

Mrcia C Bisinoti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

693
citations

17
h-index

25
g-index

53
ext. papers

833
ext. citations

3.7
avg, IF

4.03
L-index

#	Paper	IF	Citations
44	Hydrochar from sugarcane industry by-products: assessment of its potential use as a soil conditioner by germination and growth of maize. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	4
43	ICP- quadrupole MS for accurate determination of chromium in environmental and food matrices. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021 , 15, 100421	3.3	2
42	Insights on Molecular Characteristics of Hydrochars by C-NMR and Off-Line TMAH-GC/MS and Assessment of Their Potential Use as Plant Growth Promoters. <i>Molecules</i> , 2021 , 26,	4.8	2
41	Hydrochar obtained with by-products from the sugarcane industry: Molecular features and effects of extracts on maize seed germination. <i>Journal of Environmental Management</i> , 2021 , 281, 111878	7.9	1
40	Chelating properties of humic-like substances obtained from process water of hydrothermal carbonization. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101688	7	2
39	Semivolatile organic compounds in the products from hydrothermal carbonisation of sugar cane bagasse and vinasse by gas chromatography-mass spectrometry. <i>Bioresource Technology Reports</i> , 2020 , 12, 100594	4.1	2
38	Humic-like acids from hydrochars: Study of the metal complexation properties compared with humic acids from anthropogenic soils using PARAFAC and time-resolved fluorescence. <i>Science of the Total Environment</i> , 2020 , 722, 137815	10.2	21
37	Humic extracts from hydrochar and Amazonian Anthrosol: Molecular features and metal binding properties using EEM-PARAFAC and 2D FTIR correlation analyses. <i>Chemosphere</i> , 2020 , 256, 127110	8.4	7
36	Humic extracts of hydrochar and Amazonian Dark Earth: Molecular characteristics and effects on maize seed germination. <i>Science of the Total Environment</i> , 2020 , 708, 135000	10.2	25
35	New Proposal for Sugarcane Vinasse Treatment by Hydrothermal Carbonization: An Evaluation of Solid and Liquid Products. <i>Journal of the Brazilian Chemical Society</i> , 2020 ,	1.5	2
34	Factorial design of experiments for extraction and screening analysis of organic compounds in hydrochar and its process water of sugar cane bagasse and vinasse. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	3
33	Fulvic acids from Amazonian anthropogenic soils: Insight into the molecular composition and copper binding properties using fluorescence techniques. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111173	7	3
32	Application of Carbon-Based Nanomaterials as Fertilizers in Soils 2019 , 305-333		4
31	Hydrochars produced with by-products from the sucroenergetic industry: a study of extractor solutions on nutrient and organic carbon release. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 9137-9145	5.1	0
30	Release of nutrients and organic carbon in different soil types from hydrochar obtained using sugarcane bagasse and vinasse. <i>Geoderma</i> , 2019 , 334, 24-32	6.7	43
29	DISPONIBILIDADE DE NUTRIENTES E CARBONO ORGÂNICO EM SOLOS CONTENDO CARVÃO HIDROTÉRMICO LAVADO E NÃO LAVADO E COMPARAÇÃO COM SOLOS ANTROPOGÊNICOS. <i>Quimica Nova</i> , 2019 ,	1.6	2
28	Toxicity evaluation of process water from hydrothermal carbonization of sugarcane industry by-products. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 27579-27589	5.1	18

27	Morphological analysis of soil particles at multiple length-scale reveals nutrient stocks of Amazonian Anthrosols. <i>Geoderma</i> , 2018 , 311, 58-66	6.7	14
26	Effect of the reaction medium on the immobilization of nutrients in hydrochars obtained using sugarcane industry residues. <i>Bioresource Technology</i> , 2017 , 237, 213-221	11	27
25	Biochemical effects of fipronil and its metabolites on lipid peroxidation and enzymatic antioxidant defense in tadpoles (<i>Eupemphix nattereri</i> : Leiuperidae). <i>Ecotoxicology and Environmental Safety</i> , 2017 , 136, 173-179	7	38
24	Transforming Sugarcane Bagasse and Vinasse Wastes into Hydrochar in the Presence of Phosphoric Acid: An Evaluation of Nutrient Contents and Structural Properties. <i>Waste and Biomass Valorization</i> , 2017 , 8, 1139-1151	3.2	26
23	Source of polynuclear aromatic hydrocarbons found in sediment in a region of expanding sugarcane cultivation of S ^ˆ ˆ Paulo State, Brazil. <i>Journal of Soils and Sediments</i> , 2016 , 16, 1599-1611	3.4	2
22	Characterization of typical aquatic humic substances in areas of sugarcane cultivation in Brazil using tetramethylammonium hydroxide thermochemolysis. <i>Science of the Total Environment</i> , 2015 , 518-519, 201-8	10.2	17
21	Development, validation, and application of a method for the GC-MS analysis of fipronil and three of its degradation products in samples of water, soil, and sediment. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015 , 50, 753-9	2.2	6
20	Off-line TMAH-GC/MS and NMR characterization of humic substances extracted from river sediments of northwestern S ^ˆ ˆ Paulo under different soil uses. <i>Science of the Total Environment</i> , 2015 , 506-507, 234-40	10.2	21
19	Occurrence of Cu and Cr in the sedimentary humic substances and pore water from a typical sugar cane cultivation area in S ^ˆ ˆ Paulo, Brazil. <i>Journal of Soils and Sediments</i> , 2014 , 14, 377-384	3.4	5
18	Seasonal variability of a conditional stability constant and the characterization of sedimentary humic substances from typical agricultural and urban areas. <i>Journal of Soils and Sediments</i> , 2014 , 14, 385-393	3.4	2
17	Development of a simple and versatile ultrafiltration system for the fractionation of aquatic humic substances. <i>Organic Geochemistry</i> , 2012 , 43, 156-161	3.1	4
16	Metal fluxes at the sediment-water interface in rivers in the Turvo/Grande drainage basin, S ^ˆ ˆ Paulo State, Brazil. <i>Journal of Soils and Sediments</i> , 2012 , 12, 1508-1516	3.4	11
15	Solar radiation effect on the complexation capacity of aquatic humic substances with metals. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 1871-1879	1.5	3
14	Mercury Redox Chemistry in the Negro River Basin, Amazon: The Role of Organic Matter and Solar Light. <i>Aquatic Geochemistry</i> , 2010 , 16, 267-278	1.7	18
13	Variabilidade espacial e temporal de parâmetros físico-químicos nos rios Turvo, Preto e Grande no estado de S ^ˆ ˆ Paulo, Brasil. <i>Quimica Nova</i> , 2010 , 33, 1831-1836	1.6	9
12	Major aspects of the mercury cycle in the Negro River Basin, Amazon. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1127-1134	1.5	19
11	Perfil espacial e temporal de poluentes nas águas da represa municipal de S ^ˆ ˆ Josˆ do Rio Preto, S ^ˆ ˆ Paulo, Brasil. <i>Quimica Nova</i> , 2009 , 32, 1436-1441	1.6	8
10	Simultaneous Determination of Phenanthrene and Benzo(a)pyrene in Water Samples by Synchronous Fluorescence Spectroscopy. <i>Analytical Letters</i> , 2009 , 42, 2271-2279	2.2	5

9	Water quality index as a simple indicator of aquaculture effects on aquatic bodies. <i>Ecological Indicators</i> , 2008 , 8, 476-484	5.8	134
8	Seasonal behavior of mercury species in waters and sediments from the Negro River Basin, Amazon, Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18, 544-553	1.5	17
7	Substâncias tóxicas persistentes (STP) no Brasil. <i>Quimica Nova</i> , 2007 , 30, 1976-1985	1.6	35
6	Avaliação do efeito da piscicultura em sistemas aquáticos em Assis e Cêdido Mota, Sã Paulo, por indicador de qualidade da água e análise estatística multivariada. <i>Quimica Nova</i> , 2007 , 30, 1835-1841	1.6	3
5	Sorption of mercury (II) in Amazon soils from column studies. <i>Chemosphere</i> , 2005 , 60, 1583-9	8.4	33
4	Factors affecting Hg (II) adsorption in soils from the Rio Negro basin (Amazon). <i>Quimica Nova</i> , 2005 , 28, 438-443	1.6	54
3	O comportamento do metilmercúrio (metilHg) no ambiente. <i>Quimica Nova</i> , 2004 , 27, 593	1.6	32
2	Production of organic mercury from Hg ⁰ : experiments using microcosms. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 244-248	1.5	7
1	Hydrothermal carbonization of sugarcane industry by-products and process water reuse: structural, morphological, and fuel properties of hydrochars. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	1