

Analysis of the stable free radical scavenging capability of artificial polyphenol mixtures and plant extracts by capillary electrophoresis and liquid chromatography-diode array detection-tandem mass spectrometry

Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Kaljurand, Mihkel Journal of chromatography A 2009 / p. 2417-2423 : ill

Chemical Composition and Antibacterial Effect of Mentha spp. Grown in Estonia

Kapp, Karmen; Püssa, Tõnu; Orav, Anne; Roasto, Mati; Raal, Ain; Vuorela, Pia; Vuorela, Heikki; Tammela, Päivi Natural product communications 2020 / 14 p <https://doi.org/10.1177/1934578X20977615> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Pedastsaar, Priit; 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

Commercial peppermint (Mentha x piperita L.) teas : antichlamydial effect and polyphenolic composition

Kapp, Karmen; Hakala, Elina; Orav, Anne Food research international 2013 / p. 758-766 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0963996913001087> <https://doi.org/10.1016/j.foodres.2013.02.015> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparative fingerprint of medicinal herb polyphenols and chemometric analysis

Mazina, Jekaterina; Vaher, Merike; Borissova, Maria; Kaljurand, Mihkel 29th International Symposium on Chromatography : Torun, September 9-13, 2012 : abstract book 2012 / p. 184

Comparative study of antioxidant capacity of Rheum raphanistrum root polyphenols

Raudsepp, Piret; Helmja, Kati; Raal, Ain; Vaher, Merike; Püssa, Tõnu XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th-11th July 2008. Volume 1 2008 / p. 231-232 : ill https://www.researchgate.net/publication/286933217_Comparative_study_of_antioxidant_capacity_of_Rheum_raphanistrum_root_polyphenols

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; Rosenvald, Sirli; Timberg, Loreida; Laos, Katrin Foods 2021 / art. 511, 14 p <https://doi.org/10.3390/foods10030511> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comprehensive investigation of St. John's Wort (Hypericum perforatum) : polyphenolic compounds, essential oils and metals

Helmja, Kati; Vaher, Merike; Orav, Anne; Viitak, Anu; Püssa, Tõnu; Kaljurand, Mihkel 14th International Symposium on Separation Science : Primosten, Croatia, 30 Sept. - 3 Oct. 2008 2008 / p. 59

Content of essential oil, terpenoids and polyphenols in commercial chamomile (Chamomilla recutita L. Rauschert) teas from different countries

Raal, Ain; Orav, Anne; Püssa, Tõnu; Valner, Catri; Malmiste, Birgit; Arak, Elmar Food chemistry 2012 / p. 632-638 : ill <https://www.sciencedirect.com/science/article/pii/S0308814611013008>

Determination of phenolic compounds and their antioxidative capability in plant extracts = Meetodid fenoolsete ühendite määramiseks ja nende antioksüdatiivsuse hindamiseks

Helmja, Kati 2010 https://www.ester.ee/record=b2561129*est

Extraction of polyphenols from plants with modified supercritical carbon dioxide

Sokolova, Maia; Vaher, Merike; Koel, Mihkel Proceedings of the 8th Meeting on Supercritical Fluids. Chemical Reactivity and Material Processing in Supercritical Fluids, 2002, Nice. Tome 2 2002 / p. 885-888

Keha laastavast kroonilisest põletikust aitab hoiduda õige toitumine

Liebert, Tiit postimees.ee 2023 / Lk. 7 Teadlane selgitab, kuidas vabaneda kehas tekkivast ohtlikust põletikust <https://dea.digar.ee/article/postimees/2023/02/01/8.2>

Modification of conductive properties and processability of polyparaphenylene, polypyrrole and polyaniline

Golovtsov, Igor 2005 https://www.ester.ee/record=b2097077*est

Non-aqueous capillary electrophoretic separation of polyphenolic compounds in wine using coated capillaries at high pH in methanol

Demjanova, Z.; Siren, H.; Kuldvee, Ruth; Riekkola, Marja-Liisa Electrophoresis 2003 / p. 4261-4271 <https://pubmed.ncbi.nlm.nih.gov/14679573/>

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](#)

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

Polyphenolic composition and antichlamydial effect of commercial peppermint (*Mentha x piperita* L.) teas

Kapp, Karmen; Hakala, Elina; Püssa, Tõnu; Orav, Anne; Raal, Ain; Hanski, L. *Planta medica* 2013 / p. 1224

Resveratrooli sisalduse uurimine *Reynoutria japonica*'s

Aaviksaar, A.; Haga, M.; Hansen, M.; Kann, Jüri; Koel, Mihkel; Püssa, Tõnu; Vaher, Merike XXVII Eesti keemiapäevad :

teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 15

Scaffold of selenium nanovectors and honey phytochemicals for inhibition of *Pseudomonas aeruginosa* quorum sensing and biofilm formation

Prateeksha; Singh, Braj R.; Shueb, M.; Sharma, S.; Naqvi, A.H.; Gupta, Vijai Kumar; Singh, Brahma N. *Frontiers in cellular and*

infection microbiology 2017 / art. 93, 14 p. : ill <https://doi.org/10.3389/fcimb.2017.00093> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Separation of polyphenolic compounds extracted from plant matrices using capillary electrophoresis

Vaher, Merike; Koel, Mihkel *Journal of chromatography A* 2003 / p. 225-230 : ill

Separation of polyphenols and L-ascorbic acid and investigation of their antioxidant activity by capillary electrophoresis

Ehala, Sille; Vaher, Merike; Kaljurand, Mihkel *Proceedings of the Estonian Academy of Sciences. Chemistry* 2004 / 1, p. 21-35 : ill

The separation of polyphenolic compounds extracted from plant matrices using capillary electrophoresis

Vaher, Merike; Koel, Mihkel *The 13th International Symposium on Capillary Electrophoresis Techniques*, September 1-4, 2002,

Helsinki : abstracts 2002 / p. 75

The stability of phenolic compounds in fruit, berry, and vegetable purees based on accelerated shelf-life testing methodology

Saarniit, Kärt; Lang, Hanna; Kuldjärv, Rain; Laaksonen, Oskar; Rosenvald, Sirli *Foods* 2023 / art. 1777

<https://doi.org/10.3390/foods12091777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toward a comprehensive understanding of flavor of sunflower products: a review of confirmed and prospective aroma- and taste-active compounds

Huseynli, Lachinkhanim; Walser, Christoph; Blumenthaler, Luise; Vene, Kristel; Dawid, Corinna *Foods* 2025 / art. 1940

<https://doi.org/10.3390/foods14111940>

Variation in the composition of the essential oils, phenolic compounds and mineral elements of *Hypericum perforatum* L. growing in Estonia

Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Orav, Anne; Viitak, Anu; Levandi, Tuuli; Kaljurand, Mihkel *Natural product research*

2011 / p. 496-510

Выделение полифенолов из коры сосны и ели

Kadarpik, Vello; Kaps, Tiit Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы

докладов 1987 / с. 27-28 : табл https://www.ester.ee/record=b1263082*est

Выделение полифенолов из коры сосны и ели

Kadarpik, V. Синтез и применение поликонденсационных клеев. 10 1987 / с. 71-81

Выделение экстрактивных веществ из коры сосны и ели

Jõgioja, J.; Härm, T.; Kaps, Tiit; Kadarpik, Vello XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика.

Механика. Химия 1986 / с. 172 https://www.ester.ee/record=b1305565*est

Исследование синтеза параполифенилена

Ahven, Tarmo; Anvelt, J.; Raukas, Maie; Öpik, Andres XXX студенческая научно-техническая конференция вузов

Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II,

Автоматика. Энергетика. Механика. Химия 1986 / с. 159 https://www.ester.ee/record=b1305565*est