

# Janaina Goncalves

## List of Publications by Year in descending order

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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	Recovery of Degraded Areas through Technosols and Mineral Nanoparticles: A Review. Sustainability, 2022, 14, 993.	1.6	4
2	Soil contamination in Colombian playgrounds: effects of vehicles, construction, and traffic. Environmental Science and Pollution Research, 2021, 28, 166-176.	2.7	14
3	Chitosan-Coated Glass Beads in a Fluidized Bed for Use in Fixed-Bed Dye Adsorption. Chemical Engineering and Technology, 2021, 44, 631-638.	0.9	2
4	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
5	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
6	The role of roots plants and soil characteristics in coal mining areas: Geochemical and nanomineralogy information still without details. Journal of Environmental Chemical Engineering, 2021, 9, 106539.	3.3	2
7	Development of a biosponge based on Luffa cylindrica and crosslinked chitosan for Allura red AC adsorption. International Journal of Biological Macromolecules, 2021, 192, 1117-1122.	3.6	8
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	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
10	Removal of fluoride from fertilizer industry effluent using carbon nanotubes stabilized in chitosan sponge. Journal of Hazardous Materials, 2020, 388, 122042.	6.5	74
11	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
12	Identification of mercury and nanoparticles in roots with different oxidation states of an abandoned coal mine. Environmental Science and Pollution Research, 2020, 27, 24380-24386.	2.7	6
13	Single and Binary Adsorption of Food Dyes on Chitosan/Activated Carbon Hydrogels. Chemical Engineering and Technology, 2019, 42, 454-464.	0.9	25
14	Adsorption of phenol onto chitosan hydrogel scaffold modified with carbon nanotubes. Journal of Environmental Chemical Engineering, 2019, 7, 103460.	3.3	64
15	Chitosan-Based Hydrogels. Sustainable Agriculture Reviews, 2019, , 147-173.	0.6	3
16	Separation of anthocyanins extracted from red cabbage by adsorption onto chitosan films. International Journal of Biological Macromolecules, 2019, 131, 905-911.	3.6	38
17	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
18	Adsorption Kinetics of Dyes in Single and Binary Systems Using Cyanoguanidine-Crosslinked Chitosan of Different Deacetylation Degrees. Journal of Polymers and the Environment, 2018, 26, 2401-2409.	2.4	5

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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 chitosan based hybrid hydrogels for dyes removal from aqueous binary system. <i>Journal of Molecular Liquids</i> , 2017, 225, 265-270.	2.3	100
21	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. <i>Journal of Molecular Liquids</i> , 2016, 222, 151-158.	2.3	27
22	Cyanoguanidine-crosslinked chitosan to adsorption of food dyes in the aqueous binary system. <i>Journal of Molecular Liquids</i> , 2015, 211, 425-430.	2.3	29
23	Use of Chitosan with Different Deacetylation Degrees for the Adsorption of Food Dyes in a Binary System. <i>Clean - Soil, Air, Water</i> , 2014, 42, 767-774.	0.7	21
24	Biosorption of phenol onto bionanoparticles from <i>Spirulina</i> sp. LEB 18. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 450-456.	5.0	36
25	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. <i>Química Nova</i> , 2011, 34, 1193-1199.	0.3	71
26	Adsorption of FD&C Red No. 40 by chitosan: Isotherms analysis. <i>Journal of Food Engineering</i> , 2009, 95, 16-20.	2.7	105