

Boris Pejin

List of Publications by Year in descending order

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82
papers

1,676
citations

257450

24
h-index

345221

36
g-index

83
all docs

83
docs citations

83
times ranked

2487
citing authors

#	ARTICLE	IF	CITATIONS
1	An insight into the cytotoxic activity of phytol at <i>in vitro</i> conditions. Natural Product Research, 2014, 28, 2053-2056.	1.8	102
2	<i>In vitro</i> anti-quorum sensing activity of phytol. Natural Product Research, 2015, 29, 374-377.	1.8	98
3	Synthesis and Biological Activities of Thio-avarol Derivatives. Journal of Natural Products, 2008, 71, 1850-1853.	3.0	77
4	Satureja horvatii essential oil: <i>In vitro</i> antimicrobial and antiradical properties and <i>in situ</i> control of <i>Listeria monocytogenes</i> in pork meat. Meat Science, 2014, 96, 1355-1360.	5.5	69
5	Chemical composition and biological activity of <i>Gaultheria procumbens</i> L. essential oil. Industrial Crops and Products, 2013, 49, 561-567.	5.2	67
6	New and Highly Potent Antitumor Natural Products from Marine-Derived Fungi: Covering the Period from 2003 to 2012. Current Topics in Medicinal Chemistry, 2013, 13, 2745-2766.	2.1	67
7	The lignicolous fungus <i>Trametes versicolor</i> (L.) Lloyd (1920): a promising natural source of antiradical and AChE inhibitory agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 355-362.	5.2	57
8	Antiradical activity of delphinidin, pelargonidin and malvin towards hydroxyl and nitric oxide radicals: The energy requirements calculations as a prediction of the possible antiradical mechanisms. Food Chemistry, 2017, 218, 440-446.	8.2	52
9	Quercetin Potently Reduces Biofilm Formation of the Strain <i>Pseudomonas aeruginosa</i> PAO1 <i>in vitro</i> . Current Pharmaceutical Biotechnology, 2015, 16, 733-737.	1.6	47
10	Avarol derivatives as competitive AChE inhibitors, non hepatotoxic and neuroprotective agents for Alzheimer's disease. European Journal of Medicinal Chemistry, 2016, 122, 326-338.	5.5	43
11	A comparative overview of antioxidative properties and phenolic profiles of different fungal origins: fruiting bodies and submerged cultures of <i>Coprinus comatus</i> and <i>Coprinellus truncorum</i> . Journal of Food Science and Technology, 2017, 54, 430-438.	2.8	40
12	The polysaccharide extracts from the fungi <i>Coprinus comatus</i> and <i>Coprinellus truncorum</i> do exhibit AChE inhibitory activity. Natural Product Research, 2019, 33, 750-754.	1.8	38
13	Preliminary Data on Essential Oil Composition of the Moss <i>Rhodobryum ontariense</i> (Kindb.) Kindb.. Cryptogamie, Bryologie, 2011, 32, 113-117.	0.2	37
14	Further <i>in vitro</i> evaluation of cytotoxicity of the marine natural product derivative 4- <i>leucine-avarone</i> . Natural Product Research, 2014, 28, 347-350.	1.8	36
15	Anti-quorum sensing activity of selected sponge extracts: a case study of <i>Pseudomonas aeruginosa</i> . Natural Product Research, 2014, 28, 2330-2333.	1.8	34
16	Sugar composition of the moss <i>Rhodobryum ontariense</i> (Kindb.) Kindb.. Natural Product Research, 2012, 26, 209-215.	1.8	32
17	Potential antioxidant activity of the moss <i>Bryum moravicum</i> . Natural Product Research, 2013, 27, 900-902.	1.8	32
18	Impact of vinification procedure on fruit wine inhibitory activity against α -glucosidase. Food Bioscience, 2018, 25, 1-7.	4.4	31

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19	Stictic acid inhibits cell growth of human colon adenocarcinoma HT-29 cells. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1240-S1242.	4.9	30
20	An insight into anti-biofilm and anti-quorum sensing activities of the selected anthocyanidins: the case study of <i>Pseudomonas aeruginosa</i> PAO1. <i>Natural Product Research</i> , 2017, 31, 1177-1180.	1.8	28
21	Antioxidant Activity of Selected Polyphenolics in Yeast Cells: The Case Study of Montenegrin Merlot Wine. <i>Molecules</i> , 2018, 23, 1971.	3.8	28
22	Further in vitro Evaluation of Antimicrobial Activity of the Marine Sesquiterpene Hydroquinone Avarol. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 583-588.	1.6	27
23	Fruit as a substrate for a wine: A case study of selected berry and drupe fruit wines. <i>Scientia Horticulturae</i> , 2019, 244, 42-49.	3.6	26
24	Phenolic natural products of the wines obtained from three new Merlot clone candidates. <i>Natural Product Research</i> , 2016, 30, 987-990.	1.8	25
25	Heavy metal content of a medicinal moss tea for hypertension. <i>Natural Product Research</i> , 2012, 26, 2239-2242.	1.8	24
26	A computational insight into acetylcholinesterase inhibitory activity of a new lichen depsidone. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 528-532.	5.2	23
27	Fruit Wines Inhibitory Activity Against α -Glucosidase. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 1264-1272.	1.6	23
28	<i>Trametes versicolor</i> ethanol extract, a promising candidate for health-promoting food supplement. <i>Natural Product Research</i> , 2018, 32, 963-967.	1.8	22
29	Polarography as a technique of choice for the evaluation of total antioxidant activity: The case study of selected <i>Coprinus Comatus</i> extracts and quinic acid, their antidiabetic ingredient. <i>Natural Product Research</i> , 2021, 35, 1711-1716.	1.8	21
30	A new depsidone of <i>Lobaria pulmonaria</i> with acetylcholinesterase inhibition activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 876-878.	5.2	19
31	Lignicolous fungi hydrodistilled extracts may represent a promising source of natural phenolics. <i>Natural Product Research</i> , 2017, 31, 104-107.	1.8	16
32	Some chemical characteristics and antioxidant capacity of novel Merlot wine clones developed in Montenegro. <i>Scientia Horticulturae</i> , 2017, 225, 505-511.	3.6	15
33	The moss <i>Mnium hornum</i> , a promising source of arachidonic acid. <i>Chemistry of Natural Compounds</i> , 2012, 48, 120-121.	0.8	14
34	The natural product content of the selected Cabernet Franc wine samples originating from Serbia: a case study of phenolics. <i>Natural Product Research</i> , 2016, 30, 1762-1765.	1.8	14
35	Viticultural and chemical characteristics of Muscat Hamburg preselected clones grown for table grapes. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 587-594.	3.5	14
36	In vitro anti-hydroxyl radical activity of the fructooligosaccharides α -kestose and nystose using spectroscopic and computational approaches. <i>International Journal of Food Science and Technology</i> , 2014, 49, 1500-1505.	2.7	13

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37	Fatty Acids Predominantly Affect Anti-Hydroxyl Radical Activity and FRAP Value: The Case Study of Two Edible Mushrooms. <i>Antioxidants</i> , 2019, 8, 480.	5.1	13
38	Further Study on Fructooligosaccharides of <i>Rhodobryum ontariense</i> . <i>Cryptogamie, Bryologie</i> , 2012, 33, 191-196.	0.2	12
39	A brief review of potent anti-CNS tumourics from marine sponges: covering the period from 1994 to 2014. <i>Natural Product Research</i> , 2018, 32, 375-384.	1.8	12
40	Anti-hydroxyl radical activity, redox potential and anti-AChE activity of <i>Amanita strobiliformis</i> polysaccharide extract. <i>Natural Product Research</i> , 2019, 33, 1522-1526.	1.8	12
41	Wine Chemical Composition and Radical Scavenging Activity of Some Cabernet Franc Clones. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 343-350.	1.6	12
42	New Antitumour Natural Products from Marine Red Algae: Covering the Period from 2003 to 2012. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 720-730.	2.4	12
43	Abts cation scavenging activity and total phenolic content of three moss species. <i>Hemijska Industrija</i> , 2012, 66, 723-726.	0.7	12
44	Further <i>in vitro</i> biological activity evaluation of amino-, thio- and ester-derivatives of avarol. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 333-335.	5.2	11
45	<i>In vitro</i> antibiofilm activity of the freshwater bryozoan <i>Hyalinella punctata</i> : a case study of <i>Pseudomonas aeruginosa</i> PAO1. <i>Natural Product Research</i> , 2016, 30, 1847-1850.	1.8	11
46	<i>In vitro</i> evaluation of cytotoxic and mutagenic activity of avarol. <i>Natural Product Research</i> , 2016, 30, 1293-1296.	1.8	11
47	<i>Coprinus comatus</i> filtrate extract, a novel neuroprotective agent of natural origin. <i>Natural Product Research</i> , 2020, 34, 2346-2350.	1.8	11
48	Liposomal integration method for assessing antioxidative activity of water insoluble compounds towards biologically relevant free radicals: example of avarol. <i>Journal of Liposome Research</i> , 2020, 30, 218-226.	3.3	11
49	Fatty acid chemistry of <i>Atrichum undulatum</i> and <i>Hypnum andoi</i> . <i>Hemijska Industrija</i> , 2012, 66, 207-209.	0.7	11
50	<i>In vitro</i> evaluation of antimicrobial activity of the freshwater sponge <i>Ochridaspongia rotunda</i> (Arndt, 1937). <i>Natural Product Research</i> , 2014, 28, 1489-1494.	1.8	10
51	Comparative analytical study of the selected wine varieties grown in Montenegro. <i>Natural Product Research</i> , 2017, 31, 1825-1830.	1.8	10
52	An insight into chemical composition and biological activity of Montenegrin Vranac red wine. <i>Scientia Horticulturae</i> , 2018, 230, 142-148.	3.6	10
53	Novel and highly potent antitumour natural products from cnidarians of marine origin. <i>Natural Product Research</i> , 2014, 28, 2237-2244.	1.8	9
54	Identification and first insights into the structure of chitin from the endemic freshwater demosponge <i>Ochridaspongia rotunda</i> (Arndt, 1937). <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1187-1194.	7.5	9

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55	Further insight into the bioactivity of the freshwater sponge <i>Ochridaspongia rotunda</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 1313-1316.	2.9	8
56	Impact of clonal selection on Cabernet Franc Grape and wine elemental profiles. <i>Scientia Horticulturae</i> , 2018, 237, 74-80.	3.6	8
57	The redox couple avarol/avarone in the fight with malignant gliomas: the case study of U-251 MG cells. <i>Natural Product Research</i> , 2018, 32, 616-620.	1.8	8
58	New cytotoxic natural products from the mangrove biome: covering the period 2007–2015. <i>Natural Product Research</i> , 2019, 33, 1624-1628.	1.8	8
59	Preliminary analysis of fatty acid chemistry of <i>Kindbergia praelonga</i> and <i>Kindbergia stokesii</i> (Brachytheciaceae). <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1637-1640.	0.8	7
60	In vitro avarol does affect the growth of <i>Candida</i> sp.. <i>Natural Product Research</i> , 2016, 30, 1956-1960.	1.8	7
61	A contribution to pharmaceutical biology of freshwater sponges. <i>Natural Product Research</i> , 2018, 32, 568-571.	1.8	7
62	An insight into chemical composition and bioactivity of 'Prokupac' red wine. <i>Natural Product Research</i> , 2020, 34, 1542-1546.	1.8	7
63	Acetylcholinesterase inhibition activity of acetylated depsidones from <i>Lobaria pulmonaria</i> . <i>Natural Product Research</i> , 2012, 26, 1634-1637.	1.8	6
64	Multielement analysis and antioxidant capacity of Merlot wine clones developed in Montenegro. <i>Natural Product Research</i> , 2018, 32, 247-251.	1.8	6
65	Raspberry seeds extract selectively inhibits the growth of human lung cancer cells <i>in vitro</i> . <i>Natural Product Research</i> , 2021, 35, 2253-2256.	1.8	6
66	Antimicrobial activity of <i>Rhodobryum ontariense</i> . <i>Hemijska Industrija</i> , 2012, 66, 381-384.	0.7	6
67	An insight into antimicrobial activity of the freshwater bryozoan <i>Pectinatella magnifica</i> . <i>Natural Product Research</i> , 2016, 30, 1839-1843.	1.8	5
68	A contribution to the estimation of berry fruits quality. <i>Scientia Horticulturae</i> , 2019, 258, 108776.	3.6	5
69	A contribution to the elemental profile of the leaf samples of newly developed Cabernet Franc varieties. <i>Natural Product Research</i> , 2019, 33, 1209-1213.	1.8	5
70	Flavonoids from the aerial parts of <i>Onobrychis montana</i> subsp. <i>scardica</i> . <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 525-529.	0.8	4
71	Low sugar jellies of berry fruits: the impact of low vs. high temperature regime on their chemical composition and antioxidant activity. <i>Natural Product Research</i> , 2021, 35, 337-341.	1.8	4
72	Sedative and Anxiolytic-Like Activities of the Moss <i>Rhodobryum ontariense</i> Water Extract in Rodents: A Preliminary Study. <i>Cryptogamie, Bryologie</i> , 2013, 34, 49-54.	0.2	3

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73	In vitro Radioprotective Activity of the Bryozoan <i>Hyalinella punctata</i> . <i>Asian Journal of Chemistry</i> , 2013, 25, 4713-4714.	0.3	3
74	A bryozoan species may offer novel antioxidants with anti-carbon-dioxide anion radical activity. <i>Natural Product Research</i> , 2014, 28, 2057-2060.	1.8	3
75	Antioxidant volatiles of the freshwater bryozoan <i>Hyalinella punctata</i> . <i>Natural Product Research</i> , 2014, 28, 1471-1475.	1.8	3
76	A novel and effective natural product-based immunodetection tool for TNT-like compounds. <i>Natural Product Research</i> , 2022, 36, 857-861.	1.8	3
77	Antitumor Natural Products of Marine-Derived Fungi. <i>Reference Series in Phytochemistry</i> , 2017, , 1-28.	0.4	3
78	Further in vitro Evaluation of Antiradical Activity of the Moss <i>Rhodobryum ontariense</i> Tea Using EPR and Fluorescence Spectroscopy. <i>Cryptogamie, Bryologie</i> , 2014, 35, 173-179.	0.2	2
79	Low-Energy Strawberry Fruits of Joly Cultivar, the First Step Towards a Novel, Food-Based Solution for the Obese Population. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5140.	2.5	2
80	A neglected natural source for targeting glioblastoma. <i>Natural Product Research</i> , 2021, 35, 1856-1860.	1.8	2
81	Electrochemical and spectroscopic study of l-dopa interaction with avarol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 219-229.	1.7	1
82	3.5-scFv- \hat{I}^2 -lactamase, a new protein detector of picric acid, the highly nitrated organic explosive. <i>Natural Product Research</i> , 2022, 36, 1317-1320.	1.8	0