

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

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

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

Advances in eco-efficient agriculture: The plant-soil mycobiome

Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhani; O'Donovan, Anthonia; **Gupta, Vijai Kumar** *Agriculture* 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ALMT-independent guard cell R-type anion currents

Jaslan, Justyna; Marten, Irene; Jakobson, Liina; Arjus, Triinu; Deeken, Rosalia; **Sarmiento Guerin, Maria Cecilia**; De Angeli, Alexis; Brosche, Mikael; Kollist, Hannes; Hedrich, Rainer *New phytologist* 2023 / p. 2225-2234 <https://doi.org/10.1111/nph.19124> [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](#)

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 WOS](#) [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](#)

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

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

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

Climatic and vegetational controls of Holocene wildfire regimes in the boreal forest of northern Fennoscandia

Remy, Cecile C.; Magne, Gwenaël; Stivrins, Normunds; Aakala, Tuomas; Asselin, Hugo; Seppä, Heikki; Luoto, Tomi P.;

Jasiunas, Nauris; Ali, Adam A. Journal of ecology 2023 / p. 845-860 : ill., map <https://doi.org/10.1111/1365-2745.14065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Closing the gap between plant ecology and Quaternary palaeoecology

Reitalu, Triin; Kuneš, Petr; Giesecke, Thomas Journal of vegetation science 2014 / p. 1188-1194 <https://doi.org/10.1111/jvs.12187>

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

Composition of polysaccharides in hull-less barley sourdough bread and their impact on physical properties of bread

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **Bljaghina, Anastassia;** Kince, Tatjana;

Traksmaa, Anna; Klava, Dace Foods 2023 / art. 155 <https://doi.org/10.3390/foods12010155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Composition of the essential oil of the Rhododendron tomentosum Harmaja from Estonia

Raal, Ain; **Orav, Anne; Gretšušnikova, Tatjana** Natural product research 2014 / p. 1091-1098 : tab

<https://doi.org/10.1080/14786419.2014.907287> [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](#)

Continental dry grasslands from range margin to range centre - Editorial to the 9th dry grassland special feature

Janišová, Monika; Boch, Steffen; Ruprecht, Eszter; **Reitalu, Triin;** Becker, Thomas Tuexenia 2014 / p. 347-353 : ill

<https://doi.org/10.14471/2014.34.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CRISPR/Cas-mediated plant genome editing : outstanding challenges a decade after implementation

Cardi, Teodoro; Murovec, Jana; Bakhsh, Allah; Boniecka, Justyna; Bruegmann, Tobias; Bull, Simon E.; Eeckhaut, Tom; Fladung, Matthias; Galovic, Vladislava; Linkiewicz, Anna; Lukan, Tjaša; Mafra, Isabel; Michalski, Krzysztof; Kavas, Musa; Nicolia, Alessandro; Nowakowska, Justyna; Sagi, Laszlo; **Sarmiento Guerin, Maria Cecilia;** Yildirim, Kubilay; Zlatkovic, Milica; Hensel, Goetz; Van Laere, Katrijn Trends in plant science 2023 / p. 1144-1165 <https://doi.org/10.1016/j.tplants.2023.05.012> [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; Traksmaa, 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](#)

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 extraction method for determination of saponins in soybean-based yoghurt alternatives: effect of sample pH

Bljaghina, Anastassia; **Kuhtinskaja, Maria;** Kriščiunaite, Tiina Foods 2023 / art. 2164 <https://doi.org/10.3390/foods12112164> [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, Tiiu; 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](#)

Dry grassland of Europe: Biodiversity, classification, conservation and management - Editorial to the 8th dry grassland special feature

Becker, Thomas; **Reitalu, Triin**; Ruprecht, Eszter; Dengler, Jürgen Tuexenia 2013 / p. 285 - 291

https://www.researchgate.net/publication/256444252_Dry_grassland_of_Europe_biodiversity_classification_conservation_and_management_-_Editorial_to_the_8th_Dry_Grassland_Special_Feature Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Erratum to Long-term forest composition and its drivers in taiga forest in NW Russia (Veget Hist Archaeobot, DOI 10.1007/s00334-015-0542-y)

Kuosmanen, Niina; Seppä, Heikki; **Reitalu, Triin**; Alenius, Teija; Bradshaw, Richard H. W.; Clear, Jennifer L.; Filimonova, Ludmila; Kuznetsov, Oleg; Kuznetsov, Oleg Vegetation History and Archaeobotany 2016 / p. 237 - 238 <https://doi.org/10.1007/s00334-015-0547-6>

Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evaluation of microbial dynamics of kombucha consortia upon continuous backslopping in coffee and orange juice

Andreson, Maret; Kazantseva, Jekaterina; Malv, Esther; Kuldjärv, Rain; Priidik, Reimo; Kütt, Mary-Liis Foods 2023 / art. 3545

<https://doi.org/10.3390/foods12193545> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Evidence for scale- and disturbance-dependent trait assembly patterns in dry semi-natural grasslands

De Bello, Francesco; Vandewalle, Marie; **Reitalu, Triin**; Lepš, Jan; Prentice, Honor C.; Lavorel, Sandra; Sykes, Martin T. Journal of Ecology 2013 / p. 1237 - 1244 <https://doi.org/10.1111/1365-2745.12139> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Factors contributing to the potential expansion of Limnomonas gaiensis (Chlamydomonadales, Chlorophyta) in freshwater lakes in Northern Europe

Sildever, Sirje; Stewart, Rebecca I. A.; Tesson, Sylvie V. M. European journal of phycology 2024 / p. 169-183

<https://doi.org/10.1080/09670262.2023.2274080> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

First report of Brome mosaic virus in wheat in Estonia

Sõmera, Merike; Gantsovski, Mark; Truve, Erkki; Sooväli, Pille Plant disease 2016 / p. 2175 <https://doi.org/10.1094/PDIS-04-16-0426-PDN> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

First report of Cocksfoot mottle virus infecting wheat in Estonia

Sõmera, Merike; Sooväli, Pille New disease reports 2023 / art. e12206 <https://doi.org/10.1002/ndr2.12206> Journal metrics at Scopus Article at Scopus

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

Food leftover practices among consumers in selected countries in Europe, South and North America

Koppel, Kadri; Higa, Federica; Godwin, Sandra; **Timberg, Loreida** Foods 2016 / [14 p] <https://doi.org/10.3390/foods5030066> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fossil endocarps of Menispermaceae from the late Paleocene of Paris Basin, France

Kara, Eliise; Bardin, Jérémie; De Franceschi, Dario; Del Rio, Cédric Journal of Systematics and Evolution 2023 / p. 809 - 828 <https://doi.org/10.1111/jse.13033> 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

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

Functional responses of plant communities to management, landscape and historical factors in semi-natural grasslands

Vandewalle, Marie; Purschke, Oliver; de Bello, Francesco; **Reitalu, Triin**; Prentice, Honor C.; Lavorel, Sandra; Johansson, L.J.; Sykes, Martin T. Journal of vegetation science 2014 / p. 750-759 <https://doi.org/10.1111/jvs.12126> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Genetic variation in the moss *Homalothecium lutescens* in relation to habitat age and structure

Rosengren, Frida Kristina; Cronberg, Nils; **Reitalu, Triin**; Prentice, Honor C. Botany 2013 / p. 431-441 <https://doi.org/10.1139/cjb-2012-0258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global sampling of plant roots expands the described molecular diversity of arbuscular mycorrhizal fungi

Õpik, Maarja; Zobel, Martin; **Metsis, Madis** Mycorrhiza 2013 / p. 411-430 : ill <https://doi.org/10.1007/s00572-013-0482-2> [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](#)

A haplotype specific to North European wheat (*Triticum aestivum* L.)

Tsõmbalova, Jelena; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Genetic resources and crop evolution 2017 / p. 653-664 : ill <https://doi.org/10.1007/s10722-016-0389-9> [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](#)

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

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

Isolation and identification of novel non-dairy starter culture candidates from plant matrix using backslipping propagation

Andreson, Maret; Kazantseva, Jekaterina; Kallastu, Aili; Jakobson, Taaniel; **Sarand, Inga**; Kütt, Mary-Liis Fermentation 2024 / art. 663 <https://doi.org/10.3390/fermentation10120663> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Landscape change in central Latvia since the Iron Age : multi-proxy analysis of the vegetation impact of conflict, colonization and economic expansion during the last 2,000 years

Stivrīns, Normunds; Brown, Alex; **Reitalu, Triin**; **Veski, Siim**; **Heinsalu, Atko**; Banerjea, Rowena Yvonne; **Elmi, Kati** Vegetation History and Archaeobotany 2015 / p. 377 - 391 <https://doi.org/10.1007/s00334-014-0502-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term forest composition and its drivers in taiga forest in NW Russia

Kuosmanen, Niina; Seppä, Heikki; **Reitalu, Triin** Vegetation history and archaeobotany 2016 / p. 221-236 : ill, 237-238 <https://doi.org/10.1007/s00334-015-0542-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Macaronesian plants as promising biopesticides against the crop pest *Ceratitis capitata*

Tavares, W. R.; Jimenez, I. A.; Oliveir, L.; **Kuhtinskaja, Maria**; **Vaher, Merike**; Ros, J. S.; Seca, A. M. L.; Bazzocchi, I. L.; Barreto, M. C. Plants 2023 / art. 4122 <https://doi.org/10.3390/plants12244122> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mass entrapment and lysis of *Mesodinium rubrum* cells in mucus threads observed in cultures with *Dinophysis*

Ojamäe, Karin; Hansen, P. J.; **Lips, Inga** Harmful Algae 2016 / p. 77-84 : ill <https://doi.org/10.1016/j.hal.2016.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methanogenesis and metal leaching on anaerobic decomposition of graptolite argillite

Menert, Anne; Korb, Triin; Orupõld, Kaja; Teemusk, Alar; Sepp, Holar; Mander, Ülo; Ilmjärv, Tanel; Truu, Jaak; Paiste, Päärn; Kirsimäe, Kalle; Menert, Terje; **Kamenev, Inna**; Heinaru, Eeva; Heinaru, Ain; Kulli, Sirli Sipp; Kivisaar, Maia Environmental Technology and Innovation 2023 / art. 103139 <https://doi.org/10.1016/j.eti.2023.103139> [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, 20 p. : ill <https://doi.org/10.3390/fermentation8040145> [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](#)

Mint flavorings from candies inhibit the infectivity of *Chlamydia pneumoniae*

Hanski, Leena L.; Kapp, Karmen; Tiirola, Terttu M.; **Orav, Anne**; Vuorela, Heikki; Püssa, Tõnu; Vuorela, Pia Natural Product Communications 2016 / p. 1725 - 1728 <https://doi.org/10.1177/1934578x1601101125> [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](#)

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](#)

Mutational analysis of *Arabidopsis thaliana* ABCE2 identifies important motifs for its RNA silencing suppressor function

Mõttus, Jelena; Maiste, Siim; Eek, Priit; Truve, Erkki; Sarmiento Guerin, Maria Cecilia 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](#)

Novel insights into post-glacial vegetation change : functional and phylogenetic diversity in pollen records

Reitalu, Triin; Gerhold, Pille; **Poska, Anneli**; Pärtel, Meelis; Väli, Vivika; **Veski, Siim** Journal of Vegetation Science 2015 / p. 911 - 922 <https://doi.org/10.1111/jvs.12300> [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 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](#)

The pH tolerance range of the airborne species *Tetracystis vinatzeri* (Chlorophyceae, Chlamydomonadales)

Tesson, Sylvie V. M.; **Sildever, Sirje** European journal of phycology 2023 / 11 p <https://doi.org/10.1080/09670262.2023.2260444> [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](#)

Quantitative analysis of oat (*Avena sativa* L.) and pea (*Pisum sativum* L.) saponins in plant-based food products by hydrophilic interaction liquid chromatography coupled with mass spectrometry

Bljahhina, Anastassia; Pismennõi, Dmitri; Kriščiunaite, Tiina; Kuhtinskaja, Maria; Kobrin, Eeva-Gerda Foods 2023 / art. 991, 16 p. : ill <https://doi.org/10.3390/foods12050991> [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](#)

Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize

Moon, Jihyun; Skibbe, David; **Timofejeva, Ljudmilla** The plant journal 2013 / p. 592-602 : ill <https://doi.org/10.1111/tpj.12318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Relationships between carboxylate-based nutrient-acquisition strategies, phosphorus-nutritional status and rare earth element accumulation in plants

Wiche, Oliver; Dittrich, Christine; Pourret, Olivier; **Monei, Nthathi Lilian**; Heim, Juliane; Lambers, Hans Plant and soil 2023 / p. 645-666 : ill <https://doi.org/10.1007/s1104-023-06049-9> [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**; Sõrmus, 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](#)

The role of landscape structure in determining palynological and floristic richness

Meltsov, Vivika; **Poska, Anneli**; **Reitalu, Triin**; Sammul, Marek; Kull, Tiit Vegetation History and Archaeobotany 2013 / p. 39 - 49
<https://doi.org/10.1007/s00334-012-0358-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sexual reproduction in the phyllocladous bryophyte *Homalothecium lutescens* (Hedw.) H. Rob. in relation to habitat age, growth conditions and genetic variation

Rosengren, Frida; Cronberg, Nils; **Reitalu, Triin**; Prentice, Honor C. Journal of bryology 2014 / p. 200-208 : ill
<https://doi.org/10.1179/1743282014Y.0000000114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simple analysis of gel images with IOCBIO Gel

Kütt, Jaak; Margus, Georg; Kask, Lauri; Rätsepso, Triinu; Soodla, Kärol; Bernasconi, Romain; Birkedal, Rikke; Järv, Priit; Laasmaa, Martin; Vendelin, Marko BMC Biology 2023 / art. 225 <https://doi.org/10.1186/s12915-023-01734-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simple analysis of gel images with IOCBIO gel software

Jaska, Lucia; Birkedal, Rikke; Laasmaa, Martin; Vendelin, Marko Bio-protocol 2024 / art. e5053, 12 p
<https://doi.org/10.21769/BioProtoc.5053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Sõmera, Merike; Kvarnheden, 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](#)

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

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

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](#)

Taxon-specific pollen deposition dynamics in a temperate forest zone, SE Poland : the impact of physiological rhythmicity and weather controls

Pidek, Irena Agnieszka; **Poska, Anneli**; Kaszewski, Bogusław Michał Aerobiologia 2015 / p. 219 - 238 <https://doi.org/10.1007/s10453-014-9359-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techno-functional and sensory characterization of commercial plant protein powders

Jakobson, Kadi; Kaleda, Aleksei; Adra, Karl; Tammik, Mari-Liis; Vaikma, Helen; Kriščiunaite, Tiina; **Vilu, Raivo** Foods 2023 / art. 2805 <https://doi.org/10.3390/foods12142805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

The first annually resolved analysis of slash-and-burn practices in the boreal Eurasia suggests their strong climatic and socio-economic controls

Drobyshev, Igor; Aleinikov, Alexei; **Lisitsyna, Olga**; Aleksutin, Vadim; Vozmitel, Foma; Ryzhkova, Nina Vegetation history and archaeobotany 2024 / p. 301-312 : ill <https://doi.org/10.1007/s00334-023-00939-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The growth and nutrients status of conifers on ash-treated cutaway peatland

Kikamägi, Karin; Ots, Katri; Kuznetsova, Tatiana; **Pototski, Aleksander** Trees : structure and function 2014 / p. 53-64 : ill
<https://doi.org/10.1007/s00468-013-0929-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The in silico identification and characterization of a bread wheat/*Triticum militinae* introgression line

Abrouk, Michael; Balcarkova, Barbora; Šimkova, Hana; **Jakobson, Irena**; **Timofejeva, Ljudmilla**; **Järve, Kadri** Plant biotechnology journal 2017 / p. 249-256 : ill <https://doi.org/10.1111/pbi.12610> [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, Miiikka; **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 stability of phenolic compounds in fruit, berry, and vegetable purees based on accelerated shelf-life testing methodology

Saarniit, Kärt; Lang, Hanna; Kuldjärv, Rain; Laaksonen, Oskar; Rosenvald, Sirli Foods 2023 / art. 1777

<https://doi.org/10.3390/foods12091777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transcriptome profiling reveals insight into the cold response of perennial ryegrass genotypes with contrasting freezing tolerance

Pashapu, Akhil Reddy; Statkevičiūtė, Gražina; **Sustek-Sanchez, Ferenz**; Kovi, Mallikarjuna Rao; Rognli, Odd Arne; **Sarmiento Guerin, Maria Cecilia**; Rostoks, Nils; Jaškūnė, Kristina Plant stress 2024 / art. 100598, 11 p. : ill

<https://doi.org/10.1016/j.stress.2024.100598> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tree taxa immigration to the eastern Baltic region, southeastern sector of Scandinavian glaciation during the Late-glacial period (14,500-11,700 cal. b.p.)

Amon, Leeli; Veski, Siim; Vassiljev, Jüri Vegetation history and archaeobotany 2014 / p. 207-216 : ill [https://doi.org/10.1007/s00334-](https://doi.org/10.1007/s00334-014-0442-6)

[014-0442-6](https://doi.org/10.1007/s00334-014-0442-6) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)