

Jeferson Steffanello Piccin

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,305
citations

516561

16
h-index

477173

29
g-index

34
all docs

34
docs citations

34
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption isotherms and thermochemical data of FD&C Red n° 40 binding by Chitosan. Brazilian Journal of Chemical Engineering, 2011, 28, 295-304.	0.7	204
2	Kinetics and isotherms of leather dye adsorption by tannery solid waste. Chemical Engineering Journal, 2012, 183, 30-38.	6.6	154
3	Adsorption of FD&C Red No. 40 by chitosan: Isotherms analysis. Journal of Food Engineering, 2009, 95, 16-20.	2.7	105
4	Alternative techniques for caffeine removal from wastewater: An overview of opportunities and challenges. Journal of Water Process Engineering, 2020, 35, 101231.	2.6	79
5	Adsorption Isotherms in Liquid Phase: Experimental, Modeling, and Interpretations. , 2017, , 19-51.		78
6	Kinetics and Mechanism of the Food Dye FD&C Red 40 Adsorption onto Chitosan. Journal of Chemical & Engineering Data, 2011, 56, 3759-3765.	1.0	72
7	Color removal from real leather dyeing effluent using tannery waste as an adsorbent. Journal of Environmental Chemical Engineering, 2016, 4, 1061-1067.	3.3	72
8	Adsorption of diclofenac sodium by composite beads prepared from tannery wastes-derived gelatin and carbon nanotubes. Journal of Environmental Chemical Engineering, 2021, 9, 105030.	3.3	65
9	Optimizing adsorption parameters in tannery-dye-containing effluent treatment with leather shaving waste. Chemical Engineering Research and Design, 2016, 99, 98-106.	2.7	59
10	Chromium (VI) biosorption by Saccharomyces cerevisiae subjected to chemical and thermal treatments. Environmental Science and Pollution Research, 2018, 25, 19179-19186.	2.7	55
11	Dye Adsorption by Leather Waste: Mechanism Diffusion, Nature Studies, and Thermodynamic Data. Journal of Chemical & Engineering Data, 2013, 58, 873-882.	1.0	50
12	Water hyacinth (Eichhornia crassipes) roots, an amazon natural waste, as an alternative biosorbent to uptake a reactive textile dye from aqueous solutions. Ecological Engineering, 2020, 150, 105817.	1.6	50
13	Synthesis, characterization, and application of Saccharomyces cerevisiae/alginate composites beads for adsorption of heavy metals. Journal of Environmental Chemical Engineering, 2020, 8, 104009.	3.3	47
14	Production and environmental applications of gelatin-based composite adsorbents for contaminants removal: a review. Environmental Chemistry Letters, 2021, 19, 2465-2486.	8.3	39
15	Interpretations about methylene blue adsorption by surface modified chitin using the statistical physics treatment. Adsorption, 2015, 21, 557-564.	1.4	30
16	Synthesis of glutaraldehyde-modified silica/chitosan composites for the removal of water-soluble diclofenac sodium. Carbohydrate Polymers, 2022, 277, 118868.	5.1	26
17	Critical velocity, anaerobic distance capacity, maximal instantaneous velocity and aerobic inertia in sprint and endurance young swimmers. European Journal of Applied Physiology, 2010, 110, 121-131.	1.2	21
18	Emerging contaminants adsorption by beads from chromium (III) tanned leather waste recovered gelatin. Journal of Molecular Liquids, 2021, 330, 115638.	2.3	20

#	ARTICLE	IF	CITATIONS
19	Challenges and perspectives of the Î ² -galactosidase enzyme. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5281-5298.	1.7	18
20	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
21	BiossorÃ§Ã£o passiva de cromo (VI) atravÃ©s da microalga <i>Spirulina platensis</i> . <i>Quimica Nova</i> , 2013, 36, 1139-1145.	0.3	8
22	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
23	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
24	InfluÃªncia 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
25	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
26	Electrocoagulation coupled adsorption for anaerobic wastewater post-treatment and reuse purposes. , 0, 160, 144-152.		4
27	Adsorption study with NaOH chemically treated soybean hull for textile dye removal. <i>Revista Ibero-americana De CiÃªncias Ambientais</i> , 2019, 10, 161-168.	0.0	4
28	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
29	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
30	Sequential process of electroÃ“Fenton and adsorption for the treatment of gemstones dyeing wastewater. , 0, 194, 235-247.		2
31	OtimizaÃ§Ã£o de sistema de autoaspiraÃ§Ã£o de ar tipo Venturi para tratamento de Ã¡gua ferruginosa. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010, 14, 531-537.	0.4	1
32	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
33	SÃ¢ntese de compÃ³sito a base de quitosana e sÃ¢lica para adsorÃ§Ã£o de corante tÃªxtil. <i>Revista Ibero-americana De CiÃªncias Ambientais</i> , 2021, 12, 408-420.	0.0	0