

AC-link based new microgrid system for research of local power flow management

Märss, Maido; Annuk, Andres; Allik, Alo; Uiga, Jaanus Agronomy research 2014 / p. 553-562

https://agronomy.emu.ee/vol122/2014_2_26_b5.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Air quality as an important indicator for ergonomic offices and school premises

Traumann, Ada; Kritševskaja, Marina; Tint, Piia; Klauson, Deniss Agronomy research 2014 / p. 925-934 : ill

<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202531> [Journal metrics at Scopus](#) [Article at Scopus](#)

An analysis of engineering students' knowledge on the topic of occupational health and safety

Paju, Jana; Kalle, Sigrid Agronomy research 2015 / p. 810-819 : ill http://agronomy.emu.ee/vol133/13_3_19_B5.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Basic theory and methods for managing energy efficiency in consumer systems

Karpov, V.; **Kabanen, Toivo**; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. Agronomy research 2016 / p. 1619-1625 : ill

<http://agronomy.emu.ee/category/volume-14/number-5/> http://www.eester.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

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/10.15159/AR.20.233> <https://dSPACE.emu.ee/xmlui/handle/10492/5955> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cellular structures from perforated metallic tape and its application for electromagnetic shielding solutions

Mironovs, V.; Lisicins, Mihails; **Koppel, Tarmo** Agronomy research 2014 / p. 279-284 : ill <https://agronomy.emu.ee/tag/including-built-in-buildings-coll-et-al/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cellular tubular structures from perforated metallic tape and its application

Mironovs, Viktors; Boiko, Irina; **Koppel, Tarmo**; Lisicins, Mihails Agronomy research 2016 / p. 1053-1062 : ill

http://ise.elnet.ee/record=b2891944~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Change in the carbon footprint of Iranians' food consumption from 1961 to 2019 : a decomposition analysis of drivers

Bashiri, Behzad; Zehtabvar, Mehmaz; Gavrilova, O.; Vilu, Raivo Agronomy research 2023 / p. 428-438 : ill

<https://doi.org/10.15159/AR.23.018> [Journal metrics at Scopus](#) [Article at Scopus](#)

Changes in trait divergence and convergence along a productivity gradient in wet meadows

Carboni, Marta; de Bello, Francesco; Janeček, Štěpán; Doležal, Jirí; Horník, Jan; Lepš, Jan; **Reitalu, Triin**; Klimešová, Jitka

Agriculture, ecosystems and environment 2014 / p. 96-105 : ill <https://doi.org/10.1016/j.agee.2013.12.014> [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](#)

Cleaner pellet production – an energy consumption study using statistical analysis

Vigants, Haralds; **Uuemaa, Priit**; Veidenbergs, I.; Blumberga, Dagnija Agronomy research 2014 / p. 633-644 : ill

<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202498> [Journal metrics at Scopus](#) [Article at Scopus](#)

Climate change and the potential effects on runoff and nitrogen losses in the Nordic–Baltic region

Oygarden, Lillian; Deelstra, Johannes; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 114-126 : ill

<https://doi.org/10.1016/j.agee.2014.06.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of the noise levels : impact of renovation

Kalle, Sigrid; Paju, Jana Agronomy research 2016 / p. 1300-1306 : ill http://www.ester.ee/record=b1787401*est
<http://agronomy.emu.ee/category/volume-14/number-4-volume-14/> Journal metrics at Scopus Article at Scopus

Comparative study on anti-oxidant activity of garlic grown in different regions

Vokk, Raivo; Tedersoo, Erge; Lõugas, Tiina; Valgma, K.; Rosend, J. Agronomy research 2014 / p. 821-824
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202519> Journal metrics at Scopus Article at Scopus

Comparison of musculoskeletal disorders development in Estonian office and garment industry workers

Pille, Viive; Reinhold, Karin; Tint, Piia; Hartšenko, Jelena Agronomy research 2016 / p. 1435-1449 : ill
http://www.ester.ee/record=b1787401*est <http://agronomy.emu.ee/category/volume-14/number-4-volume-14/> Journal metrics at Scopus Article at Scopus

The construct of value in knowledge-intensive business service from customer's perspective : an example of a long-term training activity

Kukk, Jana; Leppiman, Anu Agronomy research 2016 / p. 91-108 : ill <http://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14No1-1.pdf> Journal metrics at Scopus Article at Scopus

Degradation of diclofenac and triclosan residues in sewage sludge compost

Haiba, Egge; Nei, Lembit; Kutti, Sander; Lillenberg, Merike; Herodes, Koit; Ivask, Mari; Kipper, Karin; Aro, Rein; Laaniste, A. Agronomy research 2017 / p. 395-405 : ill https://agronomy.emu.ee/wp-content/uploads/2017/05/Vol15nr2_Haiba.pdf#abstract-5229 Journal metrics at Scopus Article at Scopus

Determinants of fine-scale plant diversity in dry calcareous grasslands within the Baltic Sea region

Reitalu, Triin; Helm, Aveliina; Pärtel, Meelis; Bengtsson, Karin; Gerhold, Pille; Rosén, Ejvind; Takkis, Krista; Zhamenskiy, Sergey; Prentice, Honor C. Agriculture, ecosystems and environment 2014 / p. 59-68 : ill <https://doi.org/10.1016/j.agee.2012.11.005> 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

A digital transformation into occupational health and safety systems: a review of the best practices in Europe

Demikhov, O.; Opanasiuk, Y.; Demikhova, Nadiia; Merisalu, Eda Agronomy research 2023 / p. 674-692 : ill
<https://doi.org/10.15159/AR.23.083> Journal metrics at Scopus Article at Scopus

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

Effect of chemical modification of wood flour on the mechanical properties of wood-plastic composites

Kallakas, Heikko; Shamim, M. A.; Olutubo, T.; Poltimäe, Triinu; Süld, Tiia-Maaja; Krumme, Andres; Kers, Jaan Agronomy research 2015 / p. 639-653 : ill https://agronomy.emu.ee/vol133/13_3_2_B5.pdf Journal metrics at Scopus Article at Scopus

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 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 quality properties of added gluten on the texture and sensory properties of rye and buckwheat breads

Traksmäa, Anna; Kaleda, Aleksei; Nurme, Britta; Laos, Katrin Agronomy research 2023 / 13 p. : ill <https://doi.org/10.15159/ar.23.082> Journal metrics at Scopus Article at Scopus

Electromagnetic fields' exposure to head, torso and limbs in office workplaces

Vilcane, Inese; Koppel, Tarmo; Bartusauskis, J. Agronomy research 2016 / p. 1737-1744 : ill http://www.ester.ee/record=b1787401*est
<http://agronomy.emu.ee/category/volume-14/number-5/> Journal metrics at Scopus Article at Scopus

Electromagnetic fields in contemporary office workplaces

Koppel, Tarmo; Tasa, T.; Tint, Piia Agronomy research 2013 / p. 421-434 : ill
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20133221144> Journal metrics at Scopus Article at Scopus

Electromagnetic shielding properties of ceramic spheres coated with paramagnetic metal

Koppel, Tarmo; Shiskin, A.; Hussainova, Irina; Haldre, Heldur; Tint, Piia Agronomy research 2016 / p. 1015-1022 : ill http://ise.elnet.ee/record=b2891940~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

EMG measurements of thumb muscles of nurses and caregivers

Sepp, Jaana; Järvis, Marina; Tint, Piia; Siirak, Virve; Reinhold, Karin Agronomy research 2015 / p. 836-845 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153188982> [Journal metrics at Scopus](#) [Article at Scopus](#)

Ergonomics slow down ageing and postpone ageing related diseases

Kristjuhan, Ülo Agronomy research 2014 / p. 875-880 <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202525> [Journal metrics at Scopus](#) [Article at Scopus](#)

Estimation of safety performance by MISHA method and the benefits of OHSAS 18001 implementation in Estonian manufacturing industry

Paas, Önnela; Reinhold, Karin; Tint, Piia Agronomy research 2015 / p. 792-809 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153188978> [Journal metrics at Scopus](#) [Article at Scopus](#)

Ethics audit as a marketing instrument and its potential for organic farming

Ojasoo, Merle; Leppiman, Anu Agronomy research 2016 / p. 150-159 : ill http://ise.elnet.ee/record=b2860036~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Exposure to high or low frequency noise at workplaces : differences between assessment, health complaints and implementation of adequate personal protective equipment

Reinhold, Karin; Kalle, Sigrid; Paju, Jana Agronomy research 2014 / p. 895-906 : ill <https://agronomy.emu.ee/tag/frequency-analysis/> [Journal metrics at Scopus](#) [Article at Scopus](#)

Fair Trade and social responsibility - whose duty? Estonian consumers attitudes and beliefs

Riivits-Arkonsuo, Iivi; Ojasoo, Merle; Leppiman, Anu; Mänd, Kristjan Agronomy research 2017 / p. 1771-1781 : ill <https://doi.org/10.15159/AR.17.064> [Journal metrics at Scopus](#) [Article at Scopus](#)

Feasibility study of a local power supply system for sparsely populated areas in Estonia

Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Märss, Maito Agronomy research 2016 / p. 1720-1729 : ill http://www.eester.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

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; Tõnismann, Karmen; Peuša, 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](#)

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](#)

Herbage production and chemical characteristics for bioenergy production by plant functional groups from semi-natural grasslands

Melts, Indrek; Heinsoo, Katrin; Ivask, Mari Biomass and bioenergy 2014 / p. 160-166 : ill <https://doi.org/10.1016/j.biombioe.2014.04.037> [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](#)

Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries

Deelstra, Johannes; Iital, Arvo; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis Agriculture, ecosystems and environment 2014 / p. 211-219 : ill

<https://doi.org/10.1016/j.agee.2014.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification and recombinant production of a flavonoid glucosyltransferase with broad substrate specificity from *Vaccinium corymbosum*

Kukk, Kaia Journal of plant biochemistry and biotechnology 2024 / 5 p <https://doi.org/10.1007/s13562-024-00876-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC-SEC and UV-vis spectroscopy

Lepane, Viia; Depret, Laura; Väli, Anna-Liisa; Suursööt, Kristel Chemical and Biological Technologies in Agriculture 2015 / p. 1-7 : ill <https://doi.org/10.1186/s40538-015-0040-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Impact of the blending method on the melting characteristics of ashes of biomass blends

Link, Siim; Yrjas, Patrik; Hupa, L. 25th European Biomass Conference and Exhibition : 12-15 June 2017, Stockholm, Sweden : proceedings 2017 / p. 547-551 <https://doi.org/10.5071/25thEUBCE2017-2BV.1.13> [Conference proceedings at Scopus](#) [Article at Scopus](#)

[Article at WOS](#)

Improving ADM1 model to simulate anaerobic digestion start-up within inhibition phase based on cattle slurry

Normak, Argo; Suurpere, Jaak; Suitso, Indrek; Jõgi, Erkki; Kokin, Eugen; Pitk, Peep Biomass and Bioenergy 2015 / p. 260 - 266

<https://doi.org/10.1016/j.biombioe.2015.05.021> [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](#)

Improving job satisfaction with different intervention methods among the school personnel in Estonia and Latvia

Hrenov, Georgi; Vilcane, Inese; Urbane, Valentina; Tint, Piia Agronomy research 2017 / p. 1602-1612

<https://doi.org/10.15159/ar.17.012> [Journal metrics at Scopus](#) [Article at Scopus](#)

Integrating ergonomics principles and workplace health protection and promotion to improve safety and health at work - evidence from Estonia

Kuimet, Karin; Järvis, Marina; Virovere, Anu Agronomy research 2016 / p. 460-474 : ill http://ise.elnet.ee/record=b2859461~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Introduction : nitrogen losses from agriculture in the Baltic Sea region

Stalnacke, Per; Bechmann, Marianne; Iital, Arvo Agriculture, ecosystems & environment 2014 / p. 1-3

<https://doi.org/10.1016/j.agee.2014.07.009> [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, Naghmeh; Riivits-Arkonsuo, Iivi Agronomy research 2021 / p. 1602-1616 <https://doi.org/10.15159/AR.21.105> [Journal metrics at Scopus](#) [Article at Scopus](#)

Long-term monitoring of nutrient losses from agricultural catchments in the Nordic-Baltic region – a discussion of methods, uncertainties and future needs

Kyllmar, Katarina; Bechmann, Marianne; Deelstra, Johannes; Iital, Arvo; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Povilaitis, Arvydas Agriculture, ecosystems and environment 2014 / p. 4-12 : ill <https://doi.org/10.1016/j.agee.2014.07.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Management of health hazards during shale oil handling

Traumann, Ada; Tint, Piia; Järvik, Oliver; Oja, Vahur Agronomy research 2013 / p. 479-486 : ill

<https://agronomy.emu.ee/vol112/p11224.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mechanical and physical properties of thermally modified wood flour reinforced polypropylene composites

Kallakas, Heikko; Martin, Mihkel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Agronomy research 2016 / p. 994-1003 : ill http://ise.elnet.ee/record=b2891902~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Microwave treatment against the attack of wood boring in timber structures

Mölder, Heigo; Järvik, Jaan; Pilt, Kalle; Märss, Mairo; Reiska, Rein *Agronomy research* 2013 / p. 497–504 : ill

<https://agronomy.emu.ee/wp-content/uploads/2013/10/p11226.pdf#abstract-3069> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mitigating diffuse nitrogen losses in the Nordic-Baltic countries

Andersen, Hans Estrup; Blicher-Mathiesen, Gitte; Bechmann, Marianne; Povilaitis, Arvydas; **lital, Arvo**; Lagzdins, Ainis; Kyllmar, Katarina *Agriculture, ecosystems and environment* 2014 / p. 53-60 : ill <https://doi.org/10.1016/j.agee.2014.05.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The model for assessment of health risks of dust connected with wood manufacturing in Estonia

Traumann, Ada; Reinhold, Karin; Tint, Piia *Agronomy research* 2013 / p. 471-478 : ill <https://agronomy.emu.ee/vol112/p11223.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Nitrogen application, balances and their effect on water quality in small catchments in the Nordic–Baltic countries

Bechmann, Marianne; Blicher-Mathiesen, Gitte; Kyllmar, Katarina; **lital, Arvo**; Lagzdins, Ainis; Salo, Tapio *Agriculture, ecosystems and environment* 2014 / p. 104-113 : ill <https://doi.org/10.1016/j.agee.2014.04.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen content and trends in agricultural catchments in Estonia

lital, Arvo; Klõga, Marija; Pihlak, Margus; Pachel, Karin; Zahharov, Andre; **Loigu, Enn** *Agriculture, ecosystems and environment* 2014 / p. 44-53 : ill <https://doi.org/10.1016/j.agee.2014.03.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

OHSAS 18001 contribution to real and formal safety elements in safety management system in manufacturing

Paas, Önnela; Reinhold, Karin; Tint, Piia *Agronomy research* 2015 / p. 1260-1274 : ill http://agronomy.emu.ee/vol135/vol13_5_9.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

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](#)

PCR-based fingerprinting and identification of contaminative fungi isolated from rye breads

Surženko, Marianna; Kontram, Kärt; Sarand, Inga *Agronomy research* 2017 / p. 288-297 : ill https://agronomy.emu.ee/wp-content/uploads/2017/03/Vol15Nr1_Surzenko.pdf#abstract-5072 [Journal metrics at Scopus](#) [Article at Scopus](#)

Phosphorus in agricultural soils around the Baltic Sea – comparison of laboratory methods as indices for phosphorus leaching to waters

Eriksson, A. K.; **lital, Arvo** *Soil use and management* 2013 / p. 5-14 : ill <https://doi.org/10.1111/j.1475-2743.2012.00402.x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PMSG based residential wind turbines : possibilities and challenges

Bisenieks, Lauris; **Vinnikov, Dmitri**; Galkin, Ilja *Agronomy research* 2013 / p. 295-306 : ill

https://www.academia.edu/83733935/PMSG_based_residential_wind_turbines_possibilities_and_challenges [Journal metrics at Scopus](#) [Article at Scopus](#)

Possibilities of prolonging human life in the near future

Kristjuhan, Ülo *Agronomy research* 2013 / p. 435-440

https://www.researchgate.net/publication/288545939_Possibilities_of_prolonging_human_life_in_the_near_future [Journal metrics at Scopus](#) [Article at Scopus](#)

Potential effects of different irrigation and drainage regimes on yield and water productivity of two potato varieties under Estonian temperate climate

Kadaja, Jüri; **Saue, Triin** *Agricultural water management* 2016 / p. 61-71 : ill <https://doi.org/10.1016/j.agwat.2015.11.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prediction of total product composition from pyrolysis and gasification of lignocellulosic biomass : a model for reactor design and optimization

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar**; Sarker, Shiplu European biomass conference and exhibition proceedings 2023 / p. 959-965 <http://www.etaflorence.it/proceedings/> <https://doi.org/10.5071/31stEUBCE2023-5BV.10.5> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Prevention the impact of chemicals on the health of workers in fibreglass industry

Urbane, Valentina; Vilcane, Inese; **Tint, Piia**; levins, J.; Jemeljanovs, V.; Birgere, L. Agronomy research 2017 / p. 2195-2206 : ill <https://doi.org/10.15159/AR.17.038> [Journal metrics at Scopus](#) [Article at Scopus](#)

Production of crumb rubber – Iron powder mixture for perspective synthesis of carbon-iron powder sorbent

Mironovs, Viktors; Ozernovs, O.; Lapkovskis, Vjaceslavs; **Goljandin, Dmitri** Agronomy Research 2016 / p. 1063-1068 https://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14_S1_Mironovs2.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Quality labels in Estonian food market : do the labels matter?

Riivits-Arkonsuo, Iivi; Leppiman, Anu; Hartšenko, Jelena Agronomy research 2016 / p. 896-906 : ill http://ise.elnet.ee/record=b2860784~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Reducing exposure to extremely low frequency electromagnetic fields from portable computers

Koppel, Tarmo; Tint, Piia Agronomy research 2014 / p. 863-874 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202524> [Journal metrics at Scopus](#) [Article at Scopus](#)

Reprint of "Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries"

Deelstra, Johannes; **lital, Arvo**; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis Agriculture, ecosystems and environment 2014 / p. 65-73 : ill <https://doi.org/10.1016/j.agee.2014.06.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reprint of "Mitigating diffuse nitrogen losses in the Nordic-Baltic countries"

Andersen, Hans Estrup; Blicher-Mathiesen, Gitte; Bechmann, Marianne; Povilaitis, Arvydas; **lital, Arvo**; Lagzdins, Ainis; Kyllmar, Katarina Agriculture, ecosystems and environment 2014 / p. 127-134 : ill <https://doi.org/10.1016/j.agee.2014.05.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Saccharification of lignocellulosic biomasses via ionic liquid pretreatment

Aid, Tiina; Hyvärinen, S.; **Vaher, Merike; Koel, Mihkel**; Mikkola, J.-P. Industrial crops and products 2016 / p. 336-341 : ill <https://doi.org/10.1016/j.indcrop.2016.08.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sewage sludge composting and fate of pharmaceutical residues - recent studies in Estonia

Haiba, Egge; Nei, Lembit; Ivask, Mari; Järvis, Jüri; Lillenberg, Merike; Kipper, Karin; Herodes, Koit Agronomy research 2016 / p. 1583-1600 : ill http://www.ester.ee/record=b1787401*est <http://agronomy.emu.ee/category/volume-14/number-5/> [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; 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](#)

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](#)

Some practical applications of e-learning in OHS and ergonomics in higher education

Siirak, Virve; Tint, Piia; Traumann, Ada Agronomy research 2014 / p. 681-686 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202503> [Journal metrics at Scopus](#) [Article at Scopus](#)

Synergistic interaction of natamycin with carboxymethyl chitosan for controlling Alternaria alternata, 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](#)

Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries

Stalnacke, Per; Aakeroy, Paul Andreas; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 94-103 : ill <https://doi.org/10.1016/j.agee.2014.03.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temporal trends in phosphorus concentrations and losses from agricultural catchments in the Nordic and Baltic

countries

Pengerud, Annelene; Stalnacke, Per; **lital, Arvo** Acta agriculturae Scandinavica. Section B, Soil and plant science 2015 / p. 173-185 : ill <https://doi.org/10.1080/09064710.2014.993690> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing a method for evaluating the performance of coatings on end mills in semi-industrial conditions

Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; Adoberg, Eron; **Saar, Rando** Agronomy research 2014 / p. 263-268 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143184842> [Journal metrics at Scopus](#) [Article at Scopus](#)

The comparison study of office workers' workplace health hazards in different type of buildings

Vilcane, Inese; Urbane, Valentina; **Tint, Piia**; levins, J. Agronomy research 2015 / p. 846-855 : ill <https://ortus.rtu.lv/science/en/publications/20534> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 effect of static magnetic field on heart rate variability - an experimental study

Koppel, Tarmo; Vilcane, Inese; Carlberg, Michael; **Tint, Piia** Agronomy research 2015 / p. 765-774 : ill https://alephfiles.rtu.lv/TUA01/000048351_e.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

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](#)

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](#)

Water limitations on potato yield in Estonia assessed by crop modelling

Saue, Triin; Kadaja, Jüri Agricultural and forest meteorology 2014 / p. 20-28 : ill <https://doi.org/10.1016/j.agrformet.2014.03.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Water vapour transmission properties of linseed oil paint

Šemjakin, R.; **Ruus, Aime**; **Kirts, Karin**; **Tungel, Ernst** Agronomy research 2016 / p. 1107-1115 : ill http://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14_S1_Semjakin.pdf#abstract-4412 http://www.estee.ee/record=b1787401*est [Journal metrics at Scopus](#) [Article at Scopus](#)

What is the priority in the problem of ageing?

Kristjuhan, Ülo Agronomy research 2014 / p. 881-888 <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143202526> [Journal metrics at Scopus](#) [Article at Scopus](#)

Workability of older academics

Kristjuhan, Ülo; **Taidre, Erika** Agronomy research 2013 / p. 441-448 <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20133221146> [Journal metrics at Scopus](#) [Article at Scopus](#)

Workers' representation in OHS activities : example of Estonian industrial sector

Hrenov, Georgi; **Paas, Önnela**; **Tint, Piia**; **Reinhold, Karin** Agronomy research 2016 / p. 377-391 : ill http://ise.elnet.ee/record=b2859368~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Workload and health of older academic personnel using telework

Arvola, Rene; **Kristjuhan, Ülo** Agronomy research 2015 / p. 741-749 : ill https://agronomy.emu.ee/vol133/13_3_12_B5.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Work-related musculoskeletal symptoms in industrial workers and the effect of balneotherapy

Pille, Viive; Tuulik-Leisi, Varje-Riin; Saarik, S.; **Tint, Piia**; Vare, Talis; **Sepper, Ruth** Agronomy research 2015 / p. 820-828 <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153188980> [Journal metrics at Scopus](#) [Article at Scopus](#)

Yeast performance characterisation in different cider fermentation matrices

Rosend, Julia; **Kuldjävär, 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](#)

Yield, composition, and chemotypes of essential oils from *Origanum vulgare* L. aerial parts cultivated in different European countries

Raal, Ain; Gontova, Tetiana; Ivask, Anu; **Orav, Anne; Koshovyi, Oleh** Agronomy 2024 / 22 p. : ill

<https://doi.org/10.3390/agronomy14123046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)