

Ash behaviour of wheat straw blends with wood and reed

Link, Siim; Yrjas, Patrik; Hupa, L. Venice 2016 - Sixth International Symposium on Energy from Biomass and Waste : proceedings 2016 / p. D4-499

Characterization of a recombination hotspot in wheat using flow-sorted pollen nuclei and digital PCR

Abrouk, Michael; Zwyrtkova, Jana; Christelova, Pavla; **Jakobson, Irena; Järve, Kadri** International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0843, p. [230-231] <http://www.intlpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

Characterization of new allele influencing flowering time in bread wheat introgressed from *Triticum militinae*

Ivaničova, Zuzana; **Jakobson, Irena; Reis, Diana; Järve, Kadri** New biotechnology 2016 / p. 718-727 : ill <http://dx.doi.org/10.1016/j.nbt.2016.01.008>

The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency

Majka, Maciej; Janáková, Eva; **Jakobson, Irena; Järve, Kadri;** Cápál, Petr; Korchanová, Zuzanna; Lampar, Adam; Juračka, Jakub; Valárik, Miroslav Journal of advanced research 2023 / art. ? <https://doi.org/10.1016/j.jare.2023.01.002>

Colinearity-based marker mining for high density mapping of the wheat powdery mildew resistance locus QPm.tut-4A

Valarik, Miroslav; **Jakobson, Irena; Timofejeva, Ljudmilla;** Kladviva, Monika; **Järve, Kadri;** Doložel, Jaroslav Abstracts of the 19th International Triticeae Mapping Initiative - 3rd COST Tritigen : Clermont-Ferrand, France, August 31st - September 4th 2009 2009 / p. 88

Comparative genomic analysis of monosporidial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of *Tilletia indica* pathogen of wheat

Mishra, Pallavi; Maurya, Ranjeet; **Gupta, Vijai Kumar;** Ramteke, Pramod Wasudeo; Marla, Soma S.; Kumar, Anil Scientific reports 2019 / art. 8185, 15 p. : ill <https://doi.org/10.1038/s41598-019-44464-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil

Levandi, Tuuli 2013 <https://digi.lib.ttu.ee/i/?899> https://www.ester.ee/record=b2948245*est

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (Front. Microbiol., (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders Frontiers in microbiology 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Divergence between bread wheat and *Triticum militinae* in the powdery mildew resistance QPm.tut4A 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](#)

Eesti viljasorte saab eristada DNA-sörmejälgede abil

Laanemets, Kriitina; Ivanova, Anna; Kärblane, Kairi postimees.ee 2023 [Eesti viljasorte saab eristada DNA-sörmejälgede abil](#)

Effect of leaching pre-treatment on the char reactivity of pyrolyzed wheat straw [Electronic resource]

Link, Siim; Arvelakis, Stelios; **Paist, Aadu;** Hupa, Mikko; Yrjas, Patrik; **Külaots, Indrek** 17th European Biomass Conference & Exhibition : from Research to Industry and Markets : proceedings of the International Conference held in Hamburg, Germany, 29 June - 3 July 2009 2009 / p. 1113-1121 [DVD]

Effect of N fertilisation on the content of chemical components in wheat grown in Estonia

Veskus, Tiina Food and nutrition = Toit ja toitumine 2002 / p. 62-71

Efficient barrier properties of mechanically enhanced agro-extracted cellulosic biocomposites

Qasim, Umair; Fatima, R.; Usman, M. Materials today chemistry 2020 / art. 100378, 8 p. : ill <https://doi.org/10.1016/j.mtchem.2020.100378>

Evaluation of the free radical scavenging capability of wheat extracts by capillary electrophoresis and multivariate curve resolution

Helmja, Kati; Vaher, Merike; Kaljurand, Mihkel Electrophoresis 2011 / 9, p. 1094-1100 : ill

Fenoolsete ühendite sisaldus ja antioksidatiivsus erinevates nisusortides ja nisutera fraktsioonides

Matso, Kersti; Vaher, Merike; Helmja, Kati; Levandi, Tuuli; Kaljurand, Mihkel XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 56

First report of Brome mosaic virus in wheat in Estonia

Sõmera, Merike; Gantsovski, Mark; Truve, Erkki; Sooväli, Pille Plant disease 2016 / p. 2175 <http://dx.doi.org/10.1094/PDIS-04-16-0426-PDN>

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>

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](#)

Genetic control of the wheat *Triticum monococcum* L. resistance to powdery mildew

Lebedeva, T.V.; **Peuša, Hilma** Russian journal of genetics 2006 / 1, p. 60-66
https://www.researchgate.net/publication/7253959_Genetic_control_of_the_wheat_Triticum_monococcum_L_resistance_to_powdery_mildew

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
<http://dx.doi.org/10.1007/s10722-016-0389-9>

High density mapping of powdery mildew resistance gene *Qpm.Tut-4A* introgressed to bread wheat from *Triticum militinae*

Kominkova, Eva; Balcarkova, Barbora; Abrouk, Michael; **Reis, Diana; Jakobson, Irena; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla;** Doležel, Jaroslav; Valarik, Miroslav Plant and Animal Genome Conference XXIV : the International Conference on the Status of Plant & Animal Genome Research : January 9-13, 2016, Town & Country Hotel, San Diego, CA 2016 / p. P0872 : ill

In-silico identification and characterization of wheat 4AL - *Triticum militinae* Introgression

Abrouk, Michael; **Jakobson, Irena; Järve, Kadri** XXII International Plant & Animal Genome Conference : January 10-14, 2014, San Diego, CA, USA : [abstracts] 2014 / p. P214

Metatranscriptome analysis deciphers multifunctional genes and enzymes linked with the degradation of aromatic compounds and pesticides in the wheat rhizosphere

Singh, Dhananjaya P.; Prabha, Ratna; **Gupta, Vijai Kumar;** Verma, Mukesh K. Frontiers in microbiology 2018 / art. 1331, 15 p. : ill
<https://doi.org/10.3389/fmicb.2018.01331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitigation of salinity stress in wheat seedlings due to the application of phytohormone-rich culture filtrate extract of methylotrophic actinobacterium *Nocardioide* sp. NIMMe6

Meena, Kamlesh K.; Bitla, Utkarsh M.; Sorty, Ajay M.; Singh, Dhananjaya P.; **Gupta, Vijai Kumar;** Wakchaure G.C.; Kumar, Satish Frontiers in microbiology 2020 / art. 2091, 16 p. : ill. <https://doi.org/10.3389/fmicb.2020.02091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nisu haiguskindluse geneetiline kontroll

Peuša, Hilma; Enno, Tamara; **Järve, Kadri;** Priilinn, Oskar Agraarteadus 2001 / 4, lk. 219-223

Nisu- ja kaerakliid

Täht, Riina Tervis Pluss 2004 / sept., lk. 67

Phenolic compounds and the antioxidant activity of the bran, flour and whole grain of different wheat varieties

Vaher, Merike; Matso, Kersti; Levandi, Tuuli; Helmja, Kati; Kaljurand, Mihkel Procedia chemistry 2010 / p. 76-82 : ill
<https://www.sciencedirect.com/science/article/pii/S1876619609004094>

Polüsahhariidide sisaldus Eesti nisu

Veskus, Tiina XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 153

Polysaccharide composition of Estonian wheat

Veskus, Tiina 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 161

Principal component analysis of HPLC-MS/MS patterns of wheat (*Triticum aestivum*) varieties

Levandi, Tuuli; Püssa, Tõnu; **Vaher, Merike;** Ingver, Anne; Koppel, Reine; **Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences 2014 / p. 86-92 : ill https://artiklid.elnet.ee/record=b2665228*est

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 variations of *T. militinae* locus introgressed into wheat chromosome arm 4AL and conferring improved

powdery mildew resistance

Kominkova, Eva; **Jakobson, Irena**; **Järve, Kadri**; **Peuša, Hilma**; Abrouk, Michael; **Timofejeva, Ljudmilla**; Doležel, Jaroslav; Valarik, Miroslav International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0896, p. [245] <http://www.intpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

A study of primary oxidation products of free polyunsaturated fatty acids in wheat varieties

Vaher, Merike; **Levandi, Tuuli**; Püssa, Tõnu; Toomik, Peeter; **Kaljurand, Mihkel** Proceedings of World Congress on Oils and Fats & 28th ISF Congress : Sydney, Australia, 27-30 September 2009 / ? p

A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated

Sõmera, Merike; Massart, Sebastien; Tamisier, Lucie; **Sooväli, Pille**; Sathees, Kanitha Frontiers in microbiology 2021 / art. 673218 <https://doi.org/10.3389/fmicb.2021.673218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teadlased kindlustavad nisu seenhaiguste vastu : [TTÜ geenitehnoloogia instituudi katsetustest : lühisõnum]

Imeline Teadus 2013 / lk. 96

The chemical composition of wheat grown in Estonia

Veskus, Tiina; Nõges, M. LUA proceedings 1997 / 12, p. 13-16

The effect of Sorbus aucuparia on the quality of wheat and rye bread

Täht, Riina; **Kann, Aino** Kemia-kemi = [Finnish chemistry] 1991 / p. 950 https://www.ester.ee/record=b1201067*est

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://dx.doi.org/10.1111/pbi.12610>

The storage proteins of hexaploid wheat and their relation to bread-making quality

Tohver, M. Food and nutrition = Toit ja toitumine 1998 / p. 68-75: ill

Triticum militinae introgressions into bread wheat affect host responses to powdery mildew challenge [Online resource]

Islamov, Bulat; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 34 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Uus nisu ei haigestu seenhaigustesse

Sammler, Lii Maaleht 2021 / Lk. 22 : fot <https://dea.digar.ee/article/maaleht/2021/05/27/14.5>

Использование пшеничных отрубей в мучных кондитерских изделиях

Lipre, Endla Тезисы докладов 2-й всесоюзной научной конференции "Проблемы индустриализации общественного питания страны", 12-14 декабря 1989 г. 1989 / с. ? https://www.ester.ee/record=b1073047*est

Использование пшеничных отрубей в мучных кондитерских изделиях

Lipre, Endla; **Nurmes, K.**; **Liiva, M.** Вопросы повышения качества пищевых продуктов 1988 / с. 23-30

Исследование продуктов гидролиза пшеничного крахмала биопрепаратом

Liebert, Tiit Технология пищевых производств. 2 1971 / с. 59-62 : илл https://www.ester.ee/record=b1475923*est <https://digikogu.taltech.ee/et/Item/63f3c26f-8104-4e33-a10e-83512b7e2b87/>

Пшеничные отруби и их применение в пищевой промышленности

Järv, E.; **Tomson, H.**; **Veskus, Tiina**; **Kann, Aino** XXXII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1988 г. : тезисы докладов : [в 3-х частях], ч. 2 1988 / с. 81 https://www.ester.ee/record=b1571601*est