

Jordana Georgin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

865
citations

18
h-index

28
g-index

88
ext. papers

1,444
ext. citations

5.8
avg. IF

5
L-index

#	Paper	IF	Citations
65	Effective removal of non-steroidal anti-inflammatory drug from wastewater by adsorption process using acid-treated Fagopyrum esculentum husk.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
64	Application of biowaste generated by the production chain of pitaya fruit (Hylocereus undatus) as an efficient adsorbent for removal of naproxen in water.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	
63	Application of arafruit husks (Psidium cattleianum) in the preparation of activated carbon with FeCl ₃ for atrazine herbicide adsorption. <i>Chemical Engineering Research and Design</i> , 2022 , 180, 67-67	5.5	1
62	Applicability of amethyst mining rejects as a novel photo-fenton catalyst for the abatement of an emerging pollutant in water. <i>Applied Geochemistry</i> , 2022 , 136, 105136	3.5	2
61	Residual peel of pitaya fruit (Hylocereus undatus) as a precursor to obtaining an efficient carbon-based adsorbent for the removal of metanil yellow dye from water. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107006	6.8	0
60	Investigation of biochar from Cedrella fissilis applied to the adsorption of atrazine herbicide from an aqueous medium. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107408	6.8	3
59	Preparation of activated carbons from fruit residues for the removal of naproxen (NPX): Analytical interpretation via statistical physical model. <i>Journal of Molecular Liquids</i> , 2022 , 356, 119021	6	0
58	A review of the toxicology presence and removal of ketoprofen through adsorption technology. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107798	6.8	1
57	Pore volume and surface diffusion model (PVSDM) applied for single and binary dye adsorption systems. <i>Chemical Engineering Research and Design</i> , 2022 , 182, 645-658	5.5	0
56	Enhanced adsorption of ketoprofen and 2,4-dichlorophenoxyacetic acid on Physalis peruviana fruit residue functionalized with H ₂ SO ₄ : Adsorption properties and statistical physics modeling. <i>Chemical Engineering Journal</i> , 2022 , 445, 136773	14.7	0
55	Efficient removal of naproxen from aqueous solution by highly porous activated carbon produced from Grapetree (Plinia cauliflora) fruit peels. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106820	6.8	2
54	One step acid modification of the residual bark from using HSO and application in the removal of 2,4-dichlorophenoxyacetic from aqueous solution. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021 , 1-12	2.2	
53	A study of single and quaternary adsorption of Cu ²⁺ , Co ²⁺ , Ni ²⁺ and Ag ⁺ on sludge modified by alkaline fusion. <i>Chemical Engineering Journal</i> , 2021 , 133674	14.7	0
52	Adsorption of atrazine and 2,4-D pesticides on alternative biochars from cedar bark sawdust (Cedrella fissilis). <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
51	Development of activated carbon from Schizolobium parahyba (guapuruvu) residues employed for the removal of ketoprofen. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
50	Adsorption of atrazine herbicide from water by diospyros kaki fruit waste activated carbon. <i>Journal of Molecular Liquids</i> , 2021 , 347, 117990	6	3
49	Transforming agricultural waste into adsorbent: application of Fagopyrum esculentum wheat husks treated with H ₂ SO ₄ to adsorption of the 2,4-D herbicide. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106872	6.8	0

48	Preparation of activated carbon from the residues of the mushroom (<i>Agaricus bisporus</i>) production chain for the adsorption of the 2,4-dichlorophenoxyacetic herbicide. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106843	6.8	4
47	Woody residues of the grape production chain as an alternative precursor of high porous activated carbon with remarkable performance for naproxen uptake from water. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
46	Conversion of the forest species <i>Inga marginata</i> and <i>Tipuana tipu</i> wastes into biosorbents: Dye biosorption study from isotherm to mass transfer. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101521	7	3
45	Application of <i>Cordia trichotoma</i> sawdust as an effective biosorbent for removal of crystal violet from aqueous solution in batch system and fixed-bed column. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 6771-6783	5.1	7
44	Transforming pods of the species <i>Capparis flexuosa</i> into effective biosorbent to remove blue methylene and bright blue in discontinuous and continuous systems. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 8036-8049	5.1	1
43	Successful adsorption of bright blue and methylene blue on modified pods of <i>Caesalpinia echinata</i> in discontinuous system. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 8407-8420	5.1	4
42	High-performance removal of 2,4-dichlorophenoxyacetic acid herbicide in water using activated carbon derived from Queen palm fruit endocarp (<i>Syagrus romanzoffiana</i>). <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104911	6.8	28
41	Transforming shrub waste into a high-efficiency adsorbent: Application of <i>Physalis peruviana</i> chalice treated with strong acid to remove the 2,4-dichlorophenoxyacetic acid herbicide. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104574	6.8	22
40	Macro-fungal (<i>Agaricus bisporus</i>) wastes as an adsorbent in the removal of the acid red 97 and crystal violet dyes from ideal colored effluents. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 405-415	5.1	13
39	Application of seed residues from <i>Anadenanthera macrocarpa</i> and <i>Cedrela fissilis</i> as alternative adsorbents for remarkable removal of methylene blue dye in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 2342-2354	5.1	7
38	Effective adsorptive removal of textile pollutant using coal bottom ash with high surface area obtained by alkaline fusion route. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-12	2.6	1
37	Adsorption investigation of 2,4-D herbicide on acid-treated peanut (<i>Arachis hypogaea</i>) skins. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 36453-36463	5.1	5
36	Optimization of ketoprofen adsorption from aqueous solutions and simulated effluents using HSO activated <i>Campomanesia guazumifolia</i> bark. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	2
35	Effective adsorptive removal of atrazine herbicide in river waters by a novel hydrochar derived from <i>Prunus serrulata</i> bark. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	3
34	Development of highly porous activated carbon from <i>Jacaranda mimosifolia</i> seed pods for remarkable removal of aqueous-phase ketoprofen. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105676	6.8	20
33	Adsorption of ketoprofen and paracetamol and treatment of a synthetic mixture by novel porous carbon derived from <i>Butia capitata</i> endocarp. <i>Journal of Molecular Liquids</i> , 2021 , 339, 117184	6	16
32	Highly effective adsorption of synthetic phenol effluent by a novel activated carbon prepared from fruit wastes of the <i>Ceiba speciosa</i> forest species. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105927	6.8	16
31	Adsorption and mass transfer studies of methylene blue onto comminuted seedpods from <i>Luehea divaricata</i> and <i>Inga laurina</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 28, 20854-20868	5.1	2

30	A mass transfer study considering intraparticle diffusion and axial dispersion for fixed-bed adsorption of crystal violet on pecan pericarp (<i>Carya illinoensis</i>). <i>Chemical Engineering Journal</i> , 2020 , 397, 125423	14.7	27
29	Utilization of Pacara Earpod tree (<i>Enterolobium contortisilquum</i>) and Ironwood (<i>Caesalpinia leiostachya</i>) seeds as low-cost biosorbents for removal of basic fuchsin. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 33307-33320	5.1	19
28	Adsorption of hazardous dyes on functionalized multiwalled carbon nanotubes in single and binary systems: Experimental study and physicochemical interpretation of the adsorption mechanism. <i>Chemical Engineering Journal</i> , 2020 , 389, 124467	14.7	67
27	Araticum (<i>Annona crassiflora</i>) seed powder (ASP) for the treatment of colored effluents by biosorption. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 11184-11194	5.1	20
26	Powdered biosorbent from the mandacaru cactus (<i>cereus jamacaru</i>) for discontinuous and continuous removal of Basic Fuchsin from aqueous solutions. <i>Powder Technology</i> , 2020 , 364, 584-592	5.2	26
25	Solid wastes from the enzyme production as a potential biosorbent to treat colored effluents containing crystal violet dye. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 10484-10494	5.1	6
24	Evaluation of <i>Ocotea puberula</i> bark powder (OPBP) as an effective adsorbent to uptake crystal violet from colored effluents: alternative kinetic approaches. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 25727-25739	5.1	14
23	Treatment of water containing methylene by biosorption using Brazilian berry seeds (<i>Eugenia uniflora</i>). <i>Environmental Science and Pollution Research</i> , 2020 , 27, 20831-20843	5.1	17
22	Insights of the adsorption mechanism of methylene blue on brazilian berries seeds: Experiments, phenomenological modelling and DFT calculations. <i>Chemical Engineering Journal</i> , 2020 , 394, 125011	14.7	33
21	Powdered biosorbent from pecan pericarp (<i>Carya illinoensis</i>) as an efficient material to uptake methyl violet 2B from effluents in batch and column operations. <i>Advanced Powder Technology</i> , 2020 , 31, 2843-2852	4.6	23
20	Water treatment plant sludge as iron source to catalyze a heterogeneous photo-Fenton reaction. <i>Environmental Technology and Innovation</i> , 2020 , 17, 100544	7	14
19	Preparation and characterization of a novel mountain soursop seeds powder adsorbent and its application for the removal of crystal violet and methylene blue from aqueous solutions. <i>Chemical Engineering Journal</i> , 2020 , 391, 123617	14.7	32
18	Application of fly ash modified by alkaline fusion as an effective adsorbent to remove methyl violet 10B in water. <i>Chemical Engineering Communications</i> , 2020 , 1-19	2.2	1
17	Paddle cactus (<i>Tacinga palmadora</i>) as potential low-cost adsorbent to treat textile effluents containing crystal violet. <i>Chemical Engineering Communications</i> , 2020 , 207, 1368-1379	2.2	10
16	Adsorptive decontamination of wastewater containing methylene blue dye using golden trumpet tree bark (<i>Handroanthus albus</i>). <i>Environmental Science and Pollution Research</i> , 2019 , 26, 31924-31933	5.1	17
15	Potential of <i>Cedrella fissilis</i> bark as an adsorbent for the removal of red 97 dye from aqueous effluents. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 19207-19219	5.1	30
14	Biosorption of crystal violet dye using inactive biomass of the fungus <i>Diaporthe schini</i> . <i>Water Science and Technology</i> , 2019 , 79, 709-717	2.2	15
13	Residual biomass of <i>Nigrospora</i> sp. from process of the microbial oil extraction for the biosorption of procion red H&E7B dye. <i>Journal of Water Process Engineering</i> , 2019 , 31, 100818	6.7	5

12	Adsorption of crystal violet on biomasses from pecan nutshell, para chestnut husk, araucaria bark and palm cactus: Experimental study and theoretical modeling via monolayer and double layer statistical physics models. <i>Chemical Engineering Journal</i> , 2019 , 378, 122101	14.7	78
11	Potentiality of the Phoma sp. inactive fungal biomass, a waste from the bioherbicide production, for the treatment of colored effluents. <i>Chemosphere</i> , 2019 , 235, 596-605	8.4	18
10	Preparaço, caracterizaço e avaliaço cataltica do compsito Fe ₂ O ₃ /grafite em reaço foto-Fenton. <i>Revista Materia</i> , 2019 , 24,	0.8	1
9	Applicability of Coal Bottom Ash from Thermoelectric Power Plant as an Alternative Heterogeneous Catalyst in Photo-Fenton Reaction. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	8
8	Application of Beauveria bassiana spore waste as adsorbent to uptake acid red 97 dye from aqueous medium. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 36967-36977	5.1	7
7	Biosorption of cationic dyes by Parchestnut husk (<i>Bertholletia excelsa</i>). <i>Water Science and Technology</i> , 2018 , 77, 1612-1621	2.2	37
6	Removal of Procion Red dye from colored effluents using H ₂ O ₂ /HNO ₃ -treated avocado shells (<i>Persea americana</i>) as adsorbent. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 6429-6442	5.1	32
5	Potential of Araucaria angustifolia bark as adsorbent to remove Gentian Violet dye from aqueous effluents. <i>Water Science and Technology</i> , 2018 , 78, 1693-1703	2.2	26
4	Preparation of activated carbon from peanut shell by conventional pyrolysis and microwave irradiation-pyrolysis to remove organic dyes from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 266-275	6.8	108
3	Avaliaço dos Componentes de Rendimento do Trigo quando Submetido a Diferentes Fontes de Nitrognio. <i>Revista Eletrnica Em Gesto Educo E Tecnologia Ambiental</i> , 2016 , 20, 524		3
2	Avaliaço da qualidade da gua subterrnea: estudo de caso de Vilhena -RO. <i>Revista guas Subterrneas</i> , 2015 , 29, 213	1	3
1	Influncia do Teor de Umidade na Germinaço de Sementes de Parapiptadenia rigida (Benth.) Brenan. <i>Nativa</i> , 2014 , 2, 124-128	1.2	