

Active chitosan–chestnut extract films used for packaging and storage of fresh pasta

Kõrge, Kristi; Bajić, Marijan; Likožar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052
<https://doi.org/10.1111/ijfs.14569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aldehyde inhibition of antioxidant enzymes in the blood of diabetic patients

Lankin, Vadim Z.; Kononova, Galina G.; Tikhaze, Alla K.; Viigimaa, Margus Journal of Diabetes 2016 / p. 398-404 : tab
<https://doi.org/10.1111/1753-0407.12309> [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](#)

Antibacterial Properties of Submerged Cultivated Fomitopsis pinicola, Targeting Gram-Negative Pathogens, Including Borrelia burgdorferi

Bragina, Olga; Kuhtinskaja, Maria; Elisashvili, Vladimir; Asatiani, Mikheil; Kulp, Maria Sci 2025 / art. 104
<https://doi.org/10.3390/sci7030104>

Antifungal activity of medicinal mushrooms and optimization of submerged culture conditions for Schizophyllum commune (Agaricomycetes)

Berikashvili, Violeta; Khardziani, Tamar; Kobakhidze, Aza; Kulp, Maria; Kuhtinskaja, Maria; Lukk, Tiit; Gargano, Maria; Venturella, Giuseppe; Kachlishvili, Eka; Metreveli, Eva; Elisashvili, Vladimir; Asatiani, Mikheil International journal of medicinal mushrooms 2023 / p. 1-21 <https://doi.org/10.1615/IntJMedMushrooms.2023049836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antimicrobial and antioxidative properties of kitchen herbs

Vokk, Raivo; Loomägi, Tiiu Proceedings of the LUA. B, Technical sciences 1997 / 12 (289), p. 94-96

Antimicrobial and antioxidative properties of kitchen herbs

Vokk, Raivo; Loomägi, Tiiu World Congress on Food Hygiene, August 24-29, 1997, The Hague, Netherlands : proceedings 1997 / p. 246

Antioxidant chemistry of graphene-based materials and its role in oxidation protection technology

Qiu, Yang; Wang, Zhongying; Külaots, Indrek Nanoscale 2014 / p. 11744-11755 : ill

Antioxidative and anti-borrelia effects of plantago species

Laanet, Pille-Riin; Drošnova, Regina; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike Proceedings 2023 / art. 6
<https://doi.org/10.3390/proceedings2023092006>

Automatic spot preparation and image processing of paper microzone-based assays for analysis of bioactive compounds in plant extracts

Vaher, Merike; Borissova, Maria; Seiman, Andrus; Aid, Tiina; Kolde, Helen; Kazarjan, Jana; Kaljurand, Mihkel Food chemistry 2014 / p. 465-471 : ill <https://doi.org/10.1016/j.foodchem.2013.08.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioactive components of the hop strobilus : comparison of different extraction methods by capillary electrophoretic and chromatographic methods

Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Kamsol, Kristjan; Orav, Anne; Kaljurand, Mihkel Journal of chromatography A 2007 / p. 222-229 : ill
https://www.academia.edu/60646251/Bioactive_components_of_the_hop_strobilus_Comparison_of_different_extraction_methods_by_capillary_electrophoretic_and_chromatographic_methods

Bioaktiivsete ühendite lahutamise ja antioksidatiivsuse hindamine maavitsaliste perekonda Solanaceae kuuluvatel taimedel

Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Kaljurand, Mihkel XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 36-37

Chemical composition of red wines made from hybrid grape and common grape (Vitis vinifera L.) cultivars

Pedastsaar, Prit; Vaher, Merike; Helmja, Kati; Kulp, Maria; Kaljurand, Mihkel; Karp, Kadri; Raal, Ain; Karathanos, Vaio; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est
<https://doi.org/10.3176/proc.2014.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 the composition of phenolic acids and antioxidativity of different wheat varieties

Matso, Kersti; Levandi, Tuuli; Helmja, Kati; Vaher, Merike NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 116

Comparison of the contents of various antioxidants of sea buckthorn berries using CE

Gorbatšova, Jelena; Lõugas, Tiina; Vokk, Raivo; Kaljurand, Mihkel Electrophoresis 2007 / p. 4136-4142 : ill

Composition, physico-chemical properties and antioxidant activity of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 125

The composition, physicochemical properties, antioxidant activity, and sensory properties of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; **Martverk, Kaie;** Rosenväld, 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](#)

Determination of metal content in superoxide dismutase enzymes by capillary electrophoresis

Kazarjan, Jana; Vaher, Merike; Hunter, Therese; **Kulp, Maria;** Hunter, Gary James; Bonetta, Rosalin; Farrugia, Diane; **Kaljurand, Mihkel** Journal of separation science 2015 / p. 1042-1045 : ill

<https://doi.org/10.1002/jssc.201400925> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the content and profile of phenolic compounds related to the antioxidant activity for a variety of North Europe berries by capillary electrophoresis

Ehala, Sille; Vaher, Merike; Kaljurand, Mihkel 29th International Symposium on High Performance liquid Phase Separations and Related Techniques 2005 / p. 686

Development and application of various on- and off-line analytical methods for the analysis of bioactive compounds = Mitmemõõtmeliste analüüsimeetodite väljatöötamine ja rakendamine bioaktiivsete ühendite analüüsil

Ehala, Sille 2006 <https://digi.lib.ttu.ee/i/?102> https://www.ester.ee/record=b2148215*est

Effect of selenium treatment on mineral nutrition, bulb size, and antioxidant properties of garlic (Allium sativum L.)

Põldma, Priit; Tõnutare, Tõnu; Viitak, Anu; Luik, Anne; Moor, Ulvi Journal of agricultural and food chemistry 2011 / p. 5498-5503 : ill

Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy

Velthut, Agne; Zilmer, Mihkel; Zilmer, Kersti; Kaart, Tanel; Karro, Helle; **Salumets, Andres** Reproductive BioMedicine online 2013 /

p. 345-352 <https://doi.org/10.1016/j.rbmo.2012.12.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2018 / art. 4650, 1 p.

<https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Essential oil from onion

Lõugas, Tiina; Tõnisson, Hanna Reti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 133

Estonian honey as an anti-Borrelia agent

Laanet, Pille-Riin; Jõul, Piia; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike 17th International Scientific Conference "The Vital Nature Sign" : abstract book 2023 / p. 56 <https://portalcris.vdu.lt/server/api/core/bitstreams/a4a6a213-9383-4153-9beb-4d13026e58e5/content>

Evaluation of antioxidative capability of the tomato (Solanum lycopersicum) skin constituents by capillary electrophoresis and high-performanced liquid chromatography

Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Raudsepp, Piret; **Kaljurand, Mihkel** Electrophoresis 2008 / p. 3980-3988 : ill

<https://pubmed.ncbi.nlm.nih.gov/18958890/>

Evaluation of marine macroalgae as antioxidants in foods

Kodis, Ingrid; Kütt, Mary-Liis; Huusfeldt, Trine; Stagsted, Jan Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 101 https://www.ester.ee/record=b1189751*est

Fenoolsete ühendite sisaldus ja antioksidatiivsus erinevates niusortides 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

Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary

metabolites production

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar**; Sharma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2017 / art. 11809, 17 p.

<https://doi.org/10.1038/s41598-017-12235-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of endogenous antioxidants and their synthetic analogues by capillary electrophoresis = Endogeensete antioksidantide ja nende sünteetiliste analoogide uurimine kapillaarelektroforeesi meetodil

Kazarjan, Jana 2016 https://www.ester.ee/record=b4535586*est

Koroona vastu näitab tõhusust üllatav aine [Võrguväljaanne]

Liebert, Tiiu postimees.ee 2022 "[Koroona vastu näitab tõhusust üllatav aine](#)"

Kuidas tõmmata mälu halvenemisele õigete valikutega pidur peale

Liebert, Tiiu Tervis 2023 / Lk. 2

Lipidomic profile of rhodotorula toruloides by GC/MS and antioxidant capacity of the oil by DPPH and TLC-plate methods

Santos, Alberdan S.; Salgado, Hugo L. C.; **Bonturi, Nemailla**; de Mello, Ricardo F. A.; da Conceição, Laiza de K. M.; Miranda, Everson Alves South African journal of chemistry 2021 / p. 162-167 http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S0379-43502021000100021 <en

Looduse vägi ja teadus käsikäes: Tilk! ja TalTechi teadlased panid musta küüslaugu kreemipurki [Võrguväljaanne]

postimees.ee 2022 "[Looduse vägi ja teadus käsikäes: Tilk! ja TalTechi teadlased panid musta küüslaugu kreemipurki](#)"

Looduskosmeetikabränd Tilk üllatab musta küüslauguga [Võrguväljaanne]

Bioneer.ee 2021 "[Looduskosmeetikabränd Tilk üllatab musta küüslauguga](#)"

Male infertility: Decreased levels of selenium, zinc and antioxidants

Türk, Silver; Mändar, Reet; Mahlapuu, Riina; **Viitak, Anu**; Punab, Margus; Kullisaar, Tiiu Journal of trace elements in medicine and biology 2014 / p. 179-185 <https://doi.org/10.1016/j.jtemb.2013.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methods of comparative analysis of the free radical scavenging capability of components of antioxidant mixtures

Püssa, Tõnu; **Vaher, Merike**; **Helmja, Kati**; Raudsepp, Piret; **Kaljurand, Mihkel** NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 56

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Must küüslauk kreemipurgis – väekas nahaprobleemide ennetaja, akne leevendaja ja noorendaja [Võrguväljaanne]

tervise.geenius.ee 2022 "[Must küüslauk kreemipurgis – väekas nahaprobleemide ennetaja, akne leevendaja ja noorendaja](#)"

Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (Ribes uva-crispa L.) extracted using green techniques (UAE-citric acid-mediated extraction)

Hussain, Shehzad; Sharma, Minaxi; **Jarg, Tatsiana**; **Aav, Riina**; Bhat, Rajeev Current research in food science 2023 / art. 100629 <https://doi.org/10.1016/j.crfs.2023.100629> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

PCSK9 Inhibitor causes a decrease in the level of oxidatively modified low-density lipoproteins in patients with coronary artery diseases

Lankin, Vadim Z.; Tikhaze, Alla K.; **Viigimaa, Margus**; **Chazova, Irina Evgenevna** Terapevticheskii Arkhiv 2018 / p. 27-30 <https://doi.org/10.26442/terarkh201890927-30> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pharmacological significance of MitoQ in ameliorating mitochondria-related diseases

Sulaimon, Lateef Adegboyega; Afolabi, Lukman Olalekan; Adisa, Rahmat Adetutu; **Ayankojo, Akinrinade George**; Afolabi, Mariam Olanrewaju; Adewolu, Abiodun Mohammed; Wan, Xiaochun Advances in Redox Research 2022 / art. 100037 <https://doi.org/10.1016/j.arres.2022.100037>

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>

Phytochemical screening and antioxidant activity of selected Estonian Galium species

Laanet, Pille-Riin; Saar-Reismaa, Piret; **Jõul, Piia**; **Bragina, Olga**; **Vaher, Merike** Molecules 2023 / art. 2867

<https://doi.org/10.3390/molecules28062867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plant material with antimicrobial and anti-oxidative activities

Vokk, Raivo; Lõugas, Tiina; Laos, Katrin; Kravets, Marina FOODBALT-2012 : 7th Baltic Conference on Food Science and Technology "Innovative and Healthy Food for Consumers", May 17-18, 2012 : abstracts 2012 / p. 151

Plantago major and Plantago lanceolata Exhibit Antioxidant and Borrelia burgdorferi Inhibiting Activities

Laanet, Pille-Riin; Bragina, Olga; Jõul, Piia; Vaher, Merike International journal of molecular sciences 2024 / art. 7112
<https://doi.org/10.3390/ijms25137112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polüfenoolsete ühendite antioksidatiivsuse hindamine kapillaarelektroforeetiliselt ja vedelik-kromatograafiliselt

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

Ravimatut Wilsoni tõbe aitab kontrolli all hoida looduslik antioksidant

Эстонские ученые обнаружили лечебные свойства у популярного антиоксиданта

Palumaa, Peep novaator.err.ee 2023 [Ravimatut Wilsoni tõbe aitab kontrolli all hoida looduslik antioksidant](#) [Эстонские ученые обнаружили лечебные свойства у популярного антиоксиданта](#)

Saaremaal asutatud looduskosmeetikabränd tutvustas ilugurmaanidele uut erilist nahahooldussarja [Võrguväljaanne]

annestiil.delfi.ee 2021 ["Saaremaal asutatud looduskosmeetikabränd tutvustas ilugurmaanidele uut erilist nahahooldussarja "](#)

Savory (Satureja hortensis) as a natural antioxidant

Vokk, Raivo Proceedings of the Estonian Academy of Sciences. Biology 1996 / p. 73-75: ill https://www.ester.ee/record=b1072096*est

Study on sea buckthorn (Hippophae rhamnoides L.) pigments as potential antioxidants

Lõugas, Tiina; Vokk, Raivo Pigments in food, more than colours 2004 / p. 238-240 : ill

Teadlane annab nõu, kuidas pidurdada mälu halvenemist

Liebert, Tiit postimees.ee 2023 [Teadlane annab nõu, kuidas pidurdada mälu halvenemist](#)

The development of paper microzone-based green analytical chemistry methods for determining the quality of wines

Vaher, Merike; Kaljurand, Mihkel Analytical and bioanalytical chemistry 2012 / [7 p.] : ill

https://www.researchgate.net/publication/221877797_The_development_of_paper_microzone-based_green_analytical_chemistry_methods_for_determining_the_quality_of_wines

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](#)

Vitamin C and other antioxidants in sea buckthorn Hippophae rhamnoides L

Sillamaa, Triinu Food and nutrition = Toit ja toitumine 2001 / p. 55-56

Влияние антиокислителей на качество рыбьего жира в рыбной муке

Tedersoo, Erge Вопросы повышения качества пищевых продуктов 1982 / с. 127-132 : ил https://www.ester.ee/record=b1301530*est

<https://digikogu.taltech.ee/et/Item/8ef282d6-1eb3-4947-8e29-2bcd6f5a7cc>

Влияние антиокислителя на качество гранулированных кормов при хранении

Tedersoo, Erge; Tauts, Olev Вопросы повышения качества пищевых продуктов 1988 / с. 60-66

Сланцевые алкилрезорцины - перспективное сырье для получения биоантиоксидантов

Mölder, Leevi; Tamvelius, Hindrek "Биоантиоксидант", всесоюзное совещание. Тезисы всесоюзного совещания

"Биоантиоксидант", 16-18 мая 1983 г. 1983 / с. 96-97