Augustin-C MoÅ£

List of Publications by Year
in descending order

69	1,419	394421	361022
papers	citations	19 h-index	35 g-index

70	70	70	2118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Phytochemical Analysis of Vinca L. Species Leaf Extracts Is Correlated with the Antioxidant, Antibacterial, and Antitumor Effects. Molecules, 2021, 26, 3040.	3.8	12
2	Vitamin D Supplementation: Oxidative Stress Modulation in a Mouse Model of Ovalbumin-Induced Acute Asthmatic Airway Inflammation. International Journal of Molecular Sciences, 2021, 22, 7089.	4.1	13
3	Determination of selenium in food and environmental samples by hydride generation high-resolution continuum source quartz furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 267-272.	3.0	11
4	Chromatographic Determination of Total Selenium in Biofortified AlliumÂsp. following Piazselenol Formation and Micro-Solid-Phase Extraction. Molecules, 2021, 26, 6730.	3.8	1
5	The strange case of polyphenols inhibiting the Briggs-Rauscher reaction: pH-modulated reactivity of the superoxide radical. Free Radical Biology and Medicine, 2020, 146, 189-197.	2.9	5
6	Hemodialysis Patients with Pruritus and Insomnia Have Increased Risk of Death. Blood Purification, 2020, 49, 419-425.	1.8	8
7	Sugar matters: sugar moieties as reactivity-tuning factors in quercetin O-glycosides. Food and Function, 2020, 11, 5293-5307.	4.6	12
8	Excess Ascorbate is a Chemical Stress Agent against Proteins and Cells. Pharmaceuticals, 2020, 13, 107.	3.8	3
9	Finding specific peaks (markers) using fuzzy divisive hierarchical associative-clustering based on the chromatographic profiles of medicinal plant extracts obtained at various detection wavelengths. Analytical Methods, 2020, 12, 3260-3267.	2.7	1
10	Effects of Longâ€Term Exposure to Lowâ€Power 915â€‰MHz Unmodulated Radiation on Phaseolus vulgaris L.. Bioelectromagnetics, 2020, 41, 200-212.	1.6	11
11	Comprehensive evaluation of radical scavenging, reducing power and chelating capacity of free proteinogenic amino acids using spectroscopic assays and multivariate exploratory techniques. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 233, 118158.	3.9	16
12	â€œYellowâ€•laccase from Sclerotinia sclerotiorum is a blue laccase that enhances its substrate affinity by forming a reversible tyrosyl-product adduct. PLoS ONE, 2020, 15, e0225530.	2.5	19
13	Characterization and classification of medicinal plant extracts according to their antioxidant activity using high-performance liquid chromatography and multivariate analysis. Studia Universitatis Babes-Bolyai Chemia, 2020, 65, 71-82.	0.2	1
14	EPR fingerprinting and antioxidant response of four selected plantago species. Studia Universitatis Babes-Bolyai Chemia, 2020, 65, 209-220.	0.2	2
15	Comprehensive assessment of antioxidant and chelating capacity of some biogenic amines and related drugs. Studia Universitatis Babes-Bolyai Chemia, 2020, 65, 101-117.	0.2	1
16	Title is missing!. , 2020, 15, e0225530.		0
17	Title is missing!. , 2020, 15, e0225530.		0
18	Title is missing!. , 2020, 15, e0225530.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0225530.		0
20	Remarkable rutin-rich Hypericum capitatum extract exhibits anti-inflammatory effects on turpentine oil-induced inflammation in rats. BMC Complementary and Alternative Medicine, 2019, 19, 289.	3.7	10
21	Allium sativum Extract Chemical Composition, Antioxidant Activity and Antifungal Effect against Meyerozyma guilliermondii and Rhodotorula mucilaginosa Causing Onychomycosis. Molecules, 2019, 24, 3958.	3.8	33
22	In Vivo Pharmacological and Anti-inflammatory Evaluation of Xerophyte Plantago sempervirens Crantz. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	8
23	EPR detection of sulfanyl radical during sulfhemoglobin formation â€“ Influence of catalase. Free Radical Biology and Medicine, 2019, 137, 110-115.	2.9	5
24	Isolation, purification and characterization of ascorbate oxidase and peroxidase from Cucurbita pepo medullosa. Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 49-60.	0.2	0
25	Bioactive compounds and â€œin vitroâ€•antioxidant activity of some traditional and non-traditional cold-pressed edible oils from Macedonia. Journal of Food Science and Technology, 2018, 55, 1614-1623.	2.8	18
26	Realâ€time detection of Nâ€end ruleâ€mediated ubiquitination via fluorescently labeled substrate probes. New Phytologist, 2018, 217, 613-624.	7.3	32
27	Fe(III) â€“ Sulfide interaction in globins: Characterization and quest for a putative Fe(IV)-sulfide species. Journal of Inorganic Biochemistry, 2018, 179, 32-39.	3.5	12
28	Redox control and autoxidation of class 1, 2 and 3 phytoglobins from Arabidopsis thaliana. Scientific Reports, 2018, 8, 13714.	3.3	9
29	Chemo-mapping and biochemical-modulatory and antioxidant/prooxidant effect of Galium verum extract during acute restraint and dark stress in female rats. PLoS ONE, 2018, 13, e0200022.	2.5	14
30	Phytochemical Analysis of Anti-Inflammatory and Antioxidant Effects of Mahonia aquifolium Flower and Fruit Extracts. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	33
31	The Reaction of Oxy Hemoglobin with Nitrite: Mechanism, Antioxidant-Modulated Effect, and Implications for Blood Substitute Evaluation. Molecules, 2018, 23, 350.	3.8	20
32	The high affinity of small-molecule antioxidants for hemoglobin. Free Radical Biology and Medicine, 2018, 124, 260-274.	2.9	14
33	Alternative fluorimetric-based method to detect and compare total S-nitrosothiols in plants. Nitric Oxide - Biology and Chemistry, 2017, 68, 7-13.	2.7	9
34	Chlorite reactivity with myoglobin: Analogy with peroxide and nitrite chemistry?. Journal of Inorganic Biochemistry, 2017, 172, 122-128.	3.5	0
35	Reversible naftifine-induced carotenoid depigmentation in Rhodotorula mucilaginosa (A. JÃ¶rg.) F.C. Harrison causing onychomycosis. Scientific Reports, 2017, 7, 11125.	3.3	18
36	Probing Reducing Power for Ferryl Phytoglobins of Several Phenolic Compounds Using Their Kinetic Profiles Assisted by Chemometric Methods. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 49-66.	0.2	1

#	Article	IF	Citations
37	Generation of Artificial N-end Rule Substrate Proteins In Vivo and In Vitro. Methods in Molecular Biology, 2016, 1450, 55-83.	0.9	15
38	Antioxidant activity evaluation by physiologically relevant assays based on haemoglobin peroxidase activity and cytochrome c-induced oxidation of liposomes. Natural Product Research, 2016, 30, 1315-1319.	1.8	15
39	Study of the Relationships between the Structure, Lipophilicity and Biological Activity of Some Thiazolyl-carbonyl-thiosemicarbazides and Thiazolyl-azoles. Molecules, 2015, 20, 22188-22201.	3.8	17
40	Testing antiplatelet and antioxidant activity of the extract of seven varieties of Allium cepa L.. Open Life Sciences, 2015, 10, .	1.4	2
41	Antioxidant Activity Evaluation Involving Hemoglobin-Related Free Radical Reactivity. Methods in Molecular Biology, 2015, 1208, 247-255.	0.9	20
42	Evaluation of Antioxidant and Antimicrobial Activities and Phenolic Profile for Hyssopus officinalis, Ocimum basilicum and Teucrium chamaedrys. Molecules, 2014, 19, 5490-5507.	3.8	151
43	An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. Food Chemistry, 2014, 143, 214-222.	8.2	19
44	EPR investigation of libration motion of spin labeled hemerythrin. Journal of Molecular Structure, 2014, 1073, 18-23.	3.6	1
45	Oxidative Protection of Hemoglobin and Hemerythrin by Cross-Linking with a Nonheme Iron Peroxidase: Potentially Improved Oxygen Carriers for Use in Blood Substitutes. Biomacromolecules, 2014, 15, 1920-1927.	5.4	31
46	Contrast between Waterâ€•and Ethanolâ€Based Antioxidant Assays: Aspen (<scp>P</scp>opulus) Tj ETQq0 0 0 rgBT /Overloc Journal of Food Quality, 2014, 37, 259-267.	2.6	18
47	Laccase is upregulated via stress pathways in the phytopathogenic fungus Sclerotinia sclerotiorum. Fungal Biology, 2013, 117, 528-539.	2.5	22
48	Protein-Based Blood Substitutes: Recent Attempts at Controlling Pro-Oxidant Reactivity with and Beyond Hemoglobin. Pharmaceuticals, 2013, 6, 867-880.	3.8	7
49	Polyphenolic Composition, Antioxidant and Antibacterial Activities for Two Romanian Subspecies of Achillea distans Waldst. et Kit. ex Willd.. Molecules, 2013, 18, 8725-8739.	3.8	53
50	Anticancer and Antimicrobial Activities of Some Antioxidant-Rich Cameroonian Medicinal Plants. PLoS ONE, 2013, 8, e55880.	2.5	58
51	Laccases: Complex architectures for one-electron oxidations. Biochemistry (Moscow), 2012, 77, 1395-1407.	1.5	71
52	Axial ligation in water-soluble copper porphyrinates: contrasts between EPR and UVâ€“vis. Inorganic Chemistry Communication, 2012, 18, 1-3.	3.9	6
53	A â€œyellowâ€•laccase with â€œblueâ€•spectroscopic features, from Sclerotinia sclerotiorum. Process Biochemistry, 2012, 47, 968-975.	3.7	43
54	Exploring the possibility of high-valent copper in models of copper proteins with a three-histidine copper-binding motif. Open Chemistry, 2012, 10, 1527-1533.	1.9	1

#	Article	IF	Citations
55	Ecosystem discrimination and fingerprinting of Romanian propolis by hierarchical fuzzy clustering and image analysis of TLC patterns. Talanta, 2011, 85, 1112-1117.	5.5	48
56	A New Polyethyleneglycol-Derivatized Hemoglobin Derivative with Decreased Oxygen Affinity and Limited Toxicity. Protein Journal, 2011, 30, 27-31.	1.6	12
57	Towards hemerythrin-based blood substitutes: Comparative performance to hemoglobin on human leukocytes and umbilical vein endothelial cells. Journal of Biosciences, 2011, 36, 215-221.	1.1	18
58	Rapid and effective evaluation of the antioxidant capacity of propolis extracts using DPPH bleaching kinetic profiles, FT-IR and UVâ€“vis spectroscopic data. Journal of Food Composition and Analysis, 2011, 24, 516-522.	3.9	92
59	Towards the Development of Hemerythrin-Based Blood Substitutes. Protein Journal, 2010, 29, 387-393.	1.6	20
60	High-Performance Thin-Layer Chromatography and Three-Dimensional Image Analysis for the Determination of Rutin in Pharmaceutical Preparations. Journal of AOAC INTERNATIONAL, 2010, 93, 804-810.	1.5	16
61	â€˜Super-reducedâ€™ iron under physiologically-relevant conditions. Dalton Transactions, 2010, 39, 1464-1466.	3.3	8
62	Multivariate analysis of reflectance spectra from propolis: Geographical variation in Romanian samples. Talanta, 2010, 81, 1010-1015.	5.5	35
63	Simultaneous Spectrophotometric Determination of Aspirin, Paracetamol, Caffeine, and Chlorphenamine from Pharmaceutical Formulations Using Multivariate Regression Methods. Analytical Letters, 2010, 43, 804-813.	1.8	38
64	High-performance thin-layer chromatography and three-dimensional image analysis for the determination of rutin in pharmaceutical preparations. Journal of AOAC INTERNATIONAL, 2010, 93, 804-10.	1.5	4
65	Redox reactivity in propolis: direct detection of free radicals in basic medium and interaction with hemoglobin. Redox Report, 2009, 14, 267-274.	4.5	34
66	Reductive dioxygen scavenging by flavoâ€diiron proteins of Clostridium acetobutylicum. FEBS Letters, 2009, 583, 241-245.	2.8	43
67	Quantitative Evaluation of Paracetamol and Caffeine from Pharmaceutical Preparations Using Image Analysis and RP-TLC. Chromatographia, 2009, 69, 151-155.	1.3	25
68	Quantitative determination of some food dyes using digital processing of images obtained by thin-layer chromatography. Journal of Chromatography A, 2008, 1188, 295-300.	3.7	122
69	Conventional versus Extended Standard Addition Method: Determination of Capsaicinoids in Topical Creams by High-Performance Liquid Chromatography â€“ Diode Array Detection (HPLC-DAD). Analytical Letters, 0, , 1-16.	1.8	0