

Vladimir Chobot

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

962
citations

393982

19
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

1508
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of the structure and function of bacterial communities associated with <i>Sphagnum</i> mosses. <i>Environmental Microbiology</i> , 2007, 9, 2795-2809.	1.8	116
2	Exploration of pro-oxidant and antioxidant activities of the flavonoid myricetin. <i>Redox Report</i> , 2011, 16, 242-247.	1.4	85
3	Similar Diversity of Alphaproteobacteria and Nitrogenase Gene Amplicons on Two Related <i>Sphagnum</i> Mosses. <i>Frontiers in Microbiology</i> , 2011, 2, 275.	1.5	60
4	(\pm)-Catechin: Chemical Weapon, Antioxidant, or Stress Regulator?. <i>Journal of Chemical Ecology</i> , 2009, 35, 980-996.	0.9	59
5	Hormesis and a Chemical Reason D'Ätre for Secondary Plant Metabolites. <i>Dose-Response</i> , 2011, 9, dose-response.0.	0.7	59
6	Milieu-Dependent Pro- and Antioxidant Activity of Juglone May Explain Linear and Nonlinear Effects on Seedling Development. <i>Journal of Chemical Ecology</i> , 2009, 35, 383-390.	0.9	56
7	Simultaneous Detection of Pro- and Antioxidative Effects in the Variants of the Deoxyribose Degradation Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2088-2094.	2.4	40
8	Pro- and Antioxidant Activity of Three Selected Flavan Type Flavonoids: Catechin, Eriodictyol and Taxifolin. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1986.	1.8	39
9	Iron and its complexation by phenolic cellular metabolites. <i>Plant Signaling and Behavior</i> , 2010, 5, 4-8.	1.2	35
10	Iron chelation and redox chemistry of anthranilic acid and 3-hydroxyanthranilic acid: A comparison of two structurally related kynurenine pathway metabolites to obtain improved insights into their potential role in neurological disease development. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 103-110.	0.8	34
11	Liquid chromatographic analysis of supercritical carbon dioxide extracts of <i>Schizandra chinensis</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 770, 283-289.	1.2	33
12	Quinolinic Acid: Neurotoxin or Oxidative Stress Modulator?. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21328-21338.	1.8	32
13	Influence of Thaxtomins in Different Combinations and Concentrations on Growth of Micropropagated Potato Shoot Cultures. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3372-3379.	2.4	30
14	Ergosta-4,6,8,22-tetraen-3-one from the edible fungus, <i>Pleurotus ostreatus</i> (oyster fungus). <i>Phytochemistry</i> , 1997, 45, 1669-1671.	1.4	29
15	Antioxidant and free radical scavenging activities of five moss species. <i>FÄ-toterapÄ-Äç</i> , 2006, 77, 598-600.	1.1	25
16	Evaluation of Antioxidant Activity of Some Common Mosses. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 476-482.	0.6	25
17	Synthesis and Biological Evaluation of Quinazoline-4-thiones. <i>Molecules</i> , 2003, 8, 756-769.	1.7	24
18	Versatile Redox Chemistry Complicates Antioxidant Capacity Assessment: Flavonoids as Milieu-Dependent Anti- and Pro-Oxidants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11830-11841.	1.8	22

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19	Antioxidant Properties and the Formation of Iron Coordination Complexes of 8-Hydroxyquinoline. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3917.	1.8	21
20	Effects of Selected Dietary Secondary Metabolites on Reactive Oxygen Species Production Caused by Iron(II) Autoxidation. <i>Molecules</i> , 2014, 19, 20023-20033.	1.7	18
21	Coordination Complex Formation and Redox Properties of Kynurenic and Xanthurenic Acid Can Affect Brain Tissue Homeodynamics. <i>Antioxidants</i> , 2019, 8, 476.	2.2	17
22	Ultra-high-performance liquid chromatography fingerprinting method for chemical screening of metabolites in cultivation broth. <i>Journal of Chromatography A</i> , 2010, 1217, 8016-8025.	1.8	16
23	Phototoxic activity of a thiophene polyacetylene from <i>Leuzea carthamoides</i> . <i>FÄ-toterapÄ-Äç</i> , 2006, 77, 194-198.	1.1	15
24	Antifungal activity of a thiophene polyine from <i>Leuzea carthamoides</i> . <i>FÄ-toterapÄ-Äç</i> , 2003, 74, 288-290.	1.1	14
25	Effects of endogenous neurotoxin quinolinic acid on reactive oxygen species production by Fenton reaction catalyzed by iron or copper. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 111-115.	0.8	14
26	In Vitro Evaluation of Pro- and Antioxidant Effects of Flavonoid Tricetin in Comparison to Myricetin. <i>Molecules</i> , 2020, 25, 5850.	1.7	12
27	Redox properties of 8-quinolinol and implications for its mode of action. <i>Natural Product Communications</i> , 2011, 6, 597-602.	0.2	12
28	Redox Properties of 8-Quinolinol and Implications for its Mode of Action. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	8
29	Potential of kynurenine metabolites in drug development against neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2021, 16, 308.	1.6	5
30	New Synthesisâ€”Systems Chemical Ecology. <i>Journal of Chemical Ecology</i> , 2011, 37, 1165-1165.	0.9	2
31	Exploration of pro-oxidant and antioxidant activities of the flavonoid myricetin. <i>Redox Report</i> , 2012, 17, 180-180.	1.4	1
32	Antimicrobial Drimane Sesquiterpenes Contribute to Balanced Antagonism but Do Not Structure Bacterial and Fungal Endophytes in the African Pepper Bark Tree <i>Warburgia ugandensis</i> . <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	1
33	(Ä±)-Catechinâ€”A Mass-Spectrometry-Based Exploration Coordination Complex Formation with Fell and Fell. <i>Cells</i> , 2022, 11, 958.	1.8	1