

Augustin-C MoÅ£

List of Publications by Year in descending order

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69
papers

1,419
citations

393982

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360668

35
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70
all docs

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docs citations

70
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phytochemical Analysis of Vinca L. Species Leaf Extracts Is Correlated with the Antioxidant, Antibacterial, and Antitumor Effects. <i>Molecules</i> , 2021, 26, 3040.	1.7	12
2	Vitamin D Supplementation: Oxidative Stress Modulation in a Mouse Model of Ovalbumin-Induced Acute Asthmatic Airway Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7089.	1.8	13
3	Determination of selenium in food and environmental samples by hydride generation high-resolution continuum source quartz furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 267-272.	1.6	11
4	Chromatographic Determination of Total Selenium in Biofortified AlliumÂsp. following Piazselenol Formation and Micro-Solid-Phase Extraction. <i>Molecules</i> , 2021, 26, 6730.	1.7	1
5	The strange case of polyphenols inhibiting the Briggs-Rauscher reaction: pH-modulated reactivity of the superoxide radical. <i>Free Radical Biology and Medicine</i> , 2020, 146, 189-197.	1.3	5
6	Hemodialysis Patients with Pruritus and Insomnia Have Increased Risk of Death. <i>Blood Purification</i> , 2020, 49, 419-425.	0.9	8
7	Sugar matters: sugar moieties as reactivity-tuning factors in quercetin <i>O</i>-glycosides. <i>Food and Function</i> , 2020, 11, 5293-5307.	2.1	12
8	Excess Ascorbate is a Chemical Stress Agent against Proteins and Cells. <i>Pharmaceuticals</i> , 2020, 13, 107.	1.7	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. <i>Analytical Methods</i> , 2020, 12, 3260-3267.	1.3	1
10	Effects of Longâ€Term Exposure to Lowâ€Power 915â€MHz Unmodulated Radiation on <i>Phaseolus vulgaris</i> L.. <i>Bioelectromagnetics</i> , 2020, 41, 200-212.	0.9	11
11	Comprehensive evaluation of radical scavenging, reducing power and chelating capacity of free proteinogenic amino acids using spectroscopic assays and multivariate exploratory techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118158.	2.0	16
12	â€Yellowâ€laccase from <i>Sclerotinia sclerotiorum</i> is a blue laccase that enhances its substrate affinity by forming a reversible tyrosyl-product adduct. <i>PLoS ONE</i> , 2020, 15, e0225530.	1.1	19
13	Characterization and classification of medicinal plant extracts according to their antioxidant activity using high-performance liquid chromatography and multivariate analysis. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 71-82.	0.1	1
14	EPR fingerprinting and antioxidant response of four selected plantago species. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 209-220.	0.1	2
15	Comprehensive assessment of antioxidant and chelating capacity of some biogenic amines and related drugs. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 101-117.	0.1	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

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19	Title is missing!. , 2020, 15, e0225530.		0
20	Remarkable rutin-rich <i>Hypericum capitatum</i> extract exhibits anti-inflammatory effects on turpentine oil-induced inflammation in rats. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 289.	3.7	10
21	<i>Allium sativum</i> Extract Chemical Composition, Antioxidant Activity and Antifungal Effect against <i>Meyerozyma guilliermondii</i> and <i>Rhodotorula mucilaginosa</i> Causing Onychomycosis. <i>Molecules</i> , 2019, 24, 3958.	1.7	33
22	<i>In Vivo</i> Pharmacological and Anti-inflammatory Evaluation of Xerophyte <i>Plantago sempervirens</i> Crantz. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	8
23	EPR detection of sulfanyl radical during sulfhemoglobin formation – Influence of catalase. <i>Free Radical Biology and Medicine</i> , 2019, 137, 110-115.	1.3	5
24	Isolation, purification and characterization of ascorbate oxidase and peroxidase from <i>Cucurbita pepo</i> medullosa. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 49-60.	0.1	0
25	Bioactive compounds and <i>in vitro</i> antioxidant activity of some traditional and non-traditional cold-pressed edible oils from Macedonia. <i>Journal of Food Science and Technology</i> , 2018, 55, 1614-1623.	1.4	18
26	Real-time detection of N ⁶ -mediated ubiquitination via fluorescently labeled substrate probes. <i>New Phytologist</i> , 2018, 217, 613-624.	3.5	32
27	Fe(III) – Sulfide interaction in globins: Characterization and quest for a putative Fe(IV)-sulfide species. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 32-39.	1.5	12
28	Redox control and autoxidation of class 1, 2 and 3 phytooglobins from <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2018, 8, 13714.	1.6	9
29	Chemo-mapping and biochemical-modulatory and antioxidant/prooxidant effect of <i>Galium verum</i> extract during acute restraint and dark stress in female rats. <i>PLoS ONE</i> , 2018, 13, e0200022.	1.1	14
30	Phytochemical Analysis of Anti-Inflammatory and Antioxidant Effects of <i>Mahonia aquifolium</i> Flower and Fruit Extracts. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	33
31	The Reaction of Oxy Hemoglobin with Nitrite: Mechanism, Antioxidant-Modulated Effect, and Implications for Blood Substitute Evaluation. <i>Molecules</i> , 2018, 23, 350.	1.7	20
32	The high affinity of small-molecule antioxidants for hemoglobin. <i>Free Radical Biology and Medicine</i> , 2018, 124, 260-274.	1.3	14
33	Alternative fluorimetric-based method to detect and compare total S-nitrosothiols in plants. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 68, 7-13.	1.2	9
34	Chlorite reactivity with myoglobin: Analogy with peroxide and nitrite chemistry?. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 122-128.	1.5	0
35	Reversible naftifine-induced carotenoid depigmentation in <i>Rhodotorula mucilaginosa</i> (A. JĂŁrg.) F.C. Harrison causing onychomycosis. <i>Scientific Reports</i> , 2017, 7, 11125.	1.6	18
36	Probing Reducing Power for Ferryl Phytooglobins of Several Phenolic Compounds Using Their Kinetic Profiles Assisted by Chemometric Methods. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 49-66.	0.1	1

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37	Generation of Artificial N-end Rule Substrate Proteins In Vivo and In Vitro. <i>Methods in Molecular Biology</i> , 2016, 1450, 55-83.	0.4	15
38	Antioxidant activity evaluation by physiologically relevant assays based on haemoglobin peroxidase activity and cytochrome <i>c</i> -induced oxidation of liposomes. <i>Natural Product Research</i> , 2016, 30, 1315-1319.	1.0	15
39	Study of the Relationships between the Structure, Lipophilicity and Biological Activity of Some Thiazolyl-carbonyl-thiosemicarbazides and Thiazolyl-azoles. <i>Molecules</i> , 2015, 20, 22188-22201.	1.7	17
40	Testing antiplatelet and antioxidant activity of the extract of seven varieties of <i>Allium cepa</i> L.. <i>Open Life Sciences</i> , 2015, 10, .	0.6	2
41	Antioxidant Activity Evaluation Involving Hemoglobin-Related Free Radical Reactivity. <i>Methods in Molecular Biology</i> , 2015, 1208, 247-255.	0.4	20
42	Evaluation of Antioxidant and Antimicrobial Activities and Phenolic Profile for <i>Hyssopus officinalis</i> , <i>Ocimum basilicum</i> and <i>Teucrium chamaedrys</i> . <i>Molecules</i> , 2014, 19, 5490-5507.	1.7	151
43	An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. <i>Food Chemistry</i> , 2014, 143, 214-222.	4.2	19
44	EPR investigation of libration motion of spin labeled hemerythrin. <i>Journal of Molecular Structure</i> , 2014, 1073, 18-23.	1.8	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. <i>Biomacromolecules</i> , 2014, 15, 1920-1927.	2.6	31
46	Contrast between Water- and Ethanol- Based Antioxidant Assays: Aspen (<i>Populus</i>) Tj ETQq0 0 0 rgBT /Overloc <i>Journal of Food Quality</i> , 2014, 37, 259-267.	1.4	18
47	Laccase is upregulated via stress pathways in the phytopathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Fungal Biology</i> , 2013, 117, 528-539.	1.1	22
48	Protein-Based Blood Substitutes: Recent Attempts at Controlling Pro-Oxidant Reactivity with and Beyond Hemoglobin. <i>Pharmaceuticals</i> , 2013, 6, 867-880.	1.7	7
49	Polyphenolic Composition, Antioxidant and Antibacterial Activities for Two Romanian Subspecies of <i>Achillea distans</i> Waldst. et Kit. ex Willd.. <i>Molecules</i> , 2013, 18, 8725-8739.	1.7	53
50	Anticancer and Antimicrobial Activities of Some Antioxidant-Rich Cameroonian Medicinal Plants. <i>PLoS ONE</i> , 2013, 8, e55880.	1.1	58
51	Laccases: Complex architectures for one-electron oxidations. <i>Biochemistry (Moscow)</i> , 2012, 77, 1395-1407.	0.7	71
52	Axial ligation in water-soluble copper porphyrinates: contrasts between EPR and UV-vis. <i>Inorganic Chemistry Communication</i> , 2012, 18, 1-3.	1.8	6
53	A yellow-laccase with blue-spectroscopic features, from <i>Sclerotinia sclerotiorum</i> . <i>Process Biochemistry</i> , 2012, 47, 968-975.	1.8	43
54	Exploring the possibility of high-valent copper in models of copper proteins with a three-histidine copper-binding motif. <i>Open Chemistry</i> , 2012, 10, 1527-1533.	1.0	1

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55	Ecosystem discrimination and fingerprinting of Romanian propolis by hierarchical fuzzy clustering and image analysis of TLC patterns. <i>Talanta</i> , 2011, 85, 1112-1117.	2.9	48
56	A New Polyethyleneglycol-Derivatized Hemoglobin Derivative with Decreased Oxygen Affinity and Limited Toxicity. <i>Protein Journal</i> , 2011, 30, 27-31.	0.7	12
57	Towards hemerythrin-based blood substitutes: Comparative performance to hemoglobin on human leukocytes and umbilical vein endothelial cells. <i>Journal of Biosciences</i> , 2011, 36, 215-221.	0.5	18
58	Rapid and effective evaluation of the antioxidant capacity of propolis extracts using DPPH bleaching kinetic profiles, FT-IR and UV-Vis spectroscopic data. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 516-522.	1.9	92
59	Towards the Development of Hemerythrin-Based Blood Substitutes. <i>Protein Journal</i> , 2010, 29, 387-393.	0.7	20
60	High-Performance Thin-Layer Chromatography and Three-Dimensional Image Analysis for the Determination of Rutin in Pharmaceutical Preparations. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 804-810.	0.7	16
61	â€œSuper-reducedâ€™ iron under physiologically-relevant conditions. <i>Dalton Transactions</i> , 2010, 39, 1464-1466.	1.6	8
62	Multivariate analysis of reflectance spectra from propolis: Geographical variation in Romanian samples. <i>Talanta</i> , 2010, 81, 1010-1015.	2.9	35
63	Simultaneous Spectrophotometric Determination of Aspirin, Paracetamol, Caffeine, and Chlorphenamine from Pharmaceutical Formulations Using Multivariate Regression Methods. <i>Analytical Letters</i> , 2010, 43, 804-813.	1.0	38
64	High-performance thin-layer chromatography and three-dimensional image analysis for the determination of rutin in pharmaceutical preparations. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 804-10.	0.7	4
65	Redox reactivity in propolis: direct detection of free radicals in basic medium and interaction with hemoglobin. <i>Redox Report</i> , 2009, 14, 267-274.	1.4	34
66	Reductive dioxygen scavenging by flavo-iron proteins of <i>Clostridium acetobutylicum</i> . <i>FEBS Letters</i> , 2009, 583, 241-245.	1.3	43
67	Quantitative Evaluation of Paracetamol and Caffeine from Pharmaceutical Preparations Using Image Analysis and RP-TLC. <i>Chromatographia</i> , 2009, 69, 151-155.	0.7	25
68	Quantitative determination of some food dyes using digital processing of images obtained by thin-layer chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 295-300.	1.8	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). <i>Analytical Letters</i> , 0, , 1-16.	1.0	0