

Marcelo Barcellos da Rosa

List of Publications by Year in descending order

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59
papers

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citations

840776

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888059

17
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60
all docs

60
docs citations

60
times ranked

718
citing authors

#	ARTICLE	IF	CITATIONS
1	Mangroves as traps for environmental damage to metals: The case study of the Fundão Dam. <i>Science of the Total Environment</i> , 2022, 806, 150452.	8.0	6
2	Reviewing variables and their implications affecting adsorption of Cr(VI) onto activated carbon: an in-depth statistical case study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49832-49849.	5.3	1
3	Thermodynamics of aggregation and modulation of Rheo-Thermal properties of hydroxypropyl cellulose by imidazolium ionic liquids. <i>Journal of Molecular Liquids</i> , 2022, 359, 119314.	4.9	4
4	A critical examination of the DPPH method: Mistakes and inconsistencies in stoichiometry and IC50 determination by UV-Vis spectroscopy. <i>Analytica Chimica Acta</i> , 2021, 1157, 338398.	5.4	30
5	A Comparative Study Between High Density Polyethylene, Polyurethane Foam and Amberlite XAD-2 in the Removal of Different PAHs. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1347-1361.	2.6	4
6	<i>Hesperozygis ringens</i> (Benth.) Epling: a study involving extraction, chemical profiling, antioxidant and biological activity. <i>Natural Product Research</i> , 2020, 35, 1-6.	1.8	2
7	Application of multivariate analysis on naphthalene adsorption in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3329-3337.	5.3	10
8	Mineral Composition of <i>Conarus</i> (<i>Conarus perrottetii</i> var. <i>angustifolius</i>) and <i>Mansoa</i> (<i>Mansoa alliacea</i>) Species. <i>Current Nutrition and Food Science</i> , 2020, 16, 75-82.	0.6	0
9	A multivariate approach at the thermodynamic properties of rare earth elements. <i>Thermochemica Acta</i> , 2019, 678, 178315.	2.7	8
10	Mineralogy, whole-rock geochemistry and C, O isotopes from Passo Feio Carbonatite, Sul-Riograndense Shield, Brazil. <i>Journal of South American Earth Sciences</i> , 2019, 94, 102208.	1.4	1
11	Reversed-Phase High-Performance Liquid Chromatography for the Determination of 15 Rare Earth Elements in Surface Water Sample Collected in a Mining Area from Lavras do Sul/RS, Brazil. <i>Chromatographia</i> , 2019, 82, 843-856.	1.3	8
12	Determination of Rare Earth Elements in Natural Water Samples by Rapid Sequential High-Resolution Continuum Source Flame Atomic Absorption Spectrometry (HR-CS FAAS) and inductively Coupled Plasma-Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2019, 52, 2057-2068.	1.8	3
13	FORMULATION AND CHARACTERIZATION OF ULTRASOUND-ASSISTED NANOEMULSIONS CONTAINING PALM OIL (<i>Elaeis guineensis</i> Jacq) IN WATER. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 941-947.	1.3	6
14	Some triterpenic compounds in extracts of <i>Cecropia</i> and <i>Bauhinia</i> species for different sampling years. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 21-26.	1.4	11
15	Qualitative and quantitative analysis of the phenolic content of <i>Conarus</i> var. <i>angustifolius</i> , <i>Cecropia obtusa</i> , <i>Cecropia palmata</i> and <i>Mansoa alliacea</i> based on HPLC-DAD and UHPLC-ESI-MS/MS. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 426-433.	1.4	16
16	Ultrasound-assisted extraction of bioactive compounds from palm pressed fiber with high antioxidant and photoprotective activities. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 362-366.	8.2	28
17	Applications of computational chemistry to the study of the antiradical activity of carotenoids: A review. <i>Food Chemistry</i> , 2017, 217, 37-44.	8.2	37
18	Poly(methylene blue)-modified electrode for indirect electrochemical sensing of OH radicals and radical scavengers. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 1381-1389.	0.8	9

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19	<i>Vitis vinifera</i> L. cv Pinot noir pomace and lees as potential sources of bioactive compounds. International Journal of Food Sciences and Nutrition, 2016, 67, 789-796.	2.8	16
20	Ethnopharmacological study and topical anti-inflammatory activity of crude extract from Poikilacanthus glandulosus (Nees) Ariza leaves. Journal of Ethnopharmacology, 2016, 193, 60-67.	4.1	17
21	Extraction of bioactive compounds from palm (Elaeis guineensis) pressed fiber using different compressed fluids. Journal of Supercritical Fluids, 2016, 112, 51-56.	3.2	28
22	ATIVIDADE ANTIOXIDANTE (ROOâ€¢, O2â€¢- E DPPH) E COMPOSTOS FENÃ“LICOS MAJORITÃRIOS PARA FOLHA, FLOR, RAMO E INFLORESCÃNCIA DA ACHILLEA MILLEFOLIUM. CiÃªncia E Natura, 2016, 38, 1487.	0.0	2
23	PERFIL CROMATOGRÃFICO E ATIVIDADE ANTIOXIDANTE FRENTE AOS RADICAIS PEROXILA (ROOâ€¢), SUPERÃ“XIDO (O2â€¢-) E DPPH DA FOLHA, FLOR, RAMO E INFLORESCÃNCIA DA PLECTRANTHUS BARBATUS. CiÃªncia E Natura, 2016, 38, 1496.	0.0	0
24	Determination of Phenolic Antioxidants in Amazonian Medicinal Plants by HPLC with Pulsed Amperometric Detection. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1259-1266.	1.0	7
25	Ultrasound-Assisted Extraction and Biological Activities of Extracts of Brassica oleracea var. capitata. Food Technology and Biotechnology, 2015, 53, 102-109.	2.1	15
26	Emulsified systems for metal determination by spectrometric methods. TrAC - Trends in Analytical Chemistry, 2014, 53, 49-59.	11.4	14
27	IMPORTÃNCIA DO CONHECIMENTO TRADICIONAL NO USO DE PLANTAS MEDICINAIS EM BURITIS, MG, BRASIL. CiÃªncia E Natura, 2014, 36, .	0.0	3
28	ANTINOCICEPTIVE AND ANTI-INFLAMMATORY EFFECTS OF HYDROALCOHOLIC EXTRACT OF LEAVES OF PIPTADENIA GONOACANTHA (MART.) MACBR. IN EXPERIMENTAL ANIMAL MODELS. CiÃªncia E Natura, 2014, 36, .	0.0	0
29	ASPECTOS QUÃMICOS E ATIVIDADE ANTIBACTERIANA DE <i>PIPTADENIAGONOACANTHA</i> (FABACEAE). CiÃªncia E Natura, 2014, 36, .	0.0	0
30	Supercritical CO2 extraction, chemical characterisation and antioxidant potential of Brassica oleracea var capitata against HO, H_2O_2 and NO. Food Chemistry, 2013, 141, 3954-3959.	8.2	16
31	Antifungal activity of extracts from Piper aduncum leaves prepared by different solvents and extraction techniques against dermatophytes Trichophyton rubrum and Trichophyton interdigitale. Brazilian Journal of Microbiology, 2013, 44, 1275-1278.	2.0	13
32	MESTRADO PROFISSIONALIZANTE E NOVAS TECNOLOGIAS EDUCACIONAIS: UMA PROPOSTA DE AMBIENTE VIRTUAL DE ENSINO E APRENDIZAGEM. Revista EletrÃnica Em GestÃo EducaÃo E Tecnologia Ambiental, 2013, 12, .	0.0	0
33	ParÃmetros climÃticos e variaÃo de compostos fenÃlicos em cevada. Ciencia Rural, 2013, 43, 1546-1552.	0.5	3
34	Immobilization of inulinase obtained by solid-state fermentation using spray-drying technology. Biocatalysis and Biotransformation, 2012, 30, 409-416.	2.0	8
35	Reconstruction and searching ozone data periodicities in southern Brazil (29Â°S, 53Â°W). Revista Brasileira De Meteorologia, 2012, 27, 243-252.	0.5	4
36	ESTUDO DA SECAGEM E EXTRAÃO DE SEMENTES DE MAMÃO (CARICA PAPAYA L.). Revista EletrÃnica Em GestÃo EducaÃo E Tecnologia Ambiental, 2012, 5, .	0.0	6

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37	EVALUATION OF ANTIOXIDANT ACTIVITY AND CHROMATOGRAPHIC PROFILE OF EXTRACTS FROM THE FALSE JABORANDI (PIPER ADUNCUM). Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, 2012, 6, .	0.0	0
38	ESTRATÉGIAS EXTENSIONISTAS DO CURSO DE ESPECIALIZAÇÃO EM EDUCAÇÃO AMBIENTAL DA UFSM. Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, 2012, 6, .	0.0	1
39	ARTICULAÇÃO E CINEMA: UMA PROPOSTA INTERDISCIPLINAR PARA A EDUCAÇÃO AMBIENTAL. Revista Monografias Ambientais, 2012, 9, .	0.1	0
40	ATIVIDADE ANTIBACTERIANA DE Brassica oleracea var. capitata EM MODELOS EXPERIMENTAIS IN VITRO. Revista Monografias Ambientais, 2012, 9, .	0.1	0
41	Educação ambiental em escolas: sensibilizando o professor de pequenos municípios. Revista Monografias Ambientais, 2011, 2, 312-319.	0.1	0
42	Difusão de material informativo sobre o descarte de resíduos radiológicos entre acadêmicos de odontologia e cirurgiões-dentistas da região Sul do Brasil. Revista Monografias Ambientais, 2011, 3, 476-481.	0.1	0
43	Determination of metallic contaminants in human recombinant erythropoietin (EPO) formulations by adsorptive cathodic stripping voltammetry and UV photo-decomposition of samples. Journal of the Brazilian Chemical Society, 2010, 21, 701-709.	0.6	2
44	A língua espanhola como ferramenta para prática da educação ambiental. Revista Monografias Ambientais, 2010, 1, 133-147.	0.1	0
45	Educação ambiental à distância: capacitação em documentos referência. Revista Monografias Ambientais, 2010, 1, 46-59.	0.1	0
46	Uma proposta de atividades práticas em educação ambiental para o Ensino Fundamental. Revista Monografias Ambientais, 2010, 1, 108-121.	0.1	0
47	Conscientização ambiental na Educação Infantil. Revista Monografias Ambientais, 2010, 1, 122-132.	0.1	1
48	Dosimetria esporular: Bacillus subtilis TKJ6312 como biossensor de radiação solar biologicamente ativa. Quimica Nova, 2009, 32, 282-285.	0.3	4
49	Variations and trends of biologically effective doses of solar ultraviolet radiation in Asia, Europe and South America from 1999 to 2007. Photochemical and Photobiological Sciences, 2009, 8, 1117-1124.	2.9	10
50	CIPACRAVO (TYNNANTHUS FASCICULATUS MIERS ex BIGNONIACEAE): ESTUDO FITOQUÍMICO E TOXICOLÓGICO ENVOLVENDO ARTEMIA SALINA. Revista Eletrônica De Farmácia, 2009, 6, .	0.3	3
51	ACHILLEA MILLEFOLIUM ex ASTERACEAE: ESTUDO FITOQUÍMICO, ESPECTROFOTOMÉTRICO E DA ATIVIDADE ANTIFÚNGICA (COLLETOTRICHUM MUSAE). Revista Eletrônica De Farmácia, 2009, 6, .	0.3	1
52	Determinação voltamétrica de metais em águas e fluidos biológicos empregando mineralização de amostras com radiação ultravioleta. Quimica Nova, 2008, 31, 1336-1342.	0.3	6
53	Estudo espectrométrico de diferentes estrogênios fenólicos da Brassica oleracea var. capitata. Revista Brasileira De Farmacognosia, 2008, 18, 249-257.	1.4	10
54	Spectrophotometric determination of ozone in ozonized air currents with chemical gas-liquid transfer using a microreactor. This paper was presented at the Flow Analysis VII Conference held in Piracicaba, Brazil, from 23 to 26 August 1997.1. Analytica Chimica Acta, 1999, 380, 93-99.	5.4	10

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55	Ketamine in the treatment of cocaine use disorders. <i>Ciência E Natura</i> , 0, 43, e22-44077.	0.0	0
56	An Overview about the chemical composition and Biological Activity of Medicinal species found in the Brazilian Amazon. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 233-238.	1.0	4
57	ASPECTOS LEGAIS NO GERENCIAMENTO DE RESÍDUOS SÓLIDOS DE SERVIÇOS DE SAÚDE. <i>Revista Eletrônica Do Curso De Direito Da UFSM</i> , 0, 8, 586.	0.0	0
58	Majoritary triterpenic compounds in some angiosperms of the central region of Rio Grande do Sul state. <i>Ciência E Natura</i> , 0, 42, e26.	0.0	1
59	Antimicrobial activity of dermocosmetic formulations based on <i>Piptadenia gonoacantha</i> . <i>Ciência E Natura</i> , 0, 43, e2.	0.0	0