

### **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 XI3 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; **Bljhhina, 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**

Bljhhina, 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](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/s00334-015-0542-y>

[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](#)

**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](#)

**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](#)

**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  
<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; Tirola, 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](#)

**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

**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: järvepõhjast 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**

**Kõrge, Kristi; Šeme, Helena; Bajić, Marijan; Likožar, 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, Nthati Lilian**; Heim, Juliane; Lambers, Hans Plant and soil 2023 / p. 645-666 : ill <https://doi.org/10.1007/s11104-023-06049-9> 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, Tiiu 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

**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](#)

**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 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, 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 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**; **Rosensvald, 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](#)

**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/s00334-014-0442-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)