

Vladimir B MihailoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,352
citations

361045

20
h-index

395343

33
g-index

80
all docs

80
docs citations

80
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of selected plant species; potential new sources of natural antioxidants. <i>Food and Chemical Toxicology</i> , 2010, 48, 3125-3130.	1.8	115
2	In Vitro Antioxidant Activity of Selected 4-Hydroxy-chromene-2-one Derivativesâ€”SAR, QSAR and DFT Studies. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2822-2841.	1.8	78
3	Hepatoprotective effects of <i>Gentiana asclepiadea</i> L. extracts against carbon tetrachloride induced liver injury in rats. <i>Food and Chemical Toxicology</i> , 2013, 52, 83-90.	1.8	64
4	Antioxidant activity, total phenolic content and flavonoid concentrations of different plant parts of <i>Teucrium polium</i> L. subsp. <i>polium</i> . <i>Acta Societatis Botanicorum Poloniae</i> , 2012, 81, 117-122.	0.8	51
5	Chemical profile, antioxidant activity and stability in stimulated gastrointestinal tract model system of three <i>Verbascum</i> species. <i>Industrial Crops and Products</i> , 2016, 89, 141-151.	2.5	51
6	Hepatoprotective effects of secoiridoid-rich extracts from <i>Gentiana cruciata</i> L. against carbon tetrachloride induced liver damage in rats. <i>Food and Function</i> , 2014, 5, 1795-1803.	2.1	46
7	Antioxidant Supplementation in the Treatment of Neurotoxicity Induced by Platinum-Based Chemotherapeuticsâ€”A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7753.	1.8	45
8	Summer savory (<i>Satureja hortensis</i> L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. <i>Food and Chemical Toxicology</i> , 2018, 118, 252-263.	1.8	43
9	<i>Filipendula ulmaria</i> extracts attenuate cisplatin-induced liver and kidney oxidative stress in rats: In Vivo investigation and LC-MS analysis. <i>Food and Chemical Toxicology</i> , 2017, 99, 86-102.	1.8	38
10	Bioactivity, biocompatibility and phytochemical assessment of lilac sage, <i>Salvia verticillata</i> L. (Lamiaceae) - A plant rich in rosmarinic acid. <i>Industrial Crops and Products</i> , 2020, 143, 111932.	2.5	38
11	In vitro and in vivo assessment of meadowsweet (<i>Filipendula ulmaria</i>) as anti-inflammatory agent. <i>Journal of Ethnopharmacology</i> , 2016, 193, 627-636.	2.0	35
12	Analysis of phenolics in the peel and pulp of wild apples (<i>Malus sylvestris</i> (L.) Mill.). <i>Journal of Food Composition and Analysis</i> , 2018, 67, 1-9.	1.9	34
13	Bioactivity, stability and phenolic characterization of <i>Filipendula ulmaria</i> (L.) Maxim.. <i>Food and Function</i> , 2015, 6, 1164-1175.	2.1	33
14	Chemical and biological fingerprints of two Fabaceae species (<i>Cytisopsis dorycniifolia</i> and <i>Ebenus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Industrial Crops and Products</i> , 2016, 84, 254-262.	2.5	33
15	Comparative phytochemical analysis of <i>Gentiana cruciata</i> L. roots and aerial parts, and their biological activities. <i>Industrial Crops and Products</i> , 2015, 73, 49-62.	2.5	32
16	The biological activities of roots and aerial parts of <i>Alchemilla vulgaris</i> L.. <i>South African Journal of Botany</i> , 2018, 116, 175-184.	1.2	32
17	Combining in Vitro, in Vivo and in silico approaches to evaluate nutraceutical potentials and chemical fingerprints of <i>Moltkia aurea</i> and <i>Moltkia coerulea</i> . <i>Food and Chemical Toxicology</i> , 2017, 107, 540-553.	1.8	31
18	Combining molecular docking and 3-D pharmacophore generation to enclose the in vivo antigenotoxic activity of naturally occurring aromatic compounds: Myricetin, quercetin, rutin, and rosmarinic acid. <i>Biochemical Pharmacology</i> , 2013, 86, 1376-1396.	2.0	27

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19	Antioxidant and anticancer properties of leaves and seed cones from European yew (<i>Taxus baccata</i> L.). Archives of Biological Sciences, 2015, 67, 525-534.	0.2	23
20	Identification, in vitro and in vivo Antioxidant Activity, and Gastrointestinal Stability of Lignans from Silver Fir (<i>Abies alba</i>) Wood Extract. Journal of Wood Chemistry and Technology, 2017, 37, 467-477.	0.9	21
21	Antioxidant Effects of <i>Satureja hortensis</i> L. Attenuate the Anxiogenic Effect of Cisplatin in Rats. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	21
22	Application potential of biogenically synthesized silver nanoparticles using <i>Lythrum salicaria</i> L. extracts as pharmaceuticals and catalysts for organic pollutant degradation. RSC Advances, 2021, 11, 35585-35599.	1.7	21
23	Analysis of Wild Raspberries (<i>Rubus idaeus</i> L.): Optimization of the Ultrasonic-Assisted Extraction of Phenolics and a New Insight in Phenolics Bioaccessibility. Plant Foods for Human Nutrition, 2019, 74, 399-404.	1.4	20
24	Characterization of bioactivity and phytochemical composition with toxicity studies of different <i>Opuntia dillenii</i> extracts from Morocco. Food Bioscience, 2019, 30, 100410.	2.0	20
25	Synthesis, characterization, antioxidant and antimicrobial activity of novel 5-arylidene-2-ferrocenyl-1,3-thiazolidin-4-ones. Journal of Organometallic Chemistry, 2018, 869, 1-10.	0.8	19
26	Dropwort (<i>Filipendula hexapetala</i> Gilib.): potential role as antioxidant and antimicrobial agent. EXCLI Journal, 2015, 14, 1-20.	0.5	19
27	An Overview of the Beneficial Role of Antioxidants in the Treatment of Nanoparticle-Induced Toxicities. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-21.	1.9	19
28	N-Acetylcysteine Protects against the Anxiogenic Response to Cisplatin in Rats. Biomolecules, 2019, 9, 892.	1.8	18
29	Physico-chemical, antioxidant and antimicrobial properties of three different types of honey from Central Serbia. Kragujevac Journal of Science, 2019, , 53-68.	0.1	18
30	Alterations of the oxidative status in rat hippocampus and prodepressant effect of chronic testosterone enanthate administration. Molecular and Cellular Biochemistry, 2017, 433, 41-50.	1.4	17
31	Synthesis, characterization and antimicrobial activity of novel ferrocene containing quinolines: 2-ferrocenyl-4-methoxyquinolines, 1-benzyl-2-ferrocenyl-2,3-dihydroquinolin-4(1H)-ones and 1-benzyl-2-ferrocenylquinolin-4(1H)-ones. Journal of Organometallic Chemistry, 2017, 846, 6-17.	0.8	15
32	Phytochemical analysis and anti-inflammatory effects of <i>Filipendula vulgaris</i> Moench extracts. Food and Chemical Toxicology, 2018, 122, 151-162.	1.8	15
33	<i>Lythrum salicaria</i> L. (Lythraceae) as a promising source of phenolic compounds in the modulation of oxidative stress: Comparison between aerial parts and root extracts. Industrial Crops and Products, 2020, 155, 112781.	2.5	15
34	Synthesis, characterization and antimicrobial activity of novel 3-ferrocenyl-2-pyrazolyl-1,3-thiazolidin-4-ones. Polyhedron, 2018, 155, 382-389.	1.0	14
35	Phenolic Compounds and Biological Activity of <i>Kitaibelia vitifolia</i> . Journal of Medicinal Food, 2011, 14, 1617-1623.	0.8	13
36	The ameliorating effect of <i>Filipendula hexapetala</i> extracts on hepatorenal toxicity of cisplatin. Journal of Functional Foods, 2015, 18, 198-212.	1.6	13

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37	Novel perspectives on two <i>Digitalis</i> species: Phenolic profile, bioactivity, enzyme inhibition, and toxicological evaluation. <i>South African Journal of Botany</i> , 2017, 109, 50-57.	1.2	13
38	Chemical composition, antioxidant and antigenotoxic activities of different fractions of <i>Gentiana asclepiadea</i> L. roots extract. <i>EXCLI Journal</i> , 2013, 12, 807-23.	0.5	13
39	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
40	Exercise Attenuates Anabolic Steroids-Induced Anxiety via Hippocampal NPY and MC4 Receptor in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 172.	1.4	12
41	The Impact of Hippocampal Sex Hormones Receptors in Modulation of Depressive-Like Behavior Following Chronic Anabolic Androgenic Steroids and Exercise Protocols in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 19.	1.0	11
42	Protective effects of <i>Alchemilla vulgaris</i> L. extracts against cisplatin-induced toxicological alterations in rats. <i>South African Journal of Botany</i> , 2020, 128, 141-151.	1.2	11
43	Algae as a Source of Bioactive Compounds to Prevent the Development of Type 2 Diabetes Mellitus. <i>Current Medicinal Chemistry</i> , 2021, 28, 4592-4615.	1.2	11
44	Synthesis and toxicological studies of in vivo anticoagulant activity of novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones combined with a structure-based 3-D pharmacophore model. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 55, 20-35.	1.9	10
45	In vitro and in vivo assessment of the genotoxicity and antigenotoxicity of the <i>Filipendula hexapetala</i> and <i>Filipendula ulmaria</i> methanol extracts. <i>Journal of Ethnopharmacology</i> , 2015, 174, 287-292.	2.0	10
46	Novel 1,3,4-thiadiazole conjugates derived from protocatechuic acid: Synthesis, antioxidant activity, and computational and electrochemical studies. <i>Comptes Rendus Chimie</i> , 2019, 22, 585-598.	0.2	10
47	Antioxidant Activity, Phenol and Flavonoid Contents of Different <i>Teucrium Chamaedrys</i> L. Extracts. <i>Biotechnology and Biotechnological Equipment</i> , 2010, 24, 82-86.	0.5	9
48	Impact of the toxicity of <i>Cylindrospermopsis raciborskii</i> (Woloszynska) Seenayya & Subba Raju on laboratory rats in vivo. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14259-14272.	2.7	9
49	Acryloylferrocene as a convenient precursor of tetrahydropyrazolopyrazolones: [3+2] cycloaddition with N,N- ϵ^2 -Cyclic azomethine imines. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 85-97.	0.8	9
50	The anxiolytic effects of atorvastatin and simvastatin on dietary-induced increase in homocysteine levels in rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 199-217.	1.4	9
51	Exploring the therapeutic potential and phenolic composition of two Turkish ethnomedicinal plants "Ajuga orientalis L. and <i>Arnebia densiflora</i> (Nordm.) Ledeb.. <i>Industrial Crops and Products</i> , 2018, 116, 240-248.	2.5	8
52	The Beneficial Role of <i>Filipendula ulmaria</i> Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	7
53	Geological substrate-related variability of <i>Teucrium montanum</i> L. (Lamiaceae) essential oil. <i>Biochemical Systematics and Ecology</i> , 2022, 100, 104372.	0.6	6
54	Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants. <i>Chemico-Biological Interactions</i> , 2015, 227, 18-31.	1.7	5

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55	Chemical composition and antimicrobial activity of the essential oils of flowers, leaves and stems of <i>Cotinus coggygia</i> . <i>Planta Medica</i> , 2008, 74, .	0.7	4
56	Protective role of methanol extracts of <i>Gentiana asclepiadea</i> L. and <i>G. cruciata</i> L. against genotoxic damage induced by ethyl methanesulfonate. <i>Genetika</i> , 2013, 45, 329-340.	0.1	4
57	Phenolic Compounds Diversity of <i>Teucrium</i> Species. , 2020, , 143-177.		4
58	Ferrocene-containing tetrahydropyrimidin-2(1H)-ones: Antioxidant and antimicrobial activity. <i>Journal of Organometallic Chemistry</i> , 2022, 967, 122335.	0.8	4
59	Newly discovered chroman-2,4-diones neutralize the in vivo DNA damage induced by alkylation through the inhibition of Topoisomerase III±: A story behind the molecular modeling approach. <i>Biochemical Pharmacology</i> , 2015, 98, 243-266.	2.0	3
60	Biochemistry and metabolism. , 2021, , 1-40.		3
61	Variable neuroprotective role of <i>Filipendula ulmaria</i> extract in rat hippocampus. <i>Journal of Integrative Neuroscience</i> , 2021, 20, 871-883.	0.8	3
62	<i>Blackstonia perfoliata</i> (L.) Huds. (Gentianaceae): A promising source of useful bioactive compounds. <i>Industrial Crops and Products</i> , 2020, 145, 111974.	2.5	2
63	In vivo antigenotoxic potential and possible mechanism of action of selected 4- <i>hydroxy</i> -2 <i>H</i> -chromen-2-one derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012, 14, 26, 322-330.	1.4	1
64	In vitro antioxidant activity and tannin content of <i>Echium italicum</i> L.. <i>Planta Medica</i> , 2010, 76, .	0.7	1
65	Wild-Growing Species in the Service of Medicine: Environmental Challenges and Sustainable Production. <i>Environmental Challenges and Solutions</i> , 2022, , 49-104.	0.5	1
66	VARIJABILNOST SESKVITERPENA ETARSKIH ULJA VRSTE <i>TEUCRIUM MONTANUM</i> L. , 2021, , .		0
67	Preliminary determination of biochemical activity of the three plants of the <i>Echium</i> genus. <i>Planta Medica</i> , 2009, 75, .	0.7	0
68	Chemical composition and antimicrobial activity of the essential oil of the underground parts of <i>Gentiana asclepiadea</i> . <i>Planta Medica</i> , 2009, 75, .	0.7	0
69	Essential oil of <i>Centaurea pannonica</i> (Heufel) Simonkai and antioxidant activity of the methanol extract. <i>Planta Medica</i> , 2010, 76, .	0.7	0
70	Meadowsweet (<i>Filipendula ulmaria</i>): LC-MS phenolic characterization and ameliorating effect on cisplatin-induced hepatotoxicity. <i>Planta Medica</i> , 2015, 81, .	0.7	0
71	Nephroprotective effect of dropwort (<i>Filipendula hexapetala</i>) on cisplatin-induced toxicity in rats. <i>Planta Medica</i> , 2015, 81, .	0.7	0
72	PHYTO-MEDIATED SYNTHESIS OF SILVER NANOPARTICLES USING AQUEOUS EXTRACT OF <i>BUGLOSSOIDES PURPUROCAERULEA</i> (BORAGINACEAE) AND THEIR BIOACTIVITY. , 2021, , .		0

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73	PHENOLIC CONTENT AND POTENTIAL APPLICATION OF "LYSIMACHIA VULGARIS" L. AERIAL PART AND ROOT EXTRACTS. , 2021, , .		0
74	Cytotoxic activity of silver nanoparticles synthesized using aerial part and root extracts of Lythrum salicaria L. , 0, , .		0
75	Salvia pratensis L. as a valuable source of phenolic compounds with promising antimicrobial activity. , 0, , .		0
76	IN VIVO PROTEKTIVNI EFEKAT EKSTRAKATA BILJKE <i>Lysimachia vulgaris</i> NA DNK OÄTEÄŦENJA INDUKOVANA ETIL METANSULFONATOM 2022Đ—Đ'ĐžĐĐĐ"Đš Đ'ĐžĐ"Đ~Đ'Đ•ĐĐ—Đ~ĐčĐ•Đč. , 2022, , .		0