Georgia Labuto

List of Publications by Year
in descending order

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37 papers	961 citations	567281 15 h-index	454955 30 g-index
38 all docs	38 docs citations	38 times ranked	1003 citing authors

#	Article	IF	Citations
1	Effect of acid concentration on closed-vessel microwave-assisted digestion of plant materials. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 2121-2132.	2.9	151
2	Microplastics in sediments from Amazon rivers, Brazil. Science of the Total Environment, 2020, 749, 141604.	8.0	93
3	Focused-microwave-assisted strategies for sample preparation. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 1855-1876.	2.9	87
4	Coconut coir as biosorbent for Cr(VI) removal from laboratory wastewater. Journal of Hazardous Materials, 2008, 159, 252-256.	12.4	81
5	Oil spill cleanup employing magnetite nanoparticles and yeast-based magnetic bionanocomposite. Journal of Environmental Management, 2019, 230, 405-412.	7.8	55
6	Single vessel procedure for acid-vapour partial digestion in a focused microwave: Fe and Co determination in biological samples by ETAAS. Analyst, The, 2000, 125, 1861-1864.	3.5	36
7	An Experimental Design for Simultaneous Determination of Carbendazim and Fenamiphos by Electrochemical Method. Electroanalysis, 2016, 28, 817-822.	2.9	36
8	A comparison study of cleanup techniques for oil spill treatment using magnetic nanomaterials. Journal of Environmental Management, 2019, 242, 362-371.	7.8	35
9	Effect of pre-treatment and supporting media on Ni(II), Cu(II), Al(III) and Fe(III) sorption by plant root material. Chemosphere, 2007, 68, 537-545.	8.2	29
10	Agricultural solid waste for sorption of metal ions: part Iâ€"characterization and use of lettuce roots and sugarcane bagasse for Cu(II), Fe(II), Zn(II), and Mn(II) sorption from aqueous medium. Environmental Science and Pollution Research, 2018, 25, 35895-35905.	5.3	28
11	Hexavalent chromium removal from water: adsorption properties of in natura and magnetic nanomodified sugarcane bagasse. Environmental Science and Pollution Research, 2021, 28, 24816-24829.	5.3	25
12	Reuse of water from real reactive monochromic and trichromic wastewater for new cotton dyes after efficient treatment using H2O2 catalyzed by UV light. Journal of Environmental Chemical Engineering, 2021, 9, 105731.	6.7	21
13	Low-cost agroindustrial biomasses and ferromagnetic bionanocomposites to cleanup textile effluents. , 0, 112, 80-89.		21
14	Agricultural solid waste for sorption of metal ions, part II: competitive assessment in multielemental solution and lake water. Environmental Science and Pollution Research, 2018, 25, 35906-35914.	5.3	17
15	Synthesis, characterization, and application of yeast-based magnetic bionanocomposite for the removal of Cu(II) from water. Chemical Engineering Communications, 2019, 206, 1570-1580.	2.6	17
16	The Evaluation of Bioremediation Potential of a Yeast Collection Isolated from Composting. Advances in Microbiology, 2014, 04, 796-807.	0.6	17
17	Effect of root age on the allocation of metals, amino acids and sugars in different cell fractions of the perennial grass Paspalum notatum (bahiagrass). Plant Physiology and Biochemistry, 2011, 49, 1442-1447.	5.8	16
18	Destination of Vinasse, aÂResidue From Alcohol Industry. , 2016, , 21-43.		16

#	Article	IF	Citations
19	Environmentally friendly synthesis of Fe2O3@SiO2 nanocomposite: characterization and application as an adsorbent to aniline removal from aqueous solution. Environmental Science and Pollution Research, 2020, 27, 9181-9191.	5.3	16
20	Solvent-free solketal production from glycerol promoted by yeast activated carbons. Fuel, 2021, 299, 120923.	6.4	16
21	Nanomodified sugarcane bagasse biosorbent: synthesis, characterization, and application for Cu(II) removal from aqueous medium. Environmental Science and Pollution Research, 2021, 28, 24744-24755.	5.3	15
22	Activated carbon production from industrial yeast residue to boost up circular bioeconomy. Environmental Science and Pollution Research, 2021, 28, 24694-24705.	5.3	15
23	Sequential Injection Analysis (SIA) for Arsenic Speciation by Capillary Electrophoresis Hyphenated to Inductively Coupled Plasma Sector Field Mass Spectrometry (CEâ€“ICPâ€“SFMS). Spectroscopy Letters, 2009, 42, 376-382.	1.0	13
24	Biosorption of 17Î±-ethinylestradiol by yeast biomass from ethanol industry in the presence of estrone. Environmental Science and Pollution Research, 2019, 26, 28419-28428.	5.3	12
25	Stability of Polymeric Membranes to UV Exposure before and after Coating with TiO2 Nanoparticles. Polymers, 2022, 14, 124.	4.5	11
26	Microwave Single Vessel Acid-Vapor Extraction: Effect of Experimental Parameters on Co and Fe Determination in Biological Samples. Mikrochimica Acta, 2004, 144, 81-85.	5.0	10
27	Highâ€Throughput Microwaveâ€Assisted Digestion and Extraction Procedures for Agricultural Materials. Communications in Soil Science and Plant Analysis, 2007, 38, 2333-2345.	1.4	10
28	Metals uptake by live yeast and heat-modified yeast residue. Revista Ambiente & Ãgua, 2015, 10, .	0.3	10
29	Individual and competitive adsorption of ibuprofen and caffeine from primary sewage effluent by yeast-based activated carbon and magnetic carbon nanocomposite. Sustainable Chemistry and Pharmacy, 2022, 28, 100703.	3.3	9
30	Nickel sorption capacity of ground xylem of Quercus ilex trees and effects of selected ligands present in the xylem sap. Journal of Plant Physiology, 2009, 166, 270-277.	3.5	8
31	Removal of the pesticide thiamethoxam from sugarcane juice by magnetic nanomodified activated carbon. Environmental Science and Pollution Research, 2022, 29, 79855-79865.	5.3	8
32	Magnetic nanomodified activated carbon: characterization and use for organic acids sorption in aqueous medium. Chemical Engineering Communications, 2021, 208, 1450-1463.	2.6	6
33	Textile effluent treatment employing yeast biomass and a new nanomagnetic biocomposite. Environmental Science and Pollution Research, 2021, 28, 27318-27332.	5.3	6
34	Pharmaceutical market, environmental public policies and water quality: the case of the SÃ£o Paulo Metropolitan Region, Brazil. Cadernos De Saude Publica, 2020, 36, e00192319.	1.0	6
35	Removal of sulfonated azo reactive red 198 from water by CeO2 nanoparticles. Environmental Nanotechnology, Monitoring and Management, 2020, 14, 100384.	2.9	4
36	Spatio-temporal changes in water quality in the Guarapiranga reservoir (SÃ£o Paulo, Brazil): insights from a long-term monitoring data series. Environmental Monitoring and Assessment, 2021, 193, 380.	2.7	4

#	Article	IF	Citations
37	Removal of Cr(VI) from water by in natura and magnetic nanomodified hydroponic lettuce roots. Environmental Science and Pollution Research, 2023, 30, 8822-8834.	5.3	1