

Annual variation of yield and composition of the essential oil of common juniper (*Juniperus communis* L.) branches from Estonia

Raal, Ain; Kanut, Margarita; **Orav, Anne** Baltic forestry 2010 / 1, p. 50-56 : ill

https://www.researchgate.net/publication/285778422_Annual_Variation_of_Yield_and_Composition_of_the_Essential_Oil_of_Common_Juniper_Juniperus_communis_L_Branches_from_Estonia

Antimicrobial activity of spice oils

Kravets, Marina Food and nutrition = Toit ja toitumine 2002 / p. 106-107

β -Asarone content and essential oil composition of *Acorus calamus* L. rhizomes from Estonia

Raal, Ain; **Orav, Anne**; **Gretšušnikova, Tatjana** Journal of Essential Oil Research 2016 / p. 299 - 304

<https://doi.org/10.1080/10412905.2016.1147391> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 and antimicrobial activity of plant essential oils

Kravets, Marina; **Lõugas, Tiina**; **Orav, Anne**; **Vokk, Raivo** Proceedings of 5th International Congress on Food Technology.

Volume 2 2007 / p. 396-401

Chemical composition of essential oil of common juniper (*Juniperus communis* L.) branches from Estonia

Raal, Ain; Komarov, Rostislav; **Orav, Anne**; Kapp, Karmen; Grytsyk, Andriy; Koshovyi, Oleh ScienceRise: Pharmaceutical Science

2022 / p. 66 - 73 <https://doi.org/10.15587/2519-4852.2022.271048> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chemical composition of Serpulli herba essential oil of Estonian origin

Paaver, Urve; **Orav, Anne**; Arak, Elmar; Mäeorg, Uno; Raal, Ain 1st BBBB Conference on Pharmaceutical Sciences : September 26-28, 2005, Siofok, Hungary : programme book 2005 / p. 191-195

Chemical investigation of the essential oil from berries and needles of common juniper (*Juniperus communis* L.) growing wild in Estonia

Orav, Anne; **Kailas, Tiit**; **Müürisepp, Aleksander-Mati** Natural product research 2010 / 19, p. 1789-1799

Chemosystematic markers for the essential oils in leaves of *Mentha* species cultivated or growing naturally in Estonia

Orav, Anne; Kapp, Karmen; Raal, Ain Proceedings of the Estonian Academy of Sciences 2013 / p. 175-186

https://artiklid.elnet.ee/record=b2624901*est <https://doi.org/10.3176/proc.2013.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combinational inhibitory action of *hedychium spicatum* L. essential oil and γ -radiation on growth rate and mycotoxins content of *fusarium graminearum* in maize: response surface methodology

Kalagatur, Naveen Kumar; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Krishna, Kadirvelu; Mudili,

Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [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](#)

Comparacion de aceites esenciales de *Matricaria recutita* L. de origen diverso

Raal, Ain; Arak, Elmar; **Orav, Anne**; **Ivask, Kaia** Ars pharmaceutica 2004 / 2, p. 159-165 <https://www.ugr.es/~ars/abstract/44-159-03.pdf>

Comparative analysis of content and composition of essential oils of *Thymus vulgaris* L. from different regions of Europe

Raal, Ain; Gontova, Tetiana; Palmeos, Maia; **Orav, Anne**; Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy

of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of the composition of essential oils and supercritical carbon dioxide extracts from the berries and needles of Estonian juniper (*Juniperus communis* L.)

Orav, Anne; **Koel, Mihkel**; **Kailas, Tiit**; **Müürisepp, Aleksander-Mati** Procedia chemistry 2010 / p. 161-167

Comparative analysis of the composition of the essential oil from the shoots, leaves and stems the wild *Ledum palustre* L. from Estonia

Gretšušnikova, Tatjana; **Järvan, Kerly**; **Orav, Anne**; **Koel, Mihkel** Procedia chemistry 2010 / p. 168-173

Comparative analysis of the essential oil and supercritical carbon dioxide extracts of *Juniperus communis* L. berries and needles from Estonia

Orav, Anne; Koel, Mihkel; Kailas, Tiiu; Müürisepp, Aleksander-Mati 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. 123

Comparative analysis of the essential oil of the underground organs of *Valeriana* spp. from different countries

Raal, Ain; Kokitko, Valeriia; Odyntsova, Vira; **Orav, Anne**; Koshovyi, Oleh *Phyton-International Journal of Experimental Botany* 2024 / p. 1365 - 1382 <https://doi.org/10.32604/phyton.2024.053754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative chemical composition of the essential oil of *Mentha x piperita* L. from various geographical sources

Orav, Anne; Raal, Ain; Arak, Elmar *Proceedings of the Estonian Academy of Sciences. Chemistry* 2004 / 4, p. 174-181 : ill

Comparative chemical composition of the essential oil of *Thymus vulgaris* L. from different geographical sources

Raal, Ain; Arak, Elmar; **Orav, Anne** *Herba Polonica* 2005 / 1/2, p. 10-17

Comparison of essential oil content and composition of wild majoram and wild thyme growing in Estonia with thyme herb

Paaver, Urve; Raal, Ain; Arak, Elmar; Pudersell, K.; **Orav, Anne**; Ivask, Kaie *Pharmacy and Pharmaceutical Sciences World Congress : FIP 2002, Nice, France : abstracts 2002* / p. MAPS-P-406

Comparison of essential oil content of *Matricaria recutita* L. from different origins

Raal, Ain; Arak, Elmar; **Orav, Anne**; Ivask, Kaie *Arc pharmatica* 2003 / 1, p. 159-165

Comparison of essential oils composition from shoots, leaves and stems of the wild *Ledum palustre* from Estonia

Gretšušnikova, Tatjana; Orav, Anne; Koel, Mihkel; Järvan, Kerly 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. 90

Comparison of the essential oil composition of *Acorus calamus* obtained by supercritical carbon dioxide extraction and hydrodistillation methods

Gretšušnikova, Tatjana; Koel, Mihkel; Orav, Anne 9th International Symposium on Supercritical Fluids : Arcachon, France, May 18-20 2009 / p. 301

Composition of essential oil of aerial parts of *Chamomilla suaveolens* from Estonia

Orav, Anne; Sepp, Janne; **Kailas, Tiiu; Müürisepp, Aleksander-Mati**; Arak, Elmar; Raal, Ain *Natural product communications* 2010 / 1, p. 133-136

Composition of the essential oil from *Achillea millefolium* L. from Estonia

Orav, Anne; Kailas, Tiiu; Ivask, Kaie *Journal of essential oil research* 2001 / p. 290-294

Composition of the essential oil from wild majoram (*Origanum vulgare* L. ssp. *vulgare*) of different origins

Ivask, Kaie; Orav, Anne; Kailas, Tiiu; Raal, Ain; Arak, Elmar; Paaver, Urve *Journal of essential oil research* 2005 / 4, p. 384-387

Composition of the essential oil of *Artemisia absinthium* L. of different geographical origin

Orav, Anne; Raal, Ain; Arak, Elmar; **Müürisepp, Aleksander-Mati; Kailas, Tiiu** *Proceedings of the Estonian Academy of Sciences. Chemistry* 2006 / 3, p. 155-165 : ill

Composition of the essential oil of *Coriandrum sativum* L. seeds from various countries

Arak, Elmar; **Orav, Anne**; Raal, Ain *European journal of pharmaceutical sciences* 2007 / 1, Supplement 1, p. S22

Composition of the essential oil of dill, celery, and parsley from Estonia

Orav, Anne; Kailas, Tiiu; Jegorova, Anna *Proceedings of the Estonian Academy of Sciences. Chemistry* 2003 / 4, p. 147-154 : ill

Composition of the essential oil of *Levisticum officinale* W.D.J. Koch from some European countries

Raal, Ain; Arak, Elmar; **Orav, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati** *Journal of essential oil research* 2008 / p. 318-322 https://www.researchgate.net/publication/254247369_Composition_of_the_Essential_Oil_of_Levisticum_officinale_WDJ_Koch_from_Some_European_Countries

Composition of the essential oil of *Origanum vulgare* L. ssp. *vulgare* from various countries

Raal, Ain; Arak, Elmar; **Orav, Anne** *Planta medica* 2007 / 9, p. 929

Composition of the essential oil of *Salvia officinalis* L. from various European countries

Raal, Ain; **Orav, Anne**; Arak, Elmar *Natural product research* 2007 / 5, p. 406-411

Composition of the essential oil of the *Rhododendron tomentosum* Harmaja from Estonia

Raal, Ain; **Orav, Anne**; Gretšušnikova, Tatjana Natural product research 2014 / p. 1091-1098 : tab

<https://doi.org/10.1080/14786419.2014.907287> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Composition of the oil and supercritical fluid CO₂ extract of sweet gale (*Myrica gale* L.) fruits

Sokolova, Maia; **Orav, Anne**; Koel, Mihkel; Kailas, Tiit; Müürisepp, Aleksander-Mati Journal of essential oil research 2005 /

March/April, p. 188-191 : ill <https://www.tandfonline.com/doi/abs/10.1080/10412905.2005.9698871>

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 and composition of essential oils in some Asteraceae species

Raal, Ain; Kaur, Helen; **Orav, Anne**; Arak, Elmar; **Kailas, Tiit**; Müürisepp, Aleksander-Mati Proceedings of the Estonian Academy of Sciences 2011 / 1, p. 55-63

Content and composition of the essential oil of *Chamomilla recutita* (L.) Rauschert from some European countries

Orav, Anne; Raal, Ain; Arak, Elmar Natural product research 2010 / 1, p. 48-55

Content and composition of the essential oil of *Thymus serpyllum* L. growing wild in Estonia

Raal, Ain; Paaver, Urve; Arak, Elmar; **Orav, Anne** Medicina 2004 / 8, p. 795-800

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>

CYDEX B kapillaarkolooni kasutamise terpeenide identifitseerimisel taimsetes eeterlikes õlides

Orav, Anne; **Ivask, Kaire**; Raal, Ain; Arak, Elmar XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th

Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 97

Determination of the essential oil composition of *Acorus calamus* by capillary gas chromatography

Gretšušnikova, Tatjana; **Orav, Anne** 32nd International Symposium on Capillary Chromatography and 5th GC-GC Symposium :

May 26-30, 2008, Riva del Garda, Italy : abstract book 2008 / p. P24

Dill (*Anethum graveolens* L.) and Parsley (*Petroselinum crispum* (Mill.) Fuss) from Estonia : seasonal differences in essential oil composition

Vokk, Raivo; Lõugas, Tiina; **Mets, K.**; **Kravets, Marina** Agronomy research 2011 / p. 515-520

https://www.researchgate.net/publication/268292437_Dill_Anethum_graveolens_L_and_Parsley_Petroselinum_crispum_Mill_Fuss_from_Estonia_Seasonal_Differences_in_Essential_Oil_Composition

Eesti koriandri, salvei ja teekummeli eeterliku õli koostise võrdlus nende välismaiste analoogidega

Orav, Anne; **Kailas, Tiit**; Jeršova, M.; Raal, Ain; Arak, Elmar XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid =

28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 97

Eesti ravimtaimede eeterlike õlide koostisest

Orav, Anne; **Kailas, Tiit** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 92

Eestis kasvava hariliku kadaka okaste ja marjade eeterliku õli koostise määramine

Orav, Anne; **Kailas, Tiit**; Müürisepp, Aleksander-Mati XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian

Chemistry Days : abstracts of scientific conference 2007 / lk. 107-108

Eestis kasvava hariliku pune ja nõmm-liivatee eeterliku õli koostise võrdlus aed-liivatee eeterliku õliga

Paaver, Urve; Raal, Ain; Karjel, Krista; Arak, Elmar; **Orav, Anne**; **Ivask, Kaire** Eesti Arst 2002 / 9, lk. 577

https://artiklid.elnet.ee/record=b1037032*est

Eestis kasvava nõmm-liivatee (*Thymus serpyllum* L.) eeterliku õli sisalduse vastavus Euroopa farmakopöa nõuetele

Paaver, Urve; Raal, Ain; Arak, Elmar; Reiman, Raina; **Orav, Anne** Eesti Arst 2003 / 9, lk. 646

https://artiklid.elnet.ee/record=b1043765*est

Eeterlike õlide eraldamine ekstraktidest

Kotkas, M.; Tšertilina, A.; **Tearo, Eduard** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 :

ettekannete teesid 1977 / lk. 95 https://www.ester.ee/record=b2449987*est

Eeterliku õli sisalduse määramine tillis (*Anethum graveolens*) kapillaargaasikromatograafilisel meetodil

Gretšušnikova, Tatjana; Orav, Anne XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 26-27

Effect of storage on the essential oil composition of *Piper nigrum* L. fruits of different ripening states

Orav, Anne; Stulova, Irina; Kailas, Tiit; Müürisepp, Aleksander-Mati Journal of agricultural and food chemistry 2004 / p. 2582-2586 <https://pubmed.ncbi.nlm.nih.gov/15113161/>

Erinevate ekstrahatsioonimeetodite võrdlemine ravimtaimede eeterliku õli stereoanalüüsi abil

Ivask, Kaare; Orav, Anne XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 28

Essential oil composition of *Coriandrum sativum* L. fruits from different countries

Orav, Anne; Arak, Elmar; Raal, Ain Journal of essential oil bearing plants 2011 / p. 118-123

Essential oil composition of *Foeniculum vulgare* Mill. fruits from pharmacies in different countries

Raal, Ain; **Orav, Anne; Arak, Elmar** Natural product research 2012 / p. 1173-1178
<https://www.tandfonline.com/doi/full/10.1080/14786419.2010.535154>

Essential oil composition of *Pimpinella anisum* L. fruits from various European countries

Orav, Anne; Raal, Ain; Arak, Elmar Natural product research 2008 / 3, p. 227-232
https://www.researchgate.net/publication/5586276_Essential_oil_composition_of_Pimpinella_anisum_L_fruits_from_various_European_countries

Essential oil content and composition in commercial *Achillea millefolium* L. herbs from different countries

Raal, Ain; **Orav, Anne; Arak, Elmar** Journal of essential oil bearing plants 2012 / p. 22-31
https://www.academia.edu/56949794/Essential_Oil_Content_and_Composition_in_Commercial_Achillea_millefolium_L_Herbs_from_Different_Countries

Essential oil content and composition in *Tanacetum vulgare* L. herbs growing wild in Estonia

Raal, Ain; **Orav, Anne; Gretšušnikova, Tatjana** Journal of essential oil bearing plants 2014 / p. 670-675 : tab
<https://doi.org/10.1080/0972060X.2014.958554> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Essential oil from onion

Lõugas, Tiina; Tõnisson, Hanna Reti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 133

Essential oil in *Betula* spp. leaves naturally growing in Estonia

Orav, Anne; Arak, Elmar; Boikova, Tatjana; Raal, Ain Biochemical systematics and ecology 2011 / p. 744-748

Essential oils of herbs. Stabilization with betha-cyclodextrins

Vokk, Raivo; Menert, Anne 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 169

Koirohu (*Artemisia absinthium* L.) eeterliku õli koostis

Orav, Anne; Raal, Ain; Arak, Elmar; Kailas, Tiit XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 75-76

Kuivatusmeetodi ja peenendusastme mõju musta, rohelise ja valge pipra (*Piper nigrum* L.) eeterliku õli koostisele

Orav, Anne; Haab, K.; Stulova, Irina XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 88-89

Maitsetaimede eeterlikud õlid. Stabiliseerimine beeta-tsüklodekstriiniga

Vokk, Raivo; Menert, Anne XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 160

Marjad ja maitsetaimed on bioaktiivsed

Lõugas, Tiina Horisont 2012 / lk. 30-33 : ill https://artiklid.elnet.ee/record=b2498617*est

Musta, punase, rohelise ja valge tee aroomide eraldamine ja uurimine

Gorbatšova, Jelena; Orav, Anne XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 13-14

Phytochemical analysis of the essential oil of *Achillea millefolium* L. from various European countries

Orav, Anne; Arak, Elmar; Raal, Ain Natural product research 2006 / 12, p. 1082-1088

Phytochemical analysis of the essential oil of *Thymus serpyllum* L. growing wild in Estonia

Paaver, Urve; Orav, Anne; Arak, Elmar; Mäeorg, Uno; Raal, Ain Natural product research 2008 / 2, p. 108-115

Pune eeterliku õli koostise mass-spektromeetiline määramine

Ivask, Kaie; Orav, Anne; Raal, Ain; Arak, Elmar XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 36

Recent advances in essential oils-based metal nanoparticles : a review on recent developments and biopharmaceutical applications

Sana, Siva Sankar; Li, Huizhen; Zhang, Zhijun; Sharma, Minaxi; Usmani, Zeba; Hou, Tianyu; Netala, Vasudeva Reddy; Wang, Xin; **Gupta, Vijai Kumar** Journal of Molecular Liquids 2021 / Art. nr. 115951 <https://doi.org/10.1016/j.molliq.2021.115951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Studies of the essential oil composition of some Estonian herbs

Orav, Anne; Kailas, Tiiu 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 101

Säilitamise mõju mõnede vürtside eeterliku õli koostisele

Stulova, Irina; **Orav, Anne** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 134

The content and composition of the essential oil found in *Carum carvi* L. commercial fruits obtained from different countries

Raal, Ain; Arak, Elmar; **Orav, Anne** The journal of essential oil research 2012 / p. 53-59
<https://www.tandfonline.com/doi/pdf/10.1080/10412905.2012.646016>

Use of neoteric solvents in biomass treatment

Vaher, Merike; Saar-Reismaa, Piret; Kuhtinskaja, Maria; Koel, Mihkel Proceedings 2023 / art. 39
<https://doi.org/10.3390/proceedings2023092039>

Variation in the composition of the essential oil of commercial *Artemisia absinthium* L. herb samples from different countries

Raal, Ain; Iina, Tetiana; Kovaleva, Alla; **Orav, Anne**; Karileet, Margit; Džaniašvili, Mariana; Koliadzhyn, Taras; Grytsyk, Andriy; Koshovyi, Oleh ScienceRise: Pharmaceutical Science 2024 / p. 19-28 <https://doi.org/10.15587/2519-4852.2024.302232> [Journal metrics at Scopus](#) [Article at Scopus](#)

Variation in the composition of the essential oil of commercial *Salvia officinalis* L. leaves samples from different countries

Raal, Ain; **Orav, Anne**; Iina, Tetiana; Kovalyova, Alla; Koliadzhyn, Taras; Avidzba, Yuliia; Koshovyi, Oleh Phytion-International Journal of Experimental Botany 2024 / p. 2051 - 2062 <https://doi.org/10.32604/phyton.2024.052790> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Variation in the composition of the essential oil of commercial *Valeriana officinalis* L. roots from different countries

Raal, Ain; Arak, Elmar; **Orav, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati** Journal of essential oil research 2008 / 6, p. 524-529
https://www.researchgate.net/publication/241714499_Variation_in_the_Composition_of_the_Essential_Oil_of_Commercial_Valeriana_Officinalis_L_Roots_from_Different_Countries

Variation in the composition of the essential oil of *Valeriana officinalis* L. roots from Estonia

Raal, Ain; **Orav, Anne**; Arak, Elmar; **Kailas, Tiiu; Müürisepp, Aleksander-Mati** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 2, p. 67-74

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

Yield, composition, and chemotypes of essential oils from *Origanum vulgare* L. aerial parts cultivated in different European countries

Raal, Ain; Gontova, Tetiana; Ivask, Anu; **Orav, Anne; Koshovyi, Oleh** Agronomy 2024 / 22 p. : ill
<https://doi.org/10.3390/agronomy14123046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Выделение эфирных масел из экстрактов эфиромасличного сырья

Tearo, Eduard; Uus, Endel; Siirde, Enno; Šljapnikov, V.; Kotšubei, J. Масло-жировая промышленность 1978 / с. 22-24
https://www.ester.ee/record=b2146996*est

Выделение эфирных масел из эфирно-масличных экстрактов

Kotkas, M.; Šertilina, A. XXIII Межреспубликанская студенческая научная конференция технических вузов республик Прибалтики, Белоруссии и Молдавии, 6-9 апр. 1977 г.. Ч. 3, Металлургия, машиностроение и химическая технология : тезисы док 1977 / с. 108 https://www.ester.ee/record=b3879850*est

Исследование состава экстрактов хвойной зелени : магистрская работа

Liiv, Milana 1996 https://www.eester.ee/record=b2681404*est

Количественная характеристика комплексообразования укропного и лаврового масла с бета-циклодекстрином
Menert, Anne; Laas, R.; Kreen, Malle Прикладные биокаталитические процессы 1989 / с. 79-91