Mrcia C Bisinoti

List of Publications by Citations

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	Water quality index as a simple indicator of aquaculture effects on aquatic bodies. *Ecological Indicators*, **2008**, 8, 476-484	5.8	134
43	Factors affecting Hg (II) adsorption in soils from the Rio Negro basin (Amazon). *Quimica Nova*, **2005**, 28, 438-443	1.6	54
42	Release of nutrients and organic carbon in different soil types from hydrochar obtained using sugarcane bagasse and vinasse. *Geoderma*, **2019**, 334, 24-32	6.7	43
41	Biochemical effects of fipronil and its metabolites on lipid peroxidation and enzymatic antioxidant defense in tadpoles (Eupemphix nattereri: Leiuperidae). *Ecotoxicology and Environmental Safety*, **2017**, 136, 173-179	7	38
40	Subst^ ?cias t^ ?icas persistentes (STP) no Brasil. *Quimica Nova*, **2007**, 30, 1976-1985	1.6	35
39	Sorption of mercury (II) in Amazon soils from column studies. *Chemosphere*, **2005**, 60, 1583-9	8.4	33
38	O comportamento do metilmerc^ ?io (metilHg) no ambiente. *Quimica Nova*, **2004**, 27, 593	1.6	32
37	Effect of the reaction medium on the immobilization of nutrients in hydrochars obtained using sugarcane industry residues. *Bioresource Technology*, **2017**, 237, 213-221	11	27
36	Transforming Sugarcane Bagasse and Vinasse Wastes into Hydrochar in the Presence of Phosphoric Acid: An Evaluation of Nutrient Contents and Structural Properties. *Waste and Biomass Valorization*, **2017**, 8, 1139-1151	3.2	26
35	Humic extracts of hydrochar and Amazonian Dark Earth: Molecular characteristics and effects on maize seed germination. *Science of the Total Environment*, **2020**, 708, 135000	10.2	25
34	Off-line TMAH-GC/MS and NMR characterization of humic substances extracted from river sediments of northwestern S^ ?o Paulo under different soil uses. *Science of the Total Environment*, **2015**, 506-507, 234-40	10.2	21
33	Humic-like acids from hydrochars: Study of the metal complexation properties compared with humic acids from anthropogenic soils using PARAFAC and time-resolved fluorescence. *Science of the Total Environment*, **2020**, 722, 137815	10.2	21
32	Major aspects of the mercury cycle in the Negro River Basin, Amazon. *Journal of the Brazilian Chemical Society*, **2009**, 20, 1127-1134	1.5	19
31	Mercury Redox Chemistry in the Negro River Basin, Amazon: The Role of Organic Matter and Solar Light. *Aquatic Geochemistry*, **2010**, 16, 267-278	1.7	18
30	Toxicity evaluation of process water from hydrothermal carbonization of sugarcane industry by-products. *Environmental Science and Pollution Research*, **2019**, 26, 27579-27589	5.1	18
29	Characterization of typical aquatic humic substances in areas of sugarcane cultivation in Brazil using tetramethylammonium hydroxide thermochemolysis. *Science of the Total Environment*, **2015**, 518-519, 201-8	10.2	17
28	Seasonal behavior of mercury species in waters and sediments from the Negro River Basin, Amazon, Brazil. *Journal of the Brazilian Chemical Society*, **2007**, 18, 544-553	1.5	17

27	Morphological analysis of soil particles at multiple length-scale reveals nutrient stocks of Amazonian Anthrosols. *Geoderma*, **2018**, 311, 58-66	6.7	14
26	Metal fluxes at the sedimentâ□water interface in rivers in the Turvo/Grande drainage basin, Sˆ □ Paulo State, Brazil. *Journal of Soils and Sediments*, **2012**, 12, 1508-1516	3.4	11
25	Variabilidade espacial e temporal de parˆ □metros fˆ □sico-quˆ □micos nos rios Turvo, Preto e Grande no estado de Sˆ □ Paulo, Brasil. *Quimica Nova*, **2010**, 33, 1831-1836	1.6	9
24	Perfil espacial e temporal de poluentes nas ˆ □guas da represa municipal de Sˆ □ Josˆ □do Rio Preto, Sˆ □ Paulo, Brasil. *Quimica Nova*, **2009**, 32, 1436-1441	1.6	8
23	Production of organic mercury from Hg0: experiments using microcosms. *Journal of the Brazilian Chemical Society*, **2003**, 14, 244-248	1.5	7
22	Humic extracts from hydrochar and Amazonian Anthrosol: Molecular features and metal binding properties using EEM-PARAFAC and 2D FTIR correlation analyses. *Chemosphere*, **2020**, 256, 127110	8.4	7
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. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2015**, 50, 753-9	2.2	6
20	Occurrence of Cu and Cr in the sedimentary humic substances and pore water from a typical sugar cane cultivation area in Sˆ □ Paulo, Brazil. *Journal of Soils and Sediments*, **2014**, 14, 377-384	3.4	5
19	Simultaneous Determination of Phenanthrene and Benzo(a)pyrene in Water Samples by Synchronous Fluorescence Spectroscopy. *Analytical Letters*, **2009**, 42, 2271-2279	2.2	5
18	Application of Carbon-Based Nanomaterials as Fertilizers in Soils **2019**, 305-333		4
17	Development of a simple and versatile ultrafiltration system for the fractionation of aquatic humic substances. *Organic Geochemistry*, **2012**, 43, 156-161	3.1	4
16	Hydrochar from sugarcane industry by-products: assessment of its potential use as a soil conditioner by germination and growth of maize. *Chemical and Biological Technologies in Agriculture* , **2021**, 8,	4.4	4
15	Avaliaˆ □□o do efeito da piscicultura em sistemas aquˆ □ticos em Assis e Cˆ □ndido Mota, Sˆ □ Paulo, por indicador de qualidade da ˆ □gua e anˆ □lise estatˆ □stica multivariada. *Quimica Nova*, **2007**, 30, 1835-1841	1.6	3
14	Solar radiation effect on the complexation capacity of aquatic humic substances with metals. *Journal of the Brazilian Chemical Society*, **2012**, 23, 1871-1879	1.5	3
13	Factorial design of experiments for extraction and screening analysis of organic compounds in hydrochar and its process water of sugar cane bagasse and vinasse. *Biomass Conversion and Biorefinery*, **2020**, 1	2.3	3
12	Fulvic acids from Amazonian anthropogenic soils: Insight into the molecular composition and copper binding properties using fluorescence techniques. *Ecotoxicology and Environmental Safety*, **2020**, 205, 111173	7	3
11	Semivolatile organic compounds in the products from hydrothermal carbonisation of sugar cane bagasse and vinasse by gas chromatography-mass spectrometry. *Bioresource Technology Reports*, **2020**, 12, 100594	4.1	2
10	Source of polynuclear aromatic hydrocarbons found in sediment in a region of expanding sugarcane cultivation of Sˆ □ Paulo State, Brazil. *Journal of Soils and Sediments*, **2016**, 16, 1599-1611	3.4	2

9	Seasonal variability of a conditional stability constant and the characterization of sedimentary humic substances from typical agricultural and urban areas. *Journal of Soils and Sediments*, **2014**, 14, 385-393	3.4	2
8	DISPONIBILIDADE DE NUTRIENTES E CARBONO ORGÂNICO EM SOLOS CONTENDO CARVÃO HIDROTÉRMICO LAVADO E NÃO LAVADO E COMPARAÇÃO COM SOLOS ANTROPOGÊNICOS. *Quimica Nova*, **2019**,	1.6	2
7	New Proposal for Sugarcane Vinasse Treatment by Hydrothermal Carbonization: An Evaluation of Solid and Liquid Products. *Journal of the Brazilian Chemical Society*, **2020**,	1.5	2
6	ICP- quadrupole MS for accurate determination of chromium in environmental and food matrices. *Environmental Nanotechnology, Monitoring and Management*, **2021**, 15, 100421	3.3	2
5	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. *Molecules*, **2021**, 26,	4.8	2
4	Chelating properties of humic-like substances obtained from process water of hydrothermal carbonization. *Environmental Technology and Innovation*, **2021**, 23, 101688	7	2
3	Hydrothermal carbonization of sugarcane industry by-products and process water reuse: structural, morphological, and fuel properties of hydrochars. *Biomass Conversion and Biorefinery*,1	2.3	1
2	Hydrochar obtained with by-products from the sugarcane industry: Molecular features and effects of extracts on maize seed germination. *Journal of Environmental Management*, **2021**, 281, 111878	7.9	1
1	Hydrochars produced with by-products from the sucroenergetic industry: a study of extractor solutions on nutrient and organic carbon release. *Environmental Science and Pollution Research*, **2019**, 26, 9137-9145	5.1	0