

Ain Raal

List of Publications by Year in descending order

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109
papers

1,955
citations

279701

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docs citations

112
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine-loaded liposomes for oral delivery: Preparation, physicochemical characterization and in-vivo evaluation in an endogenous hyperlipidemic animal model. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121525.	2.6	11
2	The Phytochemical Profile and Anticancer Activity of <i>Anthemis tinctoria</i> and <i>Angelica sylvestris</i> Used in Estonian Ethnomedicine. <i>Plants</i> , 2022, 11, 994.	1.6	12
3	Microscopical characteristics, phytochemical investigation and biological activities of different <i>Lysimachia</i> species growing in Vietnam. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12692.	0.5	0
4	Chemical composition and anti-inflammatory activity of the essential oil from the leaves of <i>Limnocitrus littoralis</i> (Miq.) Swingle from Vietnam. <i>Natural Product Research</i> , 2021, 35, 1550-1554.	1.0	5
5	Phytochemical and Psychotropic Research of Motherwort (<i>Leonurus cardiaca</i> L.) Modified Dry Extracts. <i>Plants</i> , 2021, 10, 230.	1.6	19
6	Electrospun amphiphilic nanofibers for stigmasterol-loaded delivery systems. , 2021, , .		0
7	Students' Feedback on the Development of a Competency-Based Pharmacy Education (CBPE) at the University of Tartu, Estonia. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 45.	0.6	4
8	Nanoformulation and Evaluation of Oral Berberine-Loaded Liposomes. <i>Molecules</i> , 2021, 26, 2591.	1.7	23
9	Ethnic Identity in Transition: the Potential Impact of Ethnicity on Chronic Illness Medication Adherence in Post-Soviet Country. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021, , 1.	1.8	1
10	Profession Driven Improvement of the Quality of Pharmacy Practice – Implementation of Community Pharmacy Services Quality Guidelines in Estonia. <i>Healthcare (Switzerland)</i> , 2021, 9, 804.	1.0	7
11	In Vitro Acetylcholinesterase Inhibitory and Antioxidant Activity of <i>Alphonsea tonkinensis</i> A.DC. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110421.	0.2	1
12	Chemical Composition of Essential Oils from the Leaves, Stems and Roots of <i>Aristolochia petelotii</i> O.C. Schmidt Growing in Vietnam. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 983-989.	0.7	3
13	Effects of <i>Hippeastrum reticulatum</i> on memory, spatial learning and object recognition in a scopolamine-induced animal model of Alzheimer's disease. <i>Pharmaceutical Biology</i> , 2020, 58, 1107-1113.	1.3	12
14	Chemical Composition and Antibacterial Effect of <i>Mentha</i> spp. Grown in Estonia. <i>Natural Product Communications</i> , 2020, 15, 1934578X2097761.	0.2	5
15	Composition and Antibacterial Effect of Mint Flavorings in Candies and Food Supplements. <i>Planta Medica</i> , 2020, 86, 1089-1096.	0.7	17
16	<i>chiro</i> -Inositol Derivatives from <i>Chisocheton paniculatus</i> Showing Inhibition of Nitric Oxide Production. <i>Journal of Natural Products</i> , 2020, 83, 1201-1206.	1.5	10
17	Phytochemical Profile and Pharmacological Activities of Water and Hydroethanolic Dry Extracts of <i>Calluna vulgaris</i> (L.) Hull. <i>Herb. Plants</i> , 2020, 9, 751.	1.6	21
18	Phytochemical Compositions and Biological Activities of Essential Oils from the Leaves, Rhizomes and Whole Plant of <i>Hornstedtia bella</i> Åkornik. <i>Antibiotics</i> , 2020, 9, 334.	1.5	43

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19	Use of medicinal plants in complementary treatment of the common cold and influenza – Perception of pharmacy customers in Moldova and Romania. <i>Journal of Herbal Medicine</i> , 2020, 21, 100346.	1.0	6
20	Biological Activities of Essential Oils from Leaves of <i>Paramignya trimera</i> (Oliv.) Guillaum and <i>Limnocitrus littoralis</i> (Miq.) Swingle. <i>Antibiotics</i> , 2020, 9, 207.	1.5	40
21	In Vitro Antimicrobial Activity of Essential Oil Extracted from Leaves of <i>Leoheo domatiophorus</i> Chaowasku, D.T. Ngo and H.T. Le in Vietnam. <i>Plants</i> , 2020, 9, 453.	1.6	36
22	Flavonoids and alkaloids from the rhizomes of <i>Zephyranthes ajax</i> Hort. and their cytotoxicity. <i>Scientific Reports</i> , 2020, 10, 22193.	1.6	7
23	Biological activities of essential oil extracted from leaves of <i>Atalantia sessiflora</i> Guillaumin Vietnam. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 1054-1064.	0.5	34
24	Phytochemical Research and Antimicrobial Properties of Lipophylic Extracts of Some Species of <i>Salix</i> L. Genus from Ukraine. <i>Open Agriculture Journal</i> , 2020, 14, 136-144.	0.3	3
25	Two new abietane diterpenes huperphlegmarins A and B from <i>Huperzia phlegmaria</i> . <i>Natural Product Research</i> , 2019, 33, 2051-2059.	1.0	9
26	Preformulation Study of Electrospun Haemanthamine-Loaded Amphiphilic Nanofibers Intended for a Solid Template for Self-Assembled Liposomes. <i>Pharmaceutics</i> , 2019, 11, 499.	2.0	11
27	A New Triterpene and a New Phloroglucinol Derivative from the Aerial Parts of <i>Pogostemon auricularius</i> . <i>Chemistry of Natural Compounds</i> , 2019, 55, 890-894.	0.2	3
28	Three new inositol derivatives from <i>Chisocheton paniculatus</i> . <i>Tetrahedron Letters</i> , 2019, 60, 1841-1844.	0.7	3
29	Constituents of Essential Oils from the Leaves of <i>Paramignya trimera</i> (Oliv.) Guillaum from Vietnam. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 391-395.	0.7	7
30	Apoptosis-Inducing Effect of Pogostemin A Isolated from the Aerial Parts of <i>Pogostemon auricularius</i> Against the Human Lung Cancer Cells. <i>Journal of Biologically Active Products From Nature</i> , 2019, 9, 320-327.	0.1	4
31	Modern beliefs regarding medicinal plants in Estonia. <i>Journal of Baltic Studies</i> , 2018, 49, 387-403.	0.2	2
32	A new triterpene ester and other chemical constituents from the aerial parts of <i>Anodendron paniculatum</i> and their cytotoxic activity. <i>Journal of Asian Natural Products Research</i> , 2018, 20, 188-194.	0.7	13
33	A New Limonoid from <i>Chisocheton paniculatus</i> Fruit Collected in Vietnam and Its NO Production Inhibitory Activity. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.2	3
34	Cytotoxic Evaluation of Compounds Isolated from the Aerial Parts of <i>Hedyotis pilulifera</i> and Methanol Extract of <i>Inonotus obliquus</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.2	5
35	Three new phloroglucinol derivatives from the aerial parts of <i>Pogostemon auricularius</i> and their cytotoxic activity. <i>Phytochemistry Letters</i> , 2018, 28, 88-92.	0.6	4
36	Pogostemins A-C, three new cytotoxic meroterpenoids from <i>Pogostemon auricularius</i> . <i>FÄ-toterapÄ-Äç</i> , 2018, 130, 100-104.	1.1	9

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37	Huperphlegmines A and B, two novel Lycopodium alkaloids with an unprecedented skeleton from <i>Huperzia phlegmaria</i> , and their acetylcholinesterase inhibitory activities. <i>FÅ-toterapÅ-Åç</i> , 2018, 129, 267-271.	1.1	21
38	Antibacterial activities of chemical constituents from the aerial parts of <i>Hedyotis pilulifera</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 787-791.	1.3	18
39	Cycloartane-type triterpene glycosides anopanins A-C with monoacyldigalactosylglycerols from <i>Anodendron paniculatum</i> . <i>Phytochemistry</i> , 2017, 144, 113-118.	1.4	6
40	Cytotoxic effect of chamomile (<i>Matricaria recutita</i>) and marigold (<i>Calendula officinalis</i>) extracts on human melanoma SK-MEL-2 and epidermoid carcinoma KB cells. <i>Cogent Medicine</i> , 2017, 4, 1333218.	0.7	15
41	Comparison of chemical composition of <i>Hypericum perforatum</i> and <i>H. maculatum</i> in Estonia. <i>Biochemical Systematics and Ecology</i> , 2017, 73, 41-46.	0.6	18
42	Content of Ascorbic Acid in Common Cowslip (<i>Primula veris</i> L.) Compared to Common Food Plants and Orange Juices. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2017, 59, 113-120.	0.5	2
43	The Implementation of Pharmacy Competence Teaching in Estonia. <i>Pharmacy (Basel, Switzerland)</i> , 2017, 5, 18.	0.6	9
44	Content of alkaloids in ornamental <i>Papaver somniferum</i> L. cultivars growing in Estonia. <i>Proceedings of the Estonian Academy of Sciences</i> , 2017, 66, 34.	0.9	16
45	Analysis of Carotenoids, Flavonoids and Essential Oil of <i>Calendula officinalis</i> Cultivars Growing in Estonia. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	11
46	The components from aerial parts of <i>Sarcosperma affinis</i> Gagnep. and their antibacterial activities. <i>Cogent Chemistry</i> , 2016, 2, 1254421.	2.5	4
47	Î ² -Asarone content and essential oil composition of <i>Acorus calamus</i> L. rhizomes from Estonia. <i>Journal of Essential Oil Research</i> , 2016, 28, 299-304.	1.3	9
48	THE USE OF PANAX GINSENG AND ITS ANALOGUES AMONG PHARMACY CUSTOMERS IN ESTONIA: A CROSS-SECTIONAL STUDY. <i>Acta Poloniae Pharmaceutica</i> , 2016, 73, 795-802.	0.3	1
49	Analysis of Carotenoids, Flavonoids and Essential Oil of <i>Calendula officinalis</i> Cultivars Growing in Estonia. <i>Natural Product Communications</i> , 2016, 11, 1157-1160.	0.2	4
50	A new lignan glycoside from the aerial parts and cytotoxic investigation of <i>Uvaria rufa</i> . <i>Natural Product Research</i> , 2015, 29, 247-252.	1.0	16
51	Selectivity of <i>Pinus sylvestris</i> extract and essential oil to estrogen-insensitive breast cancer cells <i>Pinus sylvestris</i> against cancer cells. <i>Pharmacognosy Magazine</i> , 2015, 11, 290.	0.3	26
52	The antimicrobial activity of mint flavour in candies, chocolates and food supplements. <i>Planta Medica</i> , 2015, 81, .	0.7	0
53	Variability of Procyanidin type A- and -B Trimers Content in Aerial Parts of Some <i>Vaccinium</i> Species and Cultivars. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	3
54	Chemical composition of red wines made from hybrid grape and common grape (<i>Vitis vinifera</i> L.) cultivars. <i>Proceedings of the Estonian Academy of Sciences</i> , 2014, 63, 444.	0.9	5

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55	Estonian folk traditional experiences on natural anticancer remedies: From past to the future. <i>Pharmaceutical Biology</i> , 2014, 52, 855-866.	1.3	38
56	Composition of the essential oil of the <i>Rhododendron tomentosum</i> Harmaja from Estonia. <i>Natural Product Research</i> , 2014, 28, 1091-1098.	1.0	17
57	Essential Oil Content and Composition in <i>Tanacetum vulgare</i> L. Herbs Growing Wild in Estonia. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 670-675.	0.7	11
58	The antioxidative and antimicrobial properties of the blue honeysuckle (<i>Lonicera caerulea</i> L.), Siberian rhubarb (<i>Rheum rhaponticum</i> L.) and some other plants, compared to ascorbic acid and sodium nitrite. <i>Food Control</i> , 2013, 31, 129-135.	2.8	60
59	Commercial peppermint (<i>Mentha piperita</i> L.) teas: Antichlamydial effect and polyphenolic composition. <i>Food Research International</i> , 2013, 53, 758-766.	2.9	58
60	Chemosystematic markers for the essential oils in leaves of <i>Mentha</i> species cultivated or growing naturally in Estonia. <i>Proceedings of the Estonian Academy of Sciences</i> , 2013, 62, 175.	0.9	17
61	Complementary Treatment of the Common Cold and Flu with Medicinal Plants – Results from Two Samples of Pharmacy Customers in Estonia. <i>PLoS ONE</i> , 2013, 8, e58642.	1.1	35
62	Polyphenolic composition and antichlamydial effect of commercial peppermint (<i>Mentha x piperita</i> L.) teas. <i>Planta Medica</i> , 2013, 79, .	0.7	1
63	The content of procyanidin trimers of types A and B in some <i>Vaccinium</i> species and cultivars. <i>Planta Medica</i> , 2013, 79, .	0.7	0
64	Seasonal variation of the content and composition of essential oils in <i>Betula</i> spp. leaves naturally growing in Estonia. <i>Planta Medica</i> , 2013, 79, .	0.7	0
65	The content and composition of the essential oil Found in <i>Carum carvi</i> L. commercial fruits obtained from different countries. <i>Journal of Essential Oil Research</i> , 2012, 24, 53-59.	1.3	42
66	Inorganic ions in the medium modify tropane alkaloids and riboflavin output in <i>Hyoscyamus niger</i> root cultures. <i>Pharmacognosy Magazine</i> , 2012, 8, 73.	0.3	10
67	Vegetational variation of phenolic compounds in <i>Epilobium angustifolium</i> . <i>Natural Product Research</i> , 2012, 26, 1951-1953.	1.0	21
68	Essential Oil Content and Composition in Commercial <i>Achillea millefolium</i> L. Herbs from Different Countries. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 22-31.	0.7	8
69	Essential oil composition of <i>Foeniculum vulgare</i> Mill. fruits from pharmacies in different countries. <i>Natural Product Research</i> , 2012, 26, 1173-1178.	1.0	35
70	Phenolic Compounds in Five <i>Epilobium</i> Species Collected from Estonia. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.2	7
71	Content of essential oil, terpenoids and polyphenols in commercial chamomile (<i>Chamomilla recutita</i>) Tj ETQq1 1 0.784314 rgBT /Overdo	4.2	89
72	Factors influencing purchase of and counselling about prescription and OTC medicines at community pharmacies in Tallinn, Estonia. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 335-40.	0.3	14

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73	Essential Oil Composition of <i>Coriandrum sativum</i> L. Fruits from Different Countries. Journal of Essential Oil-bearing Plants: JEOP, 2011, 14, 118-123.	0.7	17
74	Total flavonoid content in varieties of <i>Calendula officinalis</i> L. originating from different countries and cultivated in Estonia. Natural Product Research, 2011, 25, 658-662.	1.0	16
75	Content of Phenolic Compounds in Aerial Parts of Chamomilla suaveolens from Estonia. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	3
76	Essential oil in Betula spp. leaves naturally growing in Estonia. Biochemical Systematics and Ecology, 2011, 39, 744-748.	0.6	14
77	Lead Content in Pot Marigold (<i>Calendula officinalis</i> L.) Inflorescences and Leaves: Impact of Precipitations and Vicinity of Motorway. Biological Trace Element Research, 2011, 140, 244-251.	1.9	2
78	Content and composition of essential oils in some Asteraceae species. Proceedings of the Estonian Academy of Sciences, 2011, 60, 55.	0.9	27
79	Content of phenolic compounds in aerial parts of Chamomilla suaveolens from Estonia. Natural Product Communications, 2011, 6, 1107-10.	0.2	4
80	Composition of Essential Oil of Aerial Parts of Chamomilla suaveolens from Estonia. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	4
81	Content and composition of the essential oil of <i>Chamomilla recutita</i> (L.) Rauschert from some European countries. Natural Product Research, 2010, 24, 48-55.	1.0	73
82	Content of total polyphenols, tannins and flavonoids in Epilobium species growing in Estonia. Planta Medica, 2010, 76, .	0.7	1
83	Hypericum species in Estonian folk traditions and in local scientific studies. Planta Medica, 2010, 76, .	0.7	0
84	Content of Total Carotenoids in <i>Calendula Officinalis</i> L. from Different Countries Cultivated in Estonia. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	7
85	Change in public satisfaction with community pharmacy services in Tartu, Estonia, between 1993 and 2005. Research in Social and Administrative Pharmacy, 2009, 5, 337-346.	1.5	18
86	Polyphenolic composition of roots and petioles of <i>Rheum rhaponticum</i> L.. Phytochemical Analysis, 2009, 20, 98-103.	1.2	43
87	<i>trans</i> -resveratrol alone and hydroxystilbenes of rhubarb (<i>Rheum rhaponticum</i> L.) root reduce liver damage induced by chronic ethanol administration: a comparative study in mice. Phytotherapy Research, 2009, 23, 525-532.	2.8	33
88	Content of total carotenoids in <i>Calendula officinalis</i> L. from different countries cultivated in Estonia. Natural Product Communications, 2009, 4, 35-8.	0.2	6
89	Essential oil composition of <i>Pimpinella anisum</i> L. fruits from various European countries. Natural Product Research, 2008, 22, 227-232.	1.0	110
90	Composition of the Essential Oil of <i>Levisticum officinale</i> W.D.J. Koch from Some European Countries. Journal of Essential Oil Research, 2008, 20, 318-322.	1.3	32

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91	Phytochemical analysis of the essential oil of <i>Thymus serpyllum</i> L. growing wild in Estonia. <i>Natural Product Research</i> , 2008, 22, 108-115.	1.0	35
92	Variation in the Composition of the Essential Oil of Commercial <i>Valeriana officinalis</i> L. Roots from Different Countries. <i>Journal of Essential Oil Research</i> , 2008, 20, 524-529.	1.3	21
93	HOW THE NAME ARNICA WAS BORROWED INTO ESTONIAN. <i>Trames</i> , 2008, 12, 29.	0.3	20
94	Composition of the essential oil of <i>Salvia officinalis</i> L. from various European countries. <i>Natural Product Research</i> , 2007, 21, 406-411.	1.0	109
95	Pharmacy at the 375-year-old University of Tartu. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 32, S1-S2.	1.9	0
96	Content of the carotenoids in the Pot marigold's sorts cultivated in Estonia. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 32, S25.	1.9	4
97	A survey of Estonian consumer expectations from the pharmacy service and a comparison with the opinions of pharmacists. <i>International Journal of Clinical Pharmacy</i> , 2007, 29, 546-550.	1.4	29
98	Survey of Grapevine <i>Vitis vinifera</i> Stem Polyphenols by Liquid Chromatography~Diode Array Detection~Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7488-7494.	2.4	125
99	Phytochemical analysis of the essential oil of <i>Achillea millefolium</i> L. from various European Countries. <i>Natural Product Research</i> , 2006, 20, 1082-1088.	1.0	65
100	Eesti etnofarmakognoosia eluj~must kummelite n~itel. <i>Maetagused</i> , 2006, 34, 149-184.	0.1	4
101	Determination of drug information needs of health care professionals in Estonia. <i>Medicina (Lithuania)</i> , 2006, 42, 1030-4.	0.8	3
102	Composition of the Essential Oil from Wild Marjoram (<i>Origanum vulgare</i> L.ssp. <i>vulgare</i>) Cultivated in Estonia. <i>Journal of Essential Oil Research</i> , 2005, 17, 384-387.	1.3	9
103	Content and composition of the essential oil of <i>Thymus serpyllum</i> L. growing wild in Estonia. <i>Medicina (Lithuania)</i> , 2004, 40, 795-800.	0.8	11
104	Plant Nutritional Elements and Tropane Alkaloid Production in the Roots of Henbane (<i>Hyoscyamus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	7
105	The Teaching of Pharmacy at the University of Tartu Through the Centuries. <i>Pharmacy Education</i> , 2002, 2, 93-96.	0.2	1
106	The gene defective in X-linked lymphoproliferative disease controls T cell dependent immune surveillance against Epstein~Barr virus. <i>Current Opinion in Immunology</i> , 2000, 12, 474-478.	2.4	47
107	Birch (<i>Betula</i> spp.). <i>Biotechnology in Agriculture and Forestry</i> , 1989, , 324-341.	0.2	8
108	Components of <i>Matricaria discoidea</i> ~ Geranyl isovalerate, trans-~farnesene, and herniarin. <i>Chemistry of Natural Compounds</i> , 1988, 24, 684-685.	0.2	2

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109	Quantitative Determination of 2-Methoxypancracine in Hippeastrum reticulatum Bulbs by HPLC-DAD. Pharmaceutical Chemistry Journal, 0, , .	0.3	0