

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, Vaicos; 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**; 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](#)

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) <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, Silje; 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