Vladimir Chobot

List of Publications by Year
in descending order

33	962	393982	454577
papers	citations	19 h-index	30 g-index

34	34	34	1508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	(Â±)-Catechinâ€"A Mass-Spectrometry-Based Exploration Coordination Complex Formation with FeII and FeIII. Cells, 2022, 11, 958.	1.8	1
2	Potential of kynurenine metabolites in drug development against neurodegenerative diseases. Neural Regeneration Research, 2021, 16, 308.	1.6	5
3	In Vitro Evaluation of Pro- and Antioxidant Effects of Flavonoid Tricetin in Comparison to Myricetin. Molecules, 2020, 25, 5850.	1.7	12
4	Coordination Complex Formation and Redox Properties of Kynurenic and Xanthurenic Acid Can Affect Brain Tissue Homeodynamics. Antioxidants, 2019, 8, 476.	2.2	17
5	Antioxidant Properties and the Formation of Iron Coordination Complexes of 8-Hydroxyquinoline. International Journal of Molecular Sciences, 2018, 19, 3917.	1.8	21
6	Antimicrobial Drimane Sesquiterpenes Contribute to Balanced Antagonism but Do Not Structure Bacterial and Fungal Endophytes in the African Pepper Bark Tree Warburgia ugandensis. Frontiers in Ecology and Evolution, 2017, 5, .	1.1	1
7	Pro- and Antioxidant Activity of Three Selected Flavan Type Flavonoids: Catechin, Eriodictyol and Taxifolin. International Journal of Molecular Sciences, 2016, 17, 1986.	1.8	39
8	Effects of endogenous neurotoxin quinolinic acid on reactive oxygen species production by Fenton reaction catalyzed by iron or copper. Journal of Organometallic Chemistry, 2015, 782, 111-115.	0.8	14
9	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. Journal of Organometallic Chemistry, 2015, 782, 103-110.	0.8	34
10	Effects of Selected Dietary Secondary Metabolites on Reactive Oxygen Species Production Caused by Iron(II) Autoxidation. Molecules, 2014, 19, 20023-20033.	1.7	18
11	Versatile Redox Chemistry Complicates Antioxidant Capacity Assessment: Flavonoids as Milieu-Dependent Anti- and Pro-Oxidants. International Journal of Molecular Sciences, 2013, 14, 11830-11841.	1.8	22
12	Quinolinic Acid: Neurotoxin or Oxidative Stress Modulator?. International Journal of Molecular Sciences, 2013, 14, 21328-21338.	1.8	32
13	Exploration of pro-oxidant and antioxidant activities of the flavonoid myricetin. Redox Report, 2012, 17, 180-180.	1.4	1
14	Redox Properties of 8-Quinolinol and Implications for its Mode of Action. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	8
15	New Synthesisâ€"Systems Chemical Ecology. Journal of Chemical Ecology, 2011, 37, 1165-1165.	0.9	2
16	Hormesis and a Chemical Raison D'Ã›tre for Secondary Plant Metabolites. Dose-Response, 2011, 9, dose-response.0.	0.7	59
17	Exploration of pro-oxidant and antioxidant activities of the flavonoid myricetin. Redox Report, 2011, 16, 242-247.	1.4	85
18	Similar Diversity of Alphaproteobacteria and Nitrogenase Gene Amplicons on Two Related Sphagnum Mosses. Frontiers in Microbiology, 2011, 2, 275.	1.5	60

#	Article	IF	Citations
19	Redox properties of 8-quinolinol and implications for its mode of action. Natural Product Communications, 2011, 6, 597-602.	0.2	12
20	Ultra-high-performance liquid chromatography fingerprinting method for chemical screening of metabolites in cultivation broth. Journal of Chromatography A, 2010, 1217, 8016-8025.	1.8	16
21	Iron and its complexation by phenolic cellular metabolites. Plant Signaling and Behavior, 2010, 5, 4-8.	1.2	35
22	Simultaneous Detection of Pro- and Antioxidative Effects in the Variants of the Deoxyribose Degradation Assay. Journal of Agricultural and Food Chemistry, 2010, 58, 2088-2094.	2.4	40
23	Milieu-Dependent Pro- and Antioxidant Activity of Juglone May Explain Linear and Nonlinear Effects on Seedling Development. Journal of Chemical Ecology, 2009, 35, 383-390.	0.9	56
24	(Â±)-Catechin: Chemical Weapon, Antioxidant, or Stress Regulator?. Journal of Chemical Ecology, 2009, 35, 980-996.	0.9	59
25	Evaluation of Antioxidant Activity of Some Common Mosses. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 476-482.	0.6	25
26	Investigations of the structure and function of bacterial communities associated with Sphagnum mosses. Environmental Microbiology, 2007, 9, 2795-2809.	1.8	116
27	Influence of Thaxtomins in Different Combinations and Concentrations on Growth of Micropropagated Potato Shoot Cultures. Journal of Agricultural and Food Chemistry, 2006, 54, 3372-3379.	2.4	30
28	Phototoxic activity of a thiophene polyacetylene from Leuzea carthamoides. FÃ¬toterapÃ¬Ã¢, 2006, 77, 194-198.	1.1	15
29	Antioxidant and free radical scavenging activities of five moss species. FÃ¬toterapÃ¬Ã¢, 2006, 77, 598-600.	1.1	25
30	Antifungal activity of a thiophene polyine from Leuzea carthamoides. FÃ¬toterapÃ¬Ã¢, 2003, 74, 288-290.	1.1	14
31	Synthesis and Biological Evaluation of Quinazoline-4-thiones. Molecules, 2003, 8, 756-769.	1.7	24
32	Liquid chromatographic analysis of supercritical carbon dioxide extracts of Schizandra chinensis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 770, 283-289.	1.2	33
33	Ergosta-4,6,8,22-tetraen-3-one from the edible fungus, Pleurotus ostreatus (oyster fungus). Phytochemistry, 1997, 45, 1669-1671.	1.4	29