

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

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

Raal, Ain; Komarov, Rostislav; **Orav, Anne**; Kapp, Karmen; Grytsky, 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 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, Vaianos; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est

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

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

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

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

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

Comparative study of antioxidant capacity of *Rheum raphaniticum* 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

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 pharmaceutica 2003 / 1, p. 159-165

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](#)

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

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

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

Ivask, Kaie; **Orav, Anne**; **Kailas, Tiit**; 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, Tiit** 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 *Levisticum officinale* W.D.J. Koch from some European countries

Raal, Ain; Arak, Elmar; **Orav, Anne**; Kailas, Tiit; Müürisepp, Aleksander-Mati Journal of essential oil research 2008 / p. 318-322

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

Content and composition of essential oil in oregano (*Origanum vulgare*) growing in Estonia

Raal, Ain; **Orav, Anne**; Ivask, Anu; Arak, Elmar The 6th International Pharmaceutical Conference "Science and Practice 2015" : November 5-6, 2015, Kaunas, Lithuania : book of abstracts 2015 / p. 62

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 kasutamine terpeenide identifitseerimisel taimsetes eeterlikes õlides

Orav, Anne; Ivask, Kaie; Raal, Ain; Arak, Elmar XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 97

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

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, Kaie 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

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

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

Ethnic identity in transition : the potential impact of ethnicity on chronic illness' medication adherence in Post-Soviet Country

Lubi, Kadi; Raal, Ain; Taba, Pille Journal of Racial and Ethnic Health Disparities 2022 / p. 1089-1095 <https://doi.org/10.1007/s40615-021-01048-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Pune eeterliku õli koostise mass-spektromeetiline määramine

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

Study of essential oil from medicinal plants using gas chromatography and mass spectrometry

Raal, Ain; Arak, Elmar; Pudersell, K.; **Orav, Anne; Kailas, Tiit** European journal of pharmaceutical sciences 2003 / Supplement 1, XVII Helsinki University Congress of Drug Research, p. P2.1

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>

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

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