

**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, Tönu; 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, Tönu; 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 lahutamine ja antioksüdatiivsuse hindamine maavitsaliste perekonda Solanaceae kuuluvate taimedel**

Helmja, Kati; Vaher, Merike; Püssa, Tönu; 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, Tönu; 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, Tönu 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 rhabonticum* root polyphenols**

Raudsepp, Piret; Helmja, Kati; Raal, Ain; Vaher, Merike; Püssa, Tönu XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th-11th July 2008. Volume 1 2008 / p. 231-232 : ill

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

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

Kapp, Karmen; Orav, Anne; Roasto, Mati; Raal, Ain; Püssa, Tönu; 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 Worth (*Hypericum perforatum*) : polyphenolic compounds, essential oils and metals**

Helmja, Kati; Vaher, Merike; Orav, Anne; Viitak, Anu; Püssa, Tönu; 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, Tönu; 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, Tönu; Raudsepp, Piret; Kaljurand, Mihkel Electrophoresis 2008 / p. 3980-3988 : ill

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

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

Levandi, Tuuli; Püssa, Tönu; Vaher, Merike; Toomik, Peeter; Kaljurand, Mihkel European journal of lipid science and technology 2009 / 7, p. 715-722 : ill

**Polüfenoolsete ühendite antioksüdatiivsuse hindamine kapillaarelektroforeetiliselt ja vedelik-kromatograafiliselt**

Helmja, Kati; Vaher, Merike; Püssa, Tönu; 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**

**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 referaatid = 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**

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