

Jeferson Steffanello Piccin

List of Publications by Year in descending order

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33
papers

1,305
citations

516561

16
h-index

477173

29
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34
all docs

34
docs citations

34
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of glutaraldehyde-modified silica/chitosan composites for the removal of water-soluble diclofenac sodium. <i>Carbohydrate Polymers</i> , 2022, 277, 118868.	5.1	26
2	Graywater treatment of emerging pollutant linear alkylbenzene sulfonate by adsorption with leather shave waste activated carbon. <i>Environmental Science and Pollution Research</i> , 2022, 29, 79830-79840.	2.7	4
3	Synthesis, characterization and application of new adsorbent composites based on sol-gel/chitosan for the removal of soluble substance in water. <i>Heliyon</i> , 2022, 8, e09444.	1.4	1
4	Síntese de composto a base de quitosana e sílica para adsorção de corante têxtil. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2021, 12, 408-420.	0.0	0
5	Adsorption of diclofenac sodium by composite beads prepared from tannery wastes-derived gelatin and carbon nanotubes. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105030.	3.3	65
6	Production and environmental applications of gelatin-based composite adsorbents for contaminants removal: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2465-2486.	8.3	39
7	Synergistic effect of the activated carbon addition from leather wastes in chitosan/alginate-based composites. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48666-48680.	2.7	5
8	Emerging contaminants adsorption by beads from chromium (III) tanned leather waste recovered gelatin. <i>Journal of Molecular Liquids</i> , 2021, 330, 115638.	2.3	20
9	Challenges and perspectives of the β -galactosidase enzyme. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5281-5298.	1.7	18
10	Co-immobilization of amylases in porous crosslinked gelatin matrices by different reticulations approaches. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1002-1009.	3.6	6
11	Synthesis, characterization, and application of <i>Saccharomyces cerevisiae</i> /alginate composites beads for adsorption of heavy metals. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104009.	3.3	47
12	Alternative techniques for caffeine removal from wastewater: An overview of opportunities and challenges. <i>Journal of Water Process Engineering</i> , 2020, 35, 101231.	2.6	79
13	Water hyacinth (<i>Eichhornia crassipes</i>) roots, an amazon natural waste, as an alternative biosorbent to uptake a reactive textile dye from aqueous solutions. <i>Ecological Engineering</i> , 2020, 150, 105817.	1.6	50
14	Application of <i>Beauveria bassiana</i> spore waste as adsorbent to uptake acid red 97 dye from aqueous medium. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36967-36977.	2.7	7
15	Adsorption study with NaOH chemically treated soybean hull for textile dye removal. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2019, 10, 161-168.	0.0	4
16	Influência da temperatura de secagem de jambo vermelho (<i>Syzygium malaccense</i>) em camada de espuma. <i>Research, Society and Development</i> , 2019, 9, e40932382.	0.0	6
17	Multilayer Adsorption of Purple NR5 Industrial Dye by <i>Aristeus antennatus</i> Shell in Aqueous Solution. <i>Key Engineering Materials</i> , 2018, 762, 109-114.	0.4	3
18	Chromium (VI) biosorption by <i>Saccharomyces cerevisiae</i> subjected to chemical and thermal treatments. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19179-19186.	2.7	55

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19	Mass transfer models for the adsorption of Acid Red 357 and Acid Black 210 by tannery solid wastes. <i>Adsorption Science and Technology</i> , 2017, 35, 300-316.	1.5	10
20	Adsorption Isotherms in Liquid Phase: Experimental, Modeling, and Interpretations. , 2017, , 19-51.		78
21	Color removal from real leather dyeing effluent using tannery waste as an adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1061-1067.	3.3	72
22	Optimizing adsorption parameters in tannery-dye-containing effluent treatment with leather shaving waste. <i>Chemical Engineering Research and Design</i> , 2016, 99, 98-106.	2.7	59
23	Interpretations about methylene blue adsorption by surface modified chitin using the statistical physics treatment. <i>Adsorption</i> , 2015, 21, 557-564.	1.4	30
24	Dye Adsorption by Leather Waste: Mechanism Diffusion, Nature Studies, and Thermodynamic Data. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 873-882.	1.0	50
25	Biossorção passiva de cromo (VI) através da microalga <i>Spirulina platensis</i> . <i>Quimica Nova</i> , 2013, 36, 1139-1145.	0.3	8
26	Kinetics and isotherms of leather dye adsorption by tannery solid waste. <i>Chemical Engineering Journal</i> , 2012, 183, 30-38.	6.6	154
27	Adsorption isotherms and thermochemical data of FD&C Red nº 40 binding by Chitosan. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 295-304.	0.7	204
28	Kinetics and Mechanism of the Food Dye FD&C Red 40 Adsorption onto Chitosan. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3759-3765.	1.0	72
29	Critical velocity, anaerobic distance capacity, maximal instantaneous velocity and aerobic inertia in sprint and endurance young swimmers. <i>European Journal of Applied Physiology</i> , 2010, 110, 121-131.	1.2	21
30	Otimização de sistema de autoaspiração de ar tipo Venturi para tratamento de água ferruginosa. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010, 14, 531-537.	0.4	1
31	Adsorption of FD&C Red No. 40 by chitosan: Isotherms analysis. <i>Journal of Food Engineering</i> , 2009, 95, 16-20.	2.7	105
32	Electrocoagulation coupled adsorption for anaerobic wastewater post-treatment and reuse purposes. , 0, 160, 144-152.		4
33	Sequential process of electro-Fenton and adsorption for the treatment of gemstones dyeing wastewater. , 0, 194, 235-247.		2