

Janaina Goncalves

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

882
citations

566801

15
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of FD&C Red No. 40 by chitosan: Isotherms analysis. Journal of Food Engineering, 2009, 95, 16-20.	2.7	105
2	Development of chitosan based hybrid hydrogels for dyes removal from aqueous binary system. Journal of Molecular Liquids, 2017, 225, 265-270.	2.3	100
3	Removal of fluoride from fertilizer industry effluent using carbon nanotubes stabilized in chitosan sponge. Journal of Hazardous Materials, 2020, 388, 122042.	6.5	74
4	Single and competitive dye adsorption onto chitosan-based hybrid hydrogels using artificial neural network modeling. Journal of Colloid and Interface Science, 2020, 560, 722-729.	5.0	73
5	Remoção dos corantes azul brilhante, amarelo crepúsculo e amarelo tartrazina de soluções aquosas utilizando carvão ativado, terra ativada, terra diatomácea, quitina e quitosana: estudos de equilíbrio e termodinâmica. Química Nova, 2011, 34, 1193-1199.	0.3	71
6	Synthesis of a bio-based polyurethane/chitosan composite foam using ricinoleic acid for the adsorption of Food Red 17 dye. International Journal of Biological Macromolecules, 2019, 121, 373-380.	3.6	68
7	Adsorption of phenol onto chitosan hydrogel scaffold modified with carbon nanotubes. Journal of Environmental Chemical Engineering, 2019, 7, 103460.	3.3	64
8	Chitosan hydrogel scaffold modified with carbon nanotubes and its application for food dyes removal in single and binary aqueous systems. International Journal of Biological Macromolecules, 2020, 142, 85-93.	3.6	41
9	Separation of anthocyanins extracted from red cabbage by adsorption onto chitosan films. International Journal of Biological Macromolecules, 2019, 131, 905-911.	3.6	38
10	Biosorption of phenol onto bionanoparticles from Spirulina sp. LEB 18. Journal of Colloid and Interface Science, 2013, 407, 450-456.	5.0	36
11	Cyanoguanidine-crosslinked chitosan to adsorption of food dyes in the aqueous binary system. Journal of Molecular Liquids, 2015, 211, 425-430.	2.3	29
12	Chitin-psyllium based aerogel for the efficient removal of crystal violet from aqueous solutions. International Journal of Biological Macromolecules, 2021, 179, 366-376.	3.6	28
13	Equilibrium modeling of single and binary adsorption of Food Yellow 4 and Food Blue 2 on modified chitosan using a statistical physics theory: new microscopic interpretations. Journal of Molecular Liquids, 2016, 222, 151-158.	2.3	27
14	Single and Binary Adsorption of Food Dyes on Chitosan/Activated Carbon Hydrogels. Chemical Engineering and Technology, 2019, 42, 454-464.	0.9	25
15	Use of Chitosan with Different Deacetylation Degrees for the Adsorption of Food Dyes in a Binary System. Clean - Soil, Air, Water, 2014, 42, 767-774.	0.7	21
16	Solid wastes from the enzyme production as a potential biosorbent to treat colored effluents containing crystal violet dye. Environmental Science and Pollution Research, 2020, 27, 10484-10494.	2.7	15
17	Soil contamination in Colombian playgrounds: effects of vehicles, construction, and traffic. Environmental Science and Pollution Research, 2021, 28, 166-176.	2.7	14
18	Identification of hazardous nanoparticles present in the Caribbean Sea for the allocation of future preservation projects. Marine Pollution Bulletin, 2021, 168, 112425.	2.3	13

#	ARTICLE	IF	CITATIONS
19	Thermodynamic analysis of single and binary adsorption of Food Yellow 4 and Food Blue 2 on CC-chitosan: Application of statistical physics and IAST models. <i>Journal of Molecular Liquids</i> , 2017, 232, 499-505.	2.3	10
20	Development of a biosponge based on <i>Luffa cylindrica</i> and crosslinked chitosan for Allura red AC adsorption. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 1117-1122.	3.6	8
21	Identification of mercury and nanoparticles in roots with different oxidation states of an abandoned coal mine. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24380-24386.	2.7	6
22	Adsorption Kinetics of Dyes in Single and Binary Systems Using Cyanoguanidine-Crosslinked Chitosan of Different Deacetylation Degrees. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2401-2409.	2.4	5
23	Recovery of Degraded Areas through Technosols and Mineral Nanoparticles: A Review. <i>Sustainability</i> , 2022, 14, 993.	1.6	4
24	Chitosan-Based Hydrogels. <i>Sustainable Agriculture Reviews</i> , 2019, , 147-173.	0.6	3
25	Chitosan-Coated Glass Beads in a Fluidized Bed for Use in Fixed-Bed Dye Adsorption. <i>Chemical Engineering and Technology</i> , 2021, 44, 631-638.	0.9	2
26	The role of roots plants and soil characteristics in coal mining areas: Geochemical and nanomineralogy information still without details. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106539.	3.3	2