

**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

**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](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 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, Vaios; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill [https://artiklid.elnet.ee/record=b2707387\\*est](https://artiklid.elnet.ee/record=b2707387*est)

**Comparative study of antioxidant capacity of Rheum rhaponticum 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\\_rhaponticum\\_root\\_polyphenols](https://www.researchgate.net/publication/286933217_Comparative_study_of_antioxidant_capacity_of_Rheum_rhaponticum_root_polyphenols)

**Complex study of bioactive compounds in eggplant (Solanum melongena)**

Helmja, Kati; Gorbatošova, Jelena; Vaher, Merike; Püssa, Tõnu; Kaljurand, Mihkel 4th Nordic Separation Science Society (NoSSS) International Conference : Kaunas, August 26-29, 2007 : abstracts book 2007 / p. 77

**Composition and antibacterial effect of mint flavorings in candies and food supplements**

Kapp, Karmen; Orav, Anne; Roasto, Mati; Raal, Ain; Püssa, Tõnu; Vuorela, Heikki; Tammela, Päivi; Vuorela, Pia Planta medica 2020 / p. 1089-1096 <https://doi.org/10.1055/a-1158-1699> [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>

**Evaluation of antioxidative capability of the tomato (Solanum lycopersicum) skin constituents by capillary electrophoresis and high-performed 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/>

**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

**Mint flavorings from candies inhibit the infectivity of Chlamydia pneumoniae**

Hanski, Leena L.; Kapp, Karmen; Tiitola, Terttu M.; Orav, Anne; Vuorela, Heikki; Püssa, Tõnu; Vuorela, Pia Natural Product Communications 2016 / p. 1725 - 1728 <https://doi.org/10.1177/1934578x1601101125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidation products of free polyunsaturated fatty acids in wheat varieties**

Levandi, Tuuli; Püssa, Tõnu; Vaher, Merike; Toomik, Peeter; Kaljurand, Mihkel European journal of lipid science and technology

2009 / 7, p. 715-722 : ill

[https://www.researchgate.net/publication/230008245\\_Oxidation\\_products\\_of\\_free\\_polyunsaturated\\_fatty\\_acids\\_in\\_wheat\\_varieties](https://www.researchgate.net/publication/230008245_Oxidation_products_of_free_polyunsaturated_fatty_acids_in_wheat_varieties)

**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

**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](https://artiklid.elnet.ee/record=b2665228*est)

**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

**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

**The evaluation of the oxidation capability of bioactive compounds of *Solanum melongena* by capillary electrophoresis and by HPLC-MS/MS**

**Helmja, Kati; Vaher, Merike**; Püssa, Tõnu; **Kaljurand, Mihkel** XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th-11th July 2008. Volume 1 2008 / p. 165-166 : ill

**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