

Pavle Z Maskovic

List of Publications by Year in descending order

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65
papers

1,652
citations

257101

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315357

38
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docs citations

67
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of biologically active compounds from stinging nettle leaves part I: Supercritical carbon dioxide extraction. <i>Food Chemistry</i> , 2022, 373, 131724.	4.2	13
2	Protective effects of <i>Viscum album</i> L. leaf extract on chlorpyrifos-induced hepatotoxicity in Wistar rats. <i>Journal of King Saud University - Science</i> , 2022, 34, 101957.	1.6	2
3	Hydroxyapatite/TiO ₂ Nanomaterial with Defined Microstructural and Good Antimicrobial Properties. <i>Antibiotics</i> , 2022, 11, 592.	1.5	8
4	Chemical Characterization and In Vitro Bioactivity of Apple Bark Extracts Obtained by Subcritical Water. <i>Waste and Biomass Valorization</i> , 2021, 12, 6781-6794.	1.8	7
5	Sustainable Management of Fruit Growing in Rural Areas of Montenegro: The Impact of Location on the Phenological and Nutritional Properties on Raspberry (<i>Rubus idaeus</i> L.). <i>Agronomy</i> , 2021, 11, 1663.	1.3	6
6	The functional food production: Application of stinging nettle leaves and its extracts in the baking of a bread. <i>Food Chemistry</i> , 2020, 312, 126091.	4.2	32
7	Phenolic Compounds, Antioxidant and Cytotoxic Activity in Berry and Leaf Extracts of Black Currant (<i>Ribes nigrum</i> L.) as affected by Soil Management Systems. <i>Erwerbs-Obstbau</i> , 2020, 62, 293-300.	0.5	5
8	Kinetic models of the extraction of vanillic acid from pumpkin seeds. <i>Open Chemistry</i> , 2020, 18, 22-30.	1.0	11
9	Determination of Primary Metabolites, Vitamins and Minerals in Black Mulberry (<i>Morus nigra</i>) Berries Depending on Altitude. <i>Erwerbs-Obstbau</i> , 2020, 62, 355-360.	0.5	13
10	The influence of the extraction temperature on polyphenolic profiles and bioactivity of chamomile (<i>Matricaria chamomilla</i> L.) subcritical water extracts. <i>Food Chemistry</i> , 2019, 271, 328-337.	4.2	68
11	Phytochemical Screening and Biological Activity of Extract Berries of Black Currant (<i>Ribes nigrum</i> L.). <i>Erwerbs-Obstbau</i> , 2019, 61, 71-78.	0.5	1
12	Structure and enhanced antimicrobial activity of mechanically activated nano TiO ₂ . <i>Journal of the American Ceramic Society</i> , 2019, 102, 7735-7745.	1.9	10
13	Graphene oxide size and structure pro-oxidant and antioxidant activity and photoinduced cytotoxicity relation on three cancer cell lines. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 200, 111647.	1.7	39
14	Influence of organic, organo-mineral and mineral fertilisers on cane traits, productivity and berry quality of red raspberry (<i>Rubus idaeus</i> L.). <i>Scientia Horticulturae</i> , 2019, 252, 370-378.	1.7	29
15	Optimization of the extraction process of minerals from <i>Salvia officinalis</i> L. using factorial design methodology. <i>Microchemical Journal</i> , 2019, 145, 1224-1230.	2.3	14
16	In vitro antioxidant, cytotoxicity and chemical profile of different extracts from <i>Acanthus hirsutus</i> Boiss used in Anatolian folk medicine. <i>European Journal of Integrative Medicine</i> , 2018, 17, 135-140.	0.8	13
17	Chemical composition and biological activity of novel types of kombucha beverages with yarrow. <i>Journal of Functional Foods</i> , 2018, 44, 95-102.	1.6	80
18	Subcritical water extraction as an environmentally-friendly technique to recover bioactive compounds from traditional Serbian medicinal plants. <i>Industrial Crops and Products</i> , 2018, 111, 579-589.	2.5	74

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19	Bioactive compounds of sweet and sour cherry stems obtained by subcritical water extraction. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1627-1635.	1.6	32
20	Biological activity and chemical profile of <i>Lavatera thuringiaca</i> L. extracts obtained by different extraction approaches. <i>Phytomedicine</i> , 2018, 38, 118-124.	2.3	25
21	Comparative in vitro studies of the biological potential and chemical composition of stems, leaves and berries <i>Aronia melanocarpa</i> 's extracts obtained by subcritical water extraction. <i>Food and Chemical Toxicology</i> , 2018, 121, 458-466.	1.8	44
22	Phytochemical composition and antimicrobial, antioxidant and cytotoxic activities of <i>Anchusa officinalis</i> L. extracts. <i>Biologia (Poland)</i> , 2018, 73, 1035-1041.	0.8	13
23	Photo-induced antibacterial activity of four graphene based nanomaterials on a wide range of bacteria. <i>RSC Advances</i> , 2018, 8, 31337-31347.	1.7	69
24	Optimization of simultaneous determination of metals in commercial pumpkin seed oils using inductively coupled atomic emission spectrometry. <i>Microchemical Journal</i> , 2018, 141, 197-203.	2.3	23
25	Electrodeposition, Microstructure and Magnetic Properties of Nickel-Cobalt-Copper Alloy Powders. <i>Journal of the Electrochemical Society</i> , 2018, 165, D511-D517.	1.3	3
26	Subcritical water extraction as a cutting edge technology for the extraction of bioactive compounds from chamomile: Influence of pressure on chemical composition and bioactivity of extracts. <i>Food Chemistry</i> , 2018, 266, 389-396.	4.2	44
27	Phenolic Composition, Antioxidant and Cytotoxic Prospective of three <i>Linum</i> species: A Potential Source of Novel Anticancer Pharmacophores. <i>Current Organic Chemistry</i> , 2018, 22, 1690-1696.	0.9	2
28	Replacing added nitrite by <i>Kitaibelia vitifolia</i> extract in dry fermented Sremska sausage. <i>Acta Agriculturae Serbica</i> , 2018, 23, 37-49.	0.1	0
29	Characterisation of ginger extracts obtained by subcritical water. <i>Journal of Supercritical Fluids</i> , 2017, 123, 92-100.	1.6	52
30	Bioactive compounds and antimicrobial activity of black currant (<i>Ribes nigrum</i> L.) berries and leaves extract obtained by different soil management system. <i>Scientia Horticulturae</i> , 2017, 222, 69-75.	1.7	48
31	Functional coffee substitute prepared from ginger by subcritical water. <i>Journal of Supercritical Fluids</i> , 2017, 128, 32-38.	1.6	11
32	Chemical and biological insights on aronia stems extracts obtained by different extraction techniques: From wastes to functional products. <i>Journal of Supercritical Fluids</i> , 2017, 128, 173-181.	1.6	31
33	Application of conventional and non-conventional extraction approaches for extraction of <i>Erica carnea</i> L.: Chemical profile and biological activity of obtained extracts. <i>Journal of Supercritical Fluids</i> , 2017, 128, 331-337.	1.6	29
34	Identification of phenolic profiles, fatty acid compositions, antioxidant activities, and enzyme inhibition effects of seven wheat cultivars grown in Turkey: A phytochemical approach for their nutritional value. <i>International Journal of Food Properties</i> , 2017, 20, 2373-2382.	1.3	15
35	Summer savory extracts prepared by novel extraction methods resulted in enhanced biological activity. <i>Industrial Crops and Products</i> , 2017, 109, 875-881.	2.5	46
36	Chemical and biological screening of stinging nettle leaves extracts obtained by modern extraction techniques. <i>Industrial Crops and Products</i> , 2017, 108, 423-430.	2.5	50

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37	VITAMIN AND MINERAL CONTENT IN BLACK CURRANT (<i>Ribes nigrum</i> L.) FRUITS AS AFFECTED BY SOIL MANAGEMENT SYSTEM. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 2017, 16, 135-144.	0.3	8
38	Chemical composition and <i>in vitro</i> antimicrobial and cytotoxic activities of plum (<i>Prunus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	12
39	Biological activities and chemical composition of <i>Morus</i> leaves extracts obtained by maceration and supercritical fluid extraction. <i>Journal of Supercritical Fluids</i> , 2016, 117, 50-58.	1.6	46
40	Screening of <i>in vitro</i> antioxidant and enzyme inhibitory activities of different extracts from two uninvestigated wild plants: <i>Centranthus longiflorus</i> subsp. <i>longiflorus</i> and <i>Cerithe minor</i> subsp. <i>auriculata</i> . <i>European Journal of Integrative Medicine</i> , 2016, 8, 286-292.	0.8	99
41	Optimization of the Extraction Process of Antioxidants from Orange Using Response Surface Methodology. <i>Food Analytical Methods</i> , 2016, 9, 1436-1443.	1.3	12
42	Influence of steeping time on biological activity of black mulberry leaves tea. <i>Acta Periodica Technologica</i> , 2016, , 177-191.	0.5	4
43	Synthesis, structure and properties of nickel-iron-tungsten alloy electrodeposits - Part II: Effect of microstructure on hardness, electrical and magnetic properties. <i>Science of Sintering</i> , 2016, 48, 1-16.	0.5	11
44	Do the Rootstocks Determine Tree Growth, Productivity and Fruit Quality of Pears, which Grow on Typical Heavy and Acidic Soil?. <i>Erwerbs-Obstbau</i> , 2015, 57, 125-134.	0.5	2
45	<i>Onosma aucheriana</i> : A source of biologically active molecules for novel food ingredients and pharmaceuticals. <i>Journal of Functional Foods</i> , 2015, 19, 479-486.	1.6	34
46	Comparative analysis of antioxidant, antimicrobiological and cytotoxic activities of native and fermented chamomile ligulate flower extracts. <i>Planta</i> , 2015, 242, 721-732.	1.6	34
47	Antioxidant and biological activity of chamomile extracts obtained by different techniques: perspective of using superheated water for isolation of biologically active compounds. <i>Industrial Crops and Products</i> , 2015, 65, 582-591.	2.5	89
48	Effect of plant extracts <i>Kitaibelia vitifolia</i> on antioxidant activity, chemical characteristics, microbiological status and sensory properties of Pirotski kachkaval cheese. <i>Hemijaska Industrija</i> , 2015, 69, 85-93.	0.3	9
49	Prevalence of BVD infection in ruminants in Serbia. <i>Journal of Central European Agriculture</i> , 2015, 16, 130-147.	0.3	2
50	Phenolic and Flavonoid Content and Antioxidant Activity of <i>Daphne Blagayana</i> Growing in Serbia. <i>Serbian Journal of Experimental and Clinical Research</i> , 2014, 15, 21-27.	0.2	6
51	Antioxidant and antimicrobial activity of <i>Kitaibelia vitifolia</i> extract as alternative to the added nitrite in fermented dry sausage. <i>Meat Science</i> , 2014, 97, 459-467.	2.7	53
52	Quantitation of ellagic acid in blackberries. <i>Hemijaska Industrija</i> , 2014, 68, 241-245.	0.3	4
53	Studies on the Antimicrobial and Antioxidant Activity and Chemical Composition of the Essential Oils of <i>Kitaibelia vitifolia</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	4
54	Chemical Composition, Antioxidant, and Antimicrobial Activities of Lichen <i>Umbilicaria cylindrica</i> (L.) Delise (<i>Umbilicariaceae</i>). <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	70

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55	Free radical scavenging activity, total phenolic and flavonoid contents of mulberry (<i>Morus</i> spp. L.) Tj ETQq1 1 0.784314 rgBT/Overlook 0.3 62	0.3	62
56	Biochemical and pharmacological evaluation of 4-hydroxychromen-2-ones bearing polar C-3 substituents as anticoagulants. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 144-158.	2.6	12
57	Chemical composition and antioxidant activity of lichen <i>Toninia candida</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 291-298.	0.6	14
58	Biological activities of phenolic compounds and ethanolic extract of <i>Halacsya sendtneri</i> (Boiss) DÄrfler. <i>Open Life Sciences</i> , 2012, 7, 327-333.	0.6	5
59	Phytochemical screening and biological activity of extracts of plant species <i>Halacsya sendtneri</i> (Boiss.) DÄrfler. <i>Hemijaska Industrija</i> , 2012, 66, 43-51.	0.3	22
60	HPLC analysis, antimicrobial and antioxidant activities of <i>Daphne cneorum</i> L.. <i>Hemijaska Industrija</i> , 2012, 66, 709-716.	0.3	13
61	EXAMINATION OF THE CERTAIN CHEMICAL CHARACTERISTICS OF DIFFERENT TYPES OF BOILED SAUSAGES PRODUCED IN SERBIA. <i>Journal of Central European Agriculture</i> , 2012, 13, 643-653.	0.3	3
62	Traditional manufacturing of white cheeses in brine in Serbia and Montenegro: Similarities and differences. <i>Acta Periodica Technologica</i> , 2012, , 107-113.	0.5	1
63	Phenolic content, antioxidant and antifungal activities of acetonetic, ethanolic and petroleum ether extracts of <i>Hypericum perforatum</i> L.. <i>Hemijaska Industrija</i> , 2011, 65, 159-164.	0.3	31
64	Phenolic Compounds and Biological Activity of <i>Kitaibelia vitifolia</i> . <i>Journal of Medicinal Food</i> , 2011, 14, 1617-1623.	0.8	13
65	Antioxidant activity of ultrasonic extracts of leek <i>Allium porrum</i> L.. <i>Hemijaska Industrija</i> , 2011, 65, 473-477.	0.3	15