

Valdas JakÅ¡tas

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,985
citations

279487

23
h-index

264894

42
g-index

73
all docs

73
docs citations

73
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalisation of rice bran assisted by ultrasonication and fermentation for the production of rice bran-lingonberry pulp-based probiotic nutraceutical. <i>International Journal of Food Science and Technology</i> , 2022, 57, 1462-1472.	1.3	8
2	Ischemia In Vivo Induces Cardiolipin Oxidation in Rat Kidney Mitochondria. <i>Biology</i> , 2022, 11, 541.	1.3	3
3	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
4	The effects of catechins on the cardiac mitochondria. , 2021, , 471-487.		0
5	Changes in Agricultural Performance of Common Buckwheat Induced by Seed Treatment with Cold Plasma and Electromagnetic Field. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4391.	1.3	25
6	Investigation of Immunomodulatory and Gut Microbiota-Altering Properties of Multicomponent Nutraceutical Prepared from Lactic Acid Bacteria, Bovine Colostrum, Apple Production By-Products and Essential Oils. <i>Foods</i> , 2021, 10, 1313.	1.9	7
7	Investigation of Phenolic Composition and Anticancer Properties of Ethanolic Extracts of Japanese Quince Leaves. <i>Foods</i> , 2021, 10, 18.	1.9	12
8	The Effect of Rivaroxaban on CYP4F2 and Transcription Factors™ Activity in HUVECs. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10851.	1.3	1
9	A new delivery system based on apple pomace-pectin gels to encourage the viability of antimicrobial strains. <i>Food Science and Technology International</i> , 2020, 26, 242-253.	1.1	2
10	Fermented, ultrasonicated, and dehydrated bovine colostrum: Changes in antimicrobial properties and immunoglobulin content. <i>Journal of Dairy Science</i> , 2020, 103, 1315-1323.	1.4	21
11	The Influence of Essential Oils on Gut Microbial Profiles in Pigs. <i>Animals</i> , 2020, 10, 1734.	1.0	17
12	Interaction between cross-linked cationic starch microgranules and chlorogenic acid isomers in artichoke and green coffee bean aqueous extracts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1160, 122385.	1.2	3
13	Structural and functional characterisation of compositionally optimised rice bran and lingonberry dietary fibre-based gel-type product enriched with phytochemicals. <i>International Journal of Food Science and Technology</i> , 2020, 55, 3372-3380.	1.3	2
14	Factors associated with platelet reactivity during dual antiplatelet therapy in patients with diabetes after acute coronary syndrome. <i>Scientific Reports</i> , 2020, 10, 3175.	1.6	9
15	Flavonoids as Anticancer Agents. <i>Nutrients</i> , 2020, 12, 457.	1.7	605
16	Functionalisation of flaxseed proteins assisted by ultrasonication to produce coatings enriched with raspberries phytochemicals. <i>LWT - Food Science and Technology</i> , 2020, 124, 109180.	2.5	17
17	Hilic MS/MS determination of amino acids in herbs of <i>Fumaria schleicheri</i> L., <i>Ocimum basilicum</i> L., and leaves of <i>Corylus avellana</i> L.. <i>Natural Product Research</i> , 2019, 33, 1961-1963.	1.0	7
18	Effect of nitrogen on herb production, secondary metabolites and antioxidant activities of <i>Hypericum pruinatum</i> under nitrogen application. <i>Industrial Crops and Products</i> , 2019, 139, 111519.	2.5	34

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19	Microencapsulation of <i>Elsholtzia ciliata</i> Herb Ethanolic Extract by Spray-Drying: Impact of Resistant-Maltodextrin Complemented with Sodium Caseinate, Skim Milk, and Beta-Cyclodextrin on the Quality of Spray-Dried Powders. <i>Molecules</i> , 2019, 24, 1461.	1.7	22
20	Fatty Acid Synthesis and Degradation Interplay to Regulate the Oxidative Stress in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1348.	1.8	27
21	Improvement of the antimicrobial activity of lactic acid bacteria in combination with berries/fruits and dairy industry by-products. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3992-4002.	1.7	46
22	Effects of biodynamic preparations on concentration of phenolic compounds in the leaves of two white mulberry cultivars. <i>Biological Agriculture and Horticulture</i> , 2019, 35, 132-142.	0.5	4
23	Pre-sowing seed treatment with cold plasma and electromagnetic field increases secondary metabolite content in purple coneflower (<i>Echinacea purpurea</i>) leaves. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700059.	1.6	53
24	Development of antimicrobial gummy candies with addition of bovine colostrum, essential oils and probiotics. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1227-1235.	1.3	32
25	The effects of ultrasonication, fermentation with <i>Lactobacillus</i> sp., and dehydration on the chemical composition and microbial contamination of bovine colostrum. <i>Journal of Dairy Science</i> , 2018, 101, 6787-6798.	1.4	19
26	Development of antioxidant food packaging materials containing eugenol for extending display life of fresh beef. <i>Meat Science</i> , 2018, 145, 9-15.	2.7	56
27	Different extraction methods for phenolic and volatile compounds recovery from <i>Elsholtzia ciliata</i> fresh and dried herbal materials. <i>Industrial Crops and Products</i> , 2018, 120, 286-294.	2.5	33
28	Nutraceuticals in gummy candies form prepared from lacto-fermented lupine protein concentrates, as high-quality protein source, incorporated with <i>Citrus paradise</i> L. essential oil and xylitol. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2015-2025.	1.3	5
29	Evaluation of phenolic antioxidant content in organically and conventionally grown buckwheat herb crop and its regrowth. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3278-3283.	1.7	5
30	Neuroprotective properties of anthocyanidin glycosides against H ₂ O ₂ -induced glial cell death are modulated by their different stability and antioxidant activity in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 188-196.	2.5	17
31	Altitudinal changes in secondary metabolite contents of <i>Hypericum androsaemum</i> and <i>Hypericum polyphyllum</i> . <i>Biochemical Systematics and Ecology</i> , 2017, 70, 108-115.	0.6	26
32	Variation in Flavonoid Composition and Radical-Scavenging Activity in <i>Ginkgo biloba</i> L. due to the Growth Location and Time of Harvest. <i>Journal of Food Quality</i> , 2017, 2017, 1-8.	1.4	7
33	Variety-based research on the phenolic content in the aerial parts of organically and conventionally grown buckwheat. <i>Food Chemistry</i> , 2016, 213, 660-667.	4.2	12
34	Interaction between $\hat{\text{I}}^{\text{e}}$ - and $\hat{\text{I}}^{\text{l}}$ -carrageenan and anthocyanins from <i>Vaccinium myrtillus</i> . <i>Carbohydrate Polymers</i> , 2016, 148, 36-44.	5.1	26
35	Novel approaches to optimize extraction processes of ursolic, oleanolic and rosmarinic acids from <i>Rosmarinus officinalis</i> leaves. <i>Industrial Crops and Products</i> , 2016, 84, 72-79.	2.5	52
36	Secondary metabolites of <i>Hypericum</i> species from the Drosanthe and Olympia sections. <i>South African Journal of Botany</i> , 2016, 104, 82-90.	1.2	16

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37	Morphogenetic and phenological changes in phenolic content of <i>Hypericum leptophyllum</i> , an endemic Turkish species. <i>Israel Journal of Plant Sciences</i> , 2016, 63, 96-104.	0.3	4
38	Secondary metabolites of seven <i>Hypericum</i> species growing in Turkey. <i>Pharmaceutical Biology</i> , 2016, 54, 2244-2253.	1.3	25
39	Optimization of carvacrol, rosmarinic, oleanolic and ursolic acid extraction from oregano herbs (<i>Origanum onites</i> L., <i>Origanum vulgare</i> spp. <i>hirtum</i> and <i>Origanum vulgare</i>) Tj ETQq1 1 078431418BT /Over	1.0	17
40	Development of an HPLC post-column antioxidant assay for <i>Solidago canadensis</i> radical scavengers. <i>Natural Product Research</i> , 2016, 30, 536-543.	1.0	17
41	Secondary metabolites in <i>Hypericum</i> species and their distribution in different plant parts. <i>Zemdirbyste</i> , 2016, 103, 193-198.	0.3	4
42	Optimization of a CUPRAC-Based HPLC Postcolumn Assay and Its Applications for <i>Ginkgo biloba</i> L. Extracts. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-7.	0.7	3
43	Complexes of dextran sulfate and anthocyanins from <i>Vaccinium myrtillus</i> : Formation and stability. <i>Carbohydrate Polymers</i> , 2015, 129, 70-78.	5.1	44
44	<i>Rosmarinus officinalis</i> L. extract and some of its active ingredients as potential emulsion stabilizers: a new approach to the formation of multiple (W/O/W) emulsion. <i>Pharmaceutical Development and Technology</i> , 2015, 21, 1-9.	1.1	12
45	Assessment of phenolic compound accumulation in two widespread goldenrods. <i>Industrial Crops and Products</i> , 2015, 63, 158-166.	2.5	28
46	Population Variability of Main Secondary Metabolites in <i>Hypericum lydium</i> Boiss. (Hypericaceae). <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 969-78.	0.3	6
47	Phenological changes in the chemical content of wild and greenhouse-grown <i>Hypericum pruinatum</i> : flavonoids. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2014, 38, 362-370.	0.8	7
48	The Effect of <i>Leonurus cardiaca</i> Herb Extract and Some of its Flavonoids on Mitochondrial Oxidative Phosphorylation in the Heart. <i>Planta Medica</i> , 2014, 80, 525-532.	0.7	25
49	Application of an Optimized HPLC Method for the Detection of Various Phenolic Compounds in Apples from Lithuanian Cultivars. <i>Journal of Chemistry</i> , 2014, 2014, 1-10.	0.9	35
50	Source of variation of isoflavone concentrations in perennial clover species. <i>Pharmacognosy Magazine</i> , 2014, 10, 181.	0.3	21
51	Chemical composition of <i>Hypericum</i> species from the <i>Taeniocarpium</i> and <i>Drosanthe</i> sections. <i>Plant Systematics and Evolution</i> , 2014, 300, 953-960.	0.3	18
52	Effect of farming systems on the yield, quality parameters and sensory properties of conventionally and organically grown potato (<i>Solanum tuberosum</i> L.) tubers. <i>Food Chemistry</i> , 2014, 145, 903-909.	4.2	38
53	Altitudinal changes in the content of bioactive substances in <i>Hypericum orientale</i> and <i>Hypericum pallens</i> . <i>Acta Physiologiae Plantarum</i> , 2014, 36, 675-686.	1.0	13
54	Variation of quantitative composition of phenolic compounds in rowan (<i>Sorbus aucuparia</i> L.) leaves during the growth season. <i>Natural Product Research</i> , 2014, 28, 1018-1020.	1.0	7

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55	Changes in the content of bioactive substances among <i>Hypericum montbretii</i> populations from Turkey. <i>Revista Brasileira De Farmacognosia</i> , 2014, 24, 20-24.	0.6	16
56	Antioxidant effects of <i>Camellia sinensis</i> L. extract in patients with type 2 diabetes. <i>Journal of Food and Drug Analysis</i> , 2014, 22, 505-511.	0.9	34
57	Application of HPLC-ELSD for the Quantification of 5-Aminolevulinic Acid after Penetration into Human Skin <i>Ex Vivo</i> . <i>Analytical Letters</i> , 2013, 46, 717-733.	1.0	1
58	Chlorogenic acid, rutin and hyperoside content in <i>Fragaria vesca</i> , <i>F. viridis</i> and <i>F. moschata</i> in Lithuania. <i>Natural Product Research</i> , 2013, 27, 181-184.	1.0	6
59	Variation in the Contents of Neochlorogenic Acid, Chlorogenic Acid and Three Quercetin Glycosides in Leaves and Fruits of Rowan (<i>Sorbus</i>) Species and Varieties from Collections in Lithuania. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	7
60	Comparative evaluation of post-column free radical scavenging and ferric reducing antioxidant power assays for screening of antioxidants in strawberries. <i>Journal of Chromatography A</i> , 2012, 1233, 8-15.	1.8	65
61	The quantitative analysis of biologically active compounds in Lithuanian honey. <i>Food Chemistry</i> , 2012, 132, 1544-1548.	4.2	49
62	<i>Achillea millefolium</i> L. s.l. herb extract: Antioxidant activity and effect on the rat heart mitochondrial functions. <i>Food Chemistry</i> , 2011, 127, 1540-1548.	4.2	58
63	Optimization and validation of post-column assay for screening of radical scavengers in herbal raw materials and herbal preparations. <i>Journal of Chromatography A</i> , 2010, 1217, 7690-7698.	1.8	24
64	Investigation of contribution of individual constituents to antioxidant activity in herbal drugs using postcolumn HPLC method. <i>Medicina (Lithuania)</i> , 2009, 45, 382.	0.8	16
65	Investigation of contribution of individual constituents to antioxidant activity in herbal drugs using postcolumn HPLC method. <i>Medicina (Lithuania)</i> , 2009, 45, 382-94.	0.8	3
66	Development of an RP-HPLC Method for the Analysis of Phenolic Compounds in <i>Achillea millefolium</i> L. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 596-610.	0.5	16
67	Method Development for Determination of Anthocyanidin Content in Bilberry (<i>Vaccinium</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 10	0.5	11
68	Evaluation of phenolic acids and phenylpropanoids in the crude drugs. <i>Medicina (Lithuania)</i> , 2008, 44, 48.	0.8	14
69	Composition and variability of phenolic compounds in <i>Origanum vulgare</i> from Lithuania. <i>Biologija (Vilnius, Lithuania)</i> , 2008, 54, 45-49.	0.3	27
70	Effect of <i>Ginkgo biloba</i> extract on the rat heart mitochondrial function. <i>Journal of Ethnopharmacology</i> , 2007, 111, 512-516.	2.0	43