

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; Slepiciene, 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, Mairo Agronomy research 2016 / p. 1720-1729 : ill http://www.estar.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](#)

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; Pilt, 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, Maido; Reiska, Rein Agronomy research 2013 / p. 497-504 : ill

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/10.1515/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/10.1515/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; Koskiahio, 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**; Lillenber, 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

Stalnac, 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; Stalnac, 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

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

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](#)

