

**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

**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

**Biological activity and physicochemical properties of chitosan film cross-linked with chestnut extract for active food packaging applications = Kastani ekstraktiga seotud kitosaankilede bioloogiline aktiivsus, füüsikalise-keemilised omadused ning rakendatavus toidupakendina**

Kõrge, Kristi 2021 [https://www.ester.ee/record=b5435476\\*est](https://www.ester.ee/record=b5435476*est) <https://digikogu.taltech.ee/et/Item/88d05471-4a1d-42b5-b822-cd7c38a1eb39>  
<https://doi.org/10.23658/taltech.31/2021>

**Colorimetric determination of total phenolic contents in ionic liquid extracts by paper microzones and digital camera**

Aid, Tiina; Kaljurand, Mihkel; Vaher, Merike Analytical methods 2015 / p. 3193-3199 : ill <http://dx.doi.org/10.1039/c5ay00194c>

**Compound's pre-screening of withania somnifera, Baccopa monnieri and centella asiatica extracts**

Witter, Steffi; Arju, Georg; Junusova, Marina; Kuhtinskaja, Maria; Samoson, Ago; Witter, Raiker; Vilu, Raivo Journal of biosciences and medicines 2020 / p. 80-98 <https://doi.org/10.4236/jbm.2020.89007>

**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](https://www.ester.ee/record=b2561129*est)

**Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks [Võrguväljaanne]**

Oidermaa, Jaan-Juhan novaator.err.ee 2021 "Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks"

**Extraction and determination of total phenolic contents, flavonoid contents, and volatile compounds in Epilobium angustifolium and Cannabis sativa varieties**

Düüna, Kristin; Jõul, Piia; Vaher, Merike Proceedings 2023 / art. 21 <https://doi.org/10.3390/proceedings2023092021>

**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>

**Plant extract mediated synthesis of nanoparticles : chapter 14**

Küüna, Siim; Rauwel, Protima; Rauwel, Erwan Emerging applications of nanoparticles and architecture nanostructures : current prospects and future trends 2018 / p. 411–446 <https://doi.org/10.1016/B978-0-323-51254-1.00014-2>

**Plant mediated synthesis of silver-based nanoparticles and their use as antimicrobial agent in environmentally-friendly applications = Taime ekstrakti abil sünteesitud hõbedal põhinevad nanoosakesed ning nende kasutus antimikroobse vahendina keskkonnasõbralikes rakendustes**

Küüna, Siim 2022 <https://doi.org/10.23658/taltech.2/2022> <https://digikogu.taltech.ee/et/Item/c3a53dca-9a76-4356-810f-2d51e44cdabc5>  
[https://www.ester.ee/record=b5492124\\*est](https://www.ester.ee/record=b5492124*est)

**Rapid capillary electrophoresis method with LED-induced native fluorescence detection for the analysis of cannabinoids in oral fluid**

Mazina, Jekaterina; Špiljova, Anastassija; Vaher, Merike; Kaljurand, Mihkel; Kulp, Maria Analytical methods 2015 / p. 7741-7747 : ill <http://dx.doi.org/10.1039/c5ay01595b>

**Toidu funktsionaalsed komponendid taimsest toormest**

Vokk, Raivo; Lõugas, Tiina; Sillamaa, Triinu; Kravets, Marina XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 163-164

**Применение хмелевых экстрактов при производстве пива**

Roosalu, R.; Liebert, Tiit XXXII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1988 г. : тезисы докладов : [в 3-х частях], ч. 2 1988 / с. 80  
[https://www.ester.ee/record=b1571601\\*est](https://www.ester.ee/record=b1571601*est)