessie; Gaillard, Marie-Jose Quaternary science reviews 2022 / art. 107431, 21 p. : ill., map <https://doi.org/10.1016/j.quascirev.2022.107431> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Millennial to centennial vegetation change**

Giesecke, Thomas; Kuneš, Petr; **Reitalu, Triin** Journal of vegetation science 2018 / p. 357–359 : ill <https://doi.org/10.1111/jvs.12650> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mire plant diversity change over the last 10,000 years : Importance of isostatic land uplift, climate and local conditions**  
**Blaus, Ansis; Reitalu, Triin; Poska, Anneli; Vassiljev, Jüri; Veski, Siim** Journal of ecology 2021 / p. 3634-3651  
<https://doi.org/10.1111/1365-2745.13742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Modelling spatial dispersion of contaminants from shipping lanes in the Baltic Sea**  
**Maljutenko, Ilja; Hassellöv, Ida-Maja; Kõuts, Mariliis; Kasemets, Mari-Liis; Raudsepp, Urmas** Marine pollution bulletin 2021 / art. 112985 <https://doi.org/10.1016/j.marpolbul.2021.112985> [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](#)

**Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding**  
**Sildever, Sirje; Nishi, Noriko; Inaba, Nobuharu; Asakura, Taiga; Kikuchi, Jun; Asano, Yasuhito; Kobayashi, Takanori; Gojobori, Takashi; Nagai, Satoshi** Metabarcoding and metagenomics 2022 / art. e79471 <https://doi.org/10.3897/mbmg.6.79471> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs**  
**Liang, Yan; Bernardo, Joseph; Goldman, Daniel; Nõlvak, Jaak; Tang, Peng; Wang, Wenhui; Hints, Olle** Proceedings of the Royal Society B: Biological Sciences 2019 / art. 20191270, 8 p. : ill <https://doi.org/10.1098/rspb.2019.1270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A multi-proxy approach to constrain reducing conditions in the Baltic Basin during the late Silurian Lau carbon isotope excursion**  
**Bowman, Chelise N.; Them II, Theodore R.; Knight, Marisa D.; Kaljo, Dimitri; Eriksson, Mats E.; Hints, Olle; Martma, Tõnu; Owens, Jeremy D.; Young, Seth, A.** Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110624  
<https://doi.org/10.1016/j.palaeo.2021.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Multi-source remote sensing data reveals complex topsoil organic carbon dynamics in coastal wetlands**  
**Villoslada, Miguel; Sipelgas, Liis; Bergamo, Thaísa Fernandes; Ward, Raymond D.; Reintam, Endla; Astover, Alar; Kumpula, Timo; Sepp, Kalev** Ecological Indicators 2022 / art. 109329 <https://doi.org/10.1016/j.ecolind.2022.109329> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mutational analysis of Arabidopsis thaliana ABCE2 identifies important motifs for its RNA silencing suppressor function**  
**Mõttus, Jelena; Maiste, Siim; Eek, Priit; Truve, Erkki; Sarmiento, Graciela N.** Plant Biology 2021 / p. 21-31 : ill  
<https://doi.org/10.1111/plb.13193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Natural and human-transformed vegetation and landscape reflected by modern pollen data in the boreonemoral zone of Northeastern Europe**  
**Stivrinš, Normunds; Briede, Agrita; Steinberga, Dace; Jasiunas, Nauris; Jeskins, Jurijs; Kalnina, Laimdota; Maksims, Alekss; Rendenieks, Zigmars; Trasune, Liva** Forests 2021 / art. 1166 <https://doi.org/10.3390/f12091166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Natural weathering of bio-based façade materials**  
**Alao, Percy Festus; Visnapuu, Kevin; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan** Forests 2020 / art. 642, 12 p. : ill  
<https://doi.org/10.3390/f11060642> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**New bioclastration of a symbiont in the mantle cavity of Clitambonites schmidtii (Brachiopoda) from the Sandbian (Upper Ordovician) of Estonia**  
**Vinn, Olev; Wislon, M. A.; Isakar, Mare; Toom, Ursula** Palaios 2022 / p. 520–524 <https://doi.org/10.2110/palo.2021.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**New insights on bioactivities and biosynthesis of flavonoid glycosides**  
**Yang, Bao; Liu, Huiling; Yang, Jiali; Gupta, Vijai Kumar; Jiang, Yueming** Trends in food science & technology 2018 / p. 116–124 : ill  
<https://doi.org/10.1016/j.tifs.2018.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018**  
**Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo** Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[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](#)

**Omega-3 fatty acid and B12 vitamin content in Baltic algae**

**Luhila, Önnela;** Paalme, Tiina; Tanilas, Kristel; Sarand, Inga *Algal Research* 2022 / Art. 102860 <https://doi.org/10.1016/j.algal.2022.102860> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the degradation of metformin and carbamazepine residues in sewage sludge compost**

**Haiba, Egge; Nei, Lembit;** Herodes, Koit; **Ivask, Mari;** Lillenberg, Merike *Agronomy research* 2018 / p. 696-707 <https://doi.org/10.15159/AR.18.123> [Journal metrics at Scopus](#) [Article at Scopus](#)

**On the enigma of *Palaenigma wrangeli* (Schmidt), a conulariid with a partly non-mineralized skeleton**

Kröger, Björn; Vinn, Olev; **Toom, Ursula; Corfe, Ian J.;** Kuva, Jukka; Zaton, Michal *PeerJ* 2021 / Art. e12374 <https://doi.org/10.7717/peerj.12374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An online platform for rapid oil outflow assessment from grounded tankers for pollution response**

**Tabri, Kristjan; Heinvee, Martin; Laanearu, Janek; Kollo, Monika;** Goerlandt, Floris *Marine pollution bulletin* 2018 / p. 963-976 : ill <https://doi.org/10.1016/j.marpolbul.2018.06.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ontogeny of cardiomyocytes : ultrastructure optimization to meet the demand for tight communication in excitation–contraction coupling and energy transfer**

**Birkedal Nielsen, Rikke; Laasmaa, Martin; Branovets, Jelena; Vendelin, Marko** *Philosophical Transactions of the Royal Society B : Biological Sciences* 2022 / art. 20210321 <https://doi.org/10.1098/rstb.2021.0321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An open 3D CFD model for the investigation of flow environments experienced by freshwater fish**

**Khan, Ali Hassan;** Hussmann, Karla Ruiz; Powalla, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja; Tuhtan, Jeffrey Andrew** *Ecological Informatics* 2022 / art. 101652, 12 p. : ill <https://doi.org/10.1016/j.ecoinf.2022.101652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimising sampling frequency for monitoring heterotrophic protists in a marine ecosystem**

Lehtiniemi, Maiju; Fileman, Elanie; Hällfors, Heidi; Kuosa, Harri; Lehtinen, Sirpa; **Lips, Inga;** Setälä, Outi; Suikkanen, Sanna; Tuimala, Jarno; Widdicombe, Claire *ICES journal of marine science* 2022 / p. 925–936 : ill <https://doi.org/10.1093/icesjms/fsab132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ordovician and Silurian ichnofossils from carbonate facies in Estonia: A collection-based review**

**Toom, Ursula;** Vinn, Olev; **Hints, Olle** *Palaeoworld* 2019 / p. 123-144 : ill <https://doi.org/10.1016/j.palwor.2018.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oribatid mite (Acari : Oribatida) communities of urban brownfields in Tallinn, Estonia, and their potential as bioindicators of wasteland successional stage**

Vacht, Piret; Niglas, Helin; Kuu, Annely; Koff, Tiit; **Kutti, Sander; Raamets, Jane** *Acarologia* 2019 / p. 26-32 : tab <https://doi.org/10.24349/acarologia/20194310> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An overview of Estonian woodlice (Isopoda, Oniscidea)**

Sammet, Kaarel; Orgusaar, Getriin; **Ivask, Mari;** Kurina, Olavi *ZooKeys* 2021 / p. 1-17 : ill., map <https://doi.org/10.3897/zookeys.1067.68105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An overview of measurement standards for power quality**

**Shabbir, Noman; Kütt, Lauri; Jarkovoi, Marek; Iqbal, Muhammad Naveed; Rassõlkin, Anton; Daniel, Kamran** *Agronomy research* 2021 / p. 944–960 <https://doi.org/10.15159/ar.21.074> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Oxidation of aqueous dexamethasone solution by gas-phase pulsed corona discharge**

**Onga, Liina; Kattel-Salusoo, Eneliis; Trapido, Marina; Preis, Sergei** *Water* 2022 / art. 467 <https://doi.org/10.3390/w14030467> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidation of aqueous naproxen using gas-phase pulsed corona discharge : impact of operation parameters**

**Kopecka, Romana; Onga, Liina; Preis, Sergei** *Water* 2022 / art. 3327 <https://doi.org/10.3390/w14203327> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Palaeoecological data indicates land-use changes across Europe linked to spatial heterogeneity in mortality during the**

### **Black Death pandemic**

Izdebski, Adam; Guzowski, Piotr; Poniat, Radosław; Masci, Lucrezia; Palli, Jordan; Vignola, Cristiano; Bauch, Martin; Coccozza, Carlo; Fernandes, Ricardo; Ljungqvist, Fredrik; **Poska, Anneli; Reitalu, Triin; Stivrinš, Normunds; Veski, Siim** Nature Ecology & Evolution 2022 / p. 297-306 <https://doi.org/10.1038/s41559-021-01652-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Palaeoenvironmental and biostratigraphical implications of selected Floian and Dapingian (Ordovician) chitinozoans of the South China Palaeoplate**

**Liang, Yan; Hints, Olle;** Servais, Thomas; Luan, Xiaocong; **Nõlvak, Jaak;** Tang, Peng; Wu, Rong-Chang Lethaia 2018 / 220-231 p. : ill <https://doi.org/10.1111/let.12308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ**

Linde, Karina van der; **Timofejeva, Ljudmilla;** Egger, Rachel L.; Ilau, Birger The Plant cell 2018 / p. 528-542 : ill <https://doi.org/10.1105/tpc.17.00238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Patterns in recent and Holocene pollen accumulation rates across Europe - the Pollen Monitoring Programme Database as a tool for vegetation reconstruction**

Vojtěch, Abraham; Hicksa, Sheila; Svobodová-Svitavská, Helena; Koff, Tiiu; **Veski, Siim** Biogeosciences 2021 / p. 4511-4534 : ill <https://doi.org/10.5194/bg-18-4511-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Patterns of modern pollen and plant richness across northern Europe**

**Reitalu, Triin;** Bjune, Anne E.; Blaus, Ansis; Gesecke, Thomas Journal of ecology 2019 / p. 1662-1677 : ill <https://doi.org/10.1111/1365-2745.13134> Eesti teadlased: järvepõhjust pärit õietolm peegeldab taimede liigirikkust [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds**

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen; Tammik, Mari-Liis;** Rosenvald, Sirli; **Vilu, Raivo** Future foods 2021 / art. 100092, 8 p. : ill <https://doi.org/10.1016/j.fufo.2021.100092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study**

**Sildever, Sirje; Laas, Peeter; Kolesova, Natalja; Lips, Inga; Lips, Urmas;** Nagai, Satoshi Metabarcoding and metagenomics 2021 / p. 175-197 : ill <https://doi.org/10.3897/mbmg.5.72371> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Pollen richness : a reflection of vegetation diversity or pollen-specific parameters?**

Väli, Vivika; Odgaard, Bent Vad; Väli, Ülo; **Poska, Anneli** Vegetation history and archaeobotany 2022 / p. 611-622 <https://doi.org/10.1007/s00334-022-00879-w> [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](#)

### **Possible drill holes and pseudoborings in oboloid shells from the Cambrian/Ordovician boundary beds of Estonia and the uppermost Cambrian of NW Russia**

Vinn, Olev; Holmer, Lars E.; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** Historical Biology : An International Journal of Paleobiology 2021 / p. 3579-3584 <https://doi.org/10.1080/08912963.2021.1878355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Potassium and sodium salt stress characterization in the yeasts *Saccharomyces cerevisiae*, *Kluyveromyces marxianus*, and *Rhodotorula toruloides***

Illarionov, Aleksandr; **Lahtvee, Petri-Jaan; Kumar, Rahul, 1978-** Applied and Environmental Microbiology 2021 / art. e03100-20 <https://doi.org/10.1128/AEM.03100-20> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Potential ecotoxicological effects of antimicrobial surface coatings : a literature survey backed up by analysis of market reports**

**Rosenberg, Merilin;** Ilic, Krunoslav; Juganson, Katre; Ivask, Angela; Ahonen, Merja; Vrcek, Ivana; Kahru, Anne PeerJ 2019 / art. e6315 ; 34 p <https://doi.org/10.7717/peerj.6315> [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](#)

### **Quantification of dissolved oxygen dynamics in a semi-enclosed sea – a comparison of observational platforms**

Meyer, David; **Lips, Urmas;** Prien, Ralf D.; Naumann, Michael; **Liblik, Taavi** Continental shelf research 2018 / p. 34-45 : ill

<https://doi.org/10.1016/j.csr.2018.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quartz grains reveal sedimentary palaeoenvironment and past storm events : a case study from eastern Baltic**

Kalinska-Nartiša, Edyta; **Stivriņš, Normunds**; Grudzinska, Ieva Estuarine, coastal and shelf science 2018 / p. 359-370 : ill

<https://doi.org/10.1016/j.ecss.2017.11.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A reactive nitrogen budget for forest land and wetlands in Latvia and Estonia**

Bardule, Arta; **lītal, Arvo**; Lazdiņa, Dagnija; Karkliņa, Ilze; Libiete, Zane Scandinavian journal of forest research 2020 / p. 513-522

<https://doi.org/10.1080/02827581.2020.1825788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Recent development on sustainable biodiesel production using sewage sludge**

Srivastava, Neha; Srivastava, Manish; **Gupta, Vijai Kumar** 3 Biotech 2018 / art. 245, 11 p. : ill <https://doi.org/10.1007/s13205-018-1264-5>

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

**Recent developments and challenges of aqueous mineral carbonation : a review**

**Veetil, Sanoop Kumar Puthiya; Hitch, Michael William** International journal of environmental science and technology 2020 / p.

4359-4380 <https://doi.org/10.1007/s13762-020-02776-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Recent regime of persistent hypoxia in the Baltic Sea**

**Kõuts, Mariliis; Maljutenko, Ilja; Elken, Jüri**; Liu, Ye; Raudsepp, Urmas Environmental Research Communications 2021 / 1-17 p

<https://doi.org/10.1088/2515-7620/ac0cc4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reconstructing salinity changes and environmental influence on dinoflagellate cysts in the central Baltic Sea since the late 19th century**

**Sildever, Sirje** Estuarine, coastal and shelf science 2019 / p. 384-394 <https://doi.org/10.1016/j.ecss.2019.02.034>

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

**Reduction in spoilage microbiota and cyclopiazonic acid mycotoxin with chestnut extract enriched chitosan packaging: stability of inoculated Gouda cheese**

**Körge, Kristi**; Šeme, Helena; Bajić, Marijan; Likozar, Blaž; Novak, Uroš Foods 2020 / Art. nr. 1645

<https://doi.org/10.3390/foods9111645> [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; Wählström, 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](#)

**Resistance developments in Estonia's population of pollen beetles (*Brassicogethes aeneus*)**

**Kann, Liina**; Koppel, Mati; Kaart, Tanel; Islamov, Bulat; Sooväli, Pille; Mäe, Andres Agricultural and Food Science 2021 / p. 166-176

<https://doi.org/10.23986/afsci.108983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Resveratrol, a popular dietary supplement for human and animal health : quantitative research literature analysis - a review**

Yeung, Andy Wai Kan; Aggarwal, Bharat Bhushan; Orhan, Ilkay Erdogan; Horbańczuk, Olaf K.; Barreca, Davide; Battino, Maurizio;

Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; **Gupta, Vijai Kumar** Animal science papers and reports 2019 / p. 103-118 : ill

[https://repositorium.sdum.uminho.pt/bitstream/1822/61287/1/document\\_51935\\_1.pdf](https://repositorium.sdum.uminho.pt/bitstream/1822/61287/1/document_51935_1.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ripening of hard cheese produced from milk concentrated by reverse osmosis**

**Taivosalo, Anastassia**; Kriščiunaite, Tiina; Stulova, Irina; Part, Natalja; **Rosend, Julia**; Sörmus, Aavo; **Vilu, Raivo** Foods 2019 /

Art. nr. 165 <https://doi.org/10.3390/foods8050165> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Sensory and chemical profiles of Finnish honeys of different botanical origins and consumer preferences**

Kortesniemi, Maaria; Rosensvald, Sirl; Laaksonen, Oskar; Vanag, Anita; Ollikka, Tarja; **Vene, Kristel**; Yang, Baoru Food chemistry

2018 / p. 351-359 : ill <https://doi.org/10.1016/j.foodchem.2017.10.069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

[WOS](#) [Article at WOS](#)

**Siseõhu kvaliteet põhu- ja pilliroopakkidest seintega elumajades**

**Raamets, Jane; Ruus, Aime; Ivask, Mari; Nei, Lembit; Muoni, Karin** Agraarteadus = Journal of agricultural science 2020 / lk. 84-

95 : ill <https://doi.org/10.15159/jas.20.05> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Sixty years after the first description : genome sequence and biological characterization of European wheat striate mosaic virus infecting cereal crops**

**Sõmera, Merike**; Kvamheden, Anders; Desbiez, Cecile; Sooväli, Pille; **Gantsovski, Mark; Truve, Erkki** Phytopathology 2020 / p.

68-79 <https://doi.org/10.1094/PHYTO-07-19-0258-FI> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Small cornulitids from the Upper Ordovician (Katian) of Estonia**

Vinn, Olev; Wilson, Mark A.; Madison, Anna; **Toom, Ursula** Palaeoworld 2023 / 8 p. : ill <https://doi.org/10.1016/j.palwor.2022.12.005>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

### **Smart contracts for smart rural supply chains**

**Prause, Gunnar Klaus**; Boevsky, Ivan Bulgarian Journal of Agricultural Science 2019 / p. 454-463 : ill  
<https://www.agrojournal.org/25/03-04.html> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics WOS](#) [Article at WOS](#)

### **Soil sampling automation using mobile robotic platform**

**Väljaots, Eero**; Lehist, H.; Kiik, M.; Leemet, Tõnu Agronomy research 2018 / p. 917-922 : ill <https://doi.org/10.15159/AR.18.138>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

### **Spatial patterns of quality of historical wave climate reconstructions for the Baltic Sea**

**Räämet, Andrus**; **Soomere, Tarmo** Boreal environment research 2021 / p. 29-41 : ill <https://www.proquest.com/docview/2676153664?pq-origsite=gscholar&fromopenview=true&sourceype=Scholarly%20Journals> [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](#)

### **Springtails of flooded meadows along Matsalu Bay and the Kasari River, Estonia**

**Ivask, Mari**; **Kuu, Annely**; Meriste, Mart; **Kutti, Sander**; Palo, Anneli; **Kilki, Siim** Pedobiologia 2018 / p. 1-10  
<https://doi.org/10.1016/j.pedobi.2017.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Striped texture of submesoscale fields in the northeastern Baltic Proper : results of very high-resolution modelling for summer season**

Zhurbas, Victor; **Väli, Germa**; Kuzmina, Natalia Oceanologia 2022 / p. 1-21 : ill <https://doi.org/10.1016/j.oceano.2021.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stromatoporoid-coral/tubeworm intergrowths in the lowermost Silurian Varbola Formation of Estonia: first evidence of competitive interaction**

Jeon, Juwan; Vinn, Olev; Liang, Kun; Zapalski, M. K.; **Toom, Ursula**; Kershaw, Stephen Lethaia 2022 / p. 1-13 : ill  
<https://doi.org/10.18261/let.55.2.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Suitability of the Weber-Gut risk assessment methodology used in Central Europe for determining invasive woody plant species in Estonian historical parks**

**Nutt, Nele**; Kubjas, Ardo Forestry studies = Metsanduslikud uurimused 2020 / p. 21-33 : map <https://doi.org/10.2478/fsmu-2020-0003>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

### **Sulfoxidation regulation of Musa acuminata Calmodulin (MaCaM) influences the functions of MaCaM-binding proteins**

Jiang, Guoxiang; Wu, Fuwang; Li, Zhiwei; Li, Taotao; **Gupta, Vijai Kumar**; Duan, Xuewu; Jiang, Yueming Plant and Cell Physiology 2018 / p. 1214-1224 <https://doi.org/10.1093/pcp/pcy057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sulfurimonas subgroup GD17 cells accumulate polyphosphate under fluctuating redox conditions in the Baltic Sea : possible implications for their ecology**

Möller, Lars; **Laas, Peeter**; Rogge, Andreas; Goetz, Florian The ISME journal 2019 / p. 482-493 : ill <https://doi.org/10.1038/s41396-018-0267-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Symbiosis in trepostome bryozoans from the Sandbian (Late Ordovician) of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Historical Biology : An International Journal of Paleobiology 2022 / p. 1029-1038 : ill., map <https://doi.org/10.1080/08912963.2021.1959579> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 89-96 : ill  
<https://doi.org/10.1016/j.palaeo.2019.01.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Symbiosis of cornulitids and bryozoans in the Late Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2018 / p. 290-295 : ill <https://doi.org/10.2110/palo.2018.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Symbiosis of cornulitids with the cystoporate bryozoan Fistulipora in the Pridoli of Saaremaa, Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Lethaia 2021 / p. 90-95 : ill <https://doi.org/10.1111/let.12385> [Journal metrics at](#)

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

**Symbiosis of rugose corals with the cystoporate bryozoan *fistulipora przhidolensis* in the pridoli (Latest Silurian) of Saaremaa, Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaios 2020 / p. 237 - 244 <https://doi.org/10.2110/PALO.2020.019> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**Synergistic interaction of natamycin with carboxymethyl chitosan for controlling *Alternata alternara*, a cause of black spot rot in postharvest jujube fruit**

Gong, Liang; Zhao, Zhiyong; Yin, Chunxiao; **Gupta, Vijai Kumar**; Zhang, Xianhui; Jiang, Yueming Postharvest Biology and Technology 2019 / Art. nr. 110919 <https://doi.org/10.1016/j.postharvbio.2019.05.020> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**A synopsis of Estonian myriapod fauna (Myriapoda : Chilopoda, Diplopoda, Symphyla and Pauropoda)**

Sammet, Kaarel; **Ivask, Mari**; Kurina, Olavi ZooKeys 2018 / p. 63-96 : ill <https://doi.org/10.3897/zookeys.793.28050> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

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

Mack, Leoni; 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](#)

**The effect of flue gas explosive decompression pretreatment on methane recovery from bioethanol production waste**

Da Rocha Meneses, Lisandra Marina; **Ivanova, Anastasia**; Atouguia, Guilherme Industrial crops and products 2019 / p. 66-72 : ill <https://doi.org/10.1016/j.indcrop.2018.10.057> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**The emergence of a complex pore-canal system in the dermal skeleton of Tremataspis (Osteostraci)**

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiiu**; Fernandez, Vincent; Blom, Henning Journal of Morphology 2021 / p. 1141-1157 <https://doi.org/10.1002/jmor.21359> [Journal metrics](#) [at Scopus](#) [Article](#) [at WOS](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

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

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

**The influence of germinated hull-less barley sordough fermentation conditions on the microbiota development**

Klava, Dace; Poisa, Iveta; Reidzane, Sanita; Kince, Tatjana; Kazantseva, Jekaterina; **Traksmäa, Anna** Rural sustainability research 2021 / p. 105-115 : ill <https://doi.org/10.2478/plua-2021-0022> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#)

**The Nordic Nutrition Recommendations 2022 – food consumption and nutrient intake in the adult population of the Nordic and Baltic countries**

Warensjö Lemming, Eva; **Pitsi, Tagli** Food & Nutrition Research 2022 / p. 1-11 <https://doi.org/10.29219/fnr.v66.8572> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**The record of early Silurian climate changes from South China and Baltica based on integrated conodont biostratigraphy and isotope chemostratigraphy**

Yan, Guanzhou; Lehnert, Oliver; **Männik, Peep**; Calner, Mikael; Luan, Xiaocong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wua, Rongchang Palaeogeography, palaeoclimatology, palaeoecology 2022 / art. 111245, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2022.111245> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**The role of climate, forest fires and human population size in Holocene vegetation dynamics in Fennoscandia**

Kuosmanen, Niina; Marquer, Laurent; Tallavaara, Miikka; **Reitalu, Triin** Journal of vegetation science 2018 / p. 382–392 : ill <https://doi.org/10.1111/jvs.12601> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**The role of nearshore slope on cross-shore surface transport during a coastal upwelling event in Gulf of Finland, Baltic Sea**

**Delpêche-Ellmann, Nicole Camille**; Soomere, Tarmo; Kudryavtseva, Nadezhda Estuarine, coastal and shelf science 2018 / p. 123-135 : ill <https://doi.org/10.1016/j.ecss.2018.03.018> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

**Timing and drivers of local to regional scale land-cover changes in the hemiboreal forest zone during the Holocene : a pollen-based study from South Estonia**

**Poska, Anneli**; Väli, Vivika; **Vassiljev, Jüri**; Alliksaar, Tiiu; **Saarse, Leili** Quaternary Science Reviews 2022 / art. 107351 <https://doi.org/10.1016/j.quascirev.2021.107351> [Journal metrics](#) [at Scopus](#) [Article](#) [at Scopus](#) [Journal metrics](#) [at WOS](#) [Article](#) [at WOS](#)

### **Toward unified pH of saline solutions**

Lainela, Silvie; Leito, Ivo; Heering, Agnes; Capitaine, Gaele; Anes, Barbara; Camões, Filomena; Stoica, Daniela Water 2021 / art. 2522 <https://doi.org/10.3390/w13182522> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards understanding the abundance of non-pollen palynomorphs: a comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments**

Stivrinš, Normunds; Soininen, Janne; Tõnno, Ilmar; Freiberg, Rene; Veski, Siim; Kisand, Veljo Review of palaeobotany and palynology 2018 / p. 9-15 : ill <https://doi.org/10.1016/j.revpalbo.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland : a first look at persistent Lagrangian Coherent Structures (LCS)**

Giudici, Andrea; Suara, Kabir Adewale; Soomere, Tarmo; Brown, Richard J. Journal of marine systems 2021 / art. 103514, 8 p. : ill., map <https://doi.org/10.1016/j.jmarsys.2021.103514> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Transcriptome-wide identification of genes involved in Ascorbate–Glutathione cycle (Halliwell–Asada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet (Eleusine coracana (L.))**

Avashthi, Himanshu; Pathak, Rajesh Kumar; Pandey, Neetesh; Arora, Sandeep; Mishra, Amrendra Kumar; Gupta, Vijai Kumar; Ramteke, Pramod Wasudeo; Kumar, Anil 3 Biotech 2018 / Art. nr. 499 <https://doi.org/10.1007/s13205-018-1511-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A trophic cascade facilitates native habitat providers within assemblages of multiple invasive marine species**

Liversage, Kiran; Kotta, Jonne; Kuprijanov, Ivan; Rätsep, Margus; Nõmmaa, K. Ecosphere 2021 / p. 1-13 : ill <https://doi.org/10.1002/ecs2.3621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Turnip Mosaic Virus Transcriptional Slippage Dynamics and Distribution in RNA Subpopulations**

Kärblane, Kairi; Olsper, Allan; Firth, Andrew E. Molecular plant-microbe interactions 2022 / p. 835-844 : ill <https://doi.org/10.1094/MPMI-03-22-0060-R> [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](#)

### **Understanding the use of heterogenous data in tackling urban flooding : an integrative literature review**

Ren, Ming; Zhang, Ziqi; Zhang, Jun; Mora, Luca Water (Switzerland) 2022 / art. 2160 <https://doi.org/10.3390/w14142160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region**

Ghosh, Anusmriti; Suara, Kabir Adewale; Soomere, Tarmo; Brown, Richard J. Journal of marine systems 2022 / art. 103731 <https://doi.org/10.1016/j.jmarsys.2022.103731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Valorization of seabuckthorn pomace to obtain bioactive carotenoids: An innovative approach of using green extraction techniques (ultrasonic and microwave-assisted extractions) synergized with green solvents (edible oils)**

Sharma, Minaxi; Hussain, Shehzad; Shalima, Tatsiana; Aav, Riina; Bhat, Rajeev Industrial Crops and Products 2022 / art. 114257 <https://doi.org/10.1016/j.indcrop.2021.114257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Variability of bottom friction velocity along the inflow water pathway in the Baltic Sea**

Zhubas, Victor; Väli, Germa; Golenko, Nikolay; Paka, Vadim Journal of marine systems 2018 / p. 50-58 : ill <https://doi.org/10.1016/j.jmarsys.2018.04.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Variations in parameters of extreme value distributions of water level along the eastern Baltic Sea coast**

Soomere, Tarmo; Eelsalu, Maris; Pindsoo, Katri Estuarine, coastal and shelf science 2018 / p. 59-68 : ill <https://doi.org/10.1016/j.ecss.2018.10.010> [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](#)

### **Water quality near Estonian harbours in the Baltic Sea as observed from entire MERIS full resolution archive**

Sipelgas, Liis; Uiboupin, Rivo; Arikas, Age; Siitam, Laura Marine pollution bulletin 2018 / p. 565-574 : ill <https://doi.org/10.1016/j.marpolbul.2017.09.058> [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](#)

**Wind-driven stratification patterns and dissolved oxygen depletion off the Changjiang (Yangtze) Estuary**

**Liblik, Taavi**; Wu, Yijing; Fan, Daidu; Shang, Dinghui Biogeosciences 2020 / p. 2875–2895 : ill <https://doi.org/10.5194/bg-17-2875-2020>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Yeast performance characterisation in different cider fermentation matrices**

**Rosend, Julia**; Kuldjärv, Rain; Arju, Georg; Nisamedtinov, Ildar Agronomy research 2019 / p. 2040–2053 : ill  
<https://doi.org/10.15159/AR.19.178> [Journal metrics at Scopus](#) [Article at Scopus](#)