

Jordana Georgin

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,098
citations

218592

26
h-index

254106

43
g-index

88
all docs

88
docs citations

88
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	158
2	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.	6.6	148
3	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.	6.6	125
4	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.	3.3	79
5	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.	2.3	73
6	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.	6.6	70
7	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.	6.6	60
8	Utilization of Pacara Earpod tree (<i>Enterolobium contortisilquum</i>) and Ironwood (<i>Caesalpinia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Pollution Research, 2020, 27, 33307-33320.	2.7	59
9	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.	3.3	56
10	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.	3.3	54
11	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.	6.6	52
12	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.	3.3	51
13	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.	2.7	50
14	Biosorption of cationic dyes by Parã chestnut husk (<i>Bertholletia excelsa</i>). <i>Water Science and Technology</i> , 2018, 77, 1612-1621.	1.2	48
15	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.	2.1	47
16	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.	3.3	47
17	Removal of Procion Red dye from colored effluents using H ₂ SO ₄ /HNO ₃ -treated avocado shells (<i>Persea americana</i>) as adsorbent. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6429-6442.	2.7	44
18	Potential of <i>Araucaria angustifolia</i> bark as adsorbent to remove Gentian Violet dye from aqueous effluents. <i>Water Science and Technology</i> , 2018, 78, 1693-1703.	1.2	43

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19	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.	2.0	40
20	Water treatment plant sludge as iron source to catalyze a heterogeneous photo-Fenton reaction. <i>Environmental Technology and Innovation</i> , 2020, 17, 100544.	3.0	38
21	Treatment of water containing methylene by biosorption using Brazilian berry seeds (<i>Eugenia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 100	2.7	38
22	Investigation of biochar from <i>Cedrella fissilis</i> applied to the adsorption of atrazine herbicide from an aqueous medium. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107408.	3.3	36
23	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.	2.7	34
24	A review of the toxicology presence and removal of ketoprofen through adsorption technology. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107798.	3.3	29
25	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.	2.7	28
26	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.	2.7	27
27	Adsorption of atrazine herbicide from water by diospyros kaki fruit waste activated carbon. <i>Journal of Molecular Liquids</i> , 2022, 347, 117990.	2.3	27
28	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.	1.2	26
29	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.	2.7	26
30	Advances made in removing paraquat herbicide by adsorption technology: A review. <i>Journal of Water Process Engineering</i> , 2022, 49, 102988.	2.6	26
31	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.	2.7	24
32	Application of araÃ§Ã¡ fruit husks (<i>Psidium cattleianum</i>) in the preparation of activated carbon with FeCl3 for atrazine herbicide adsorption. <i>Chemical Engineering Research and Design</i> , 2022, 180, 67-78.	2.7	24
33	Efficient removal of naproxen from aqueous solution by highly porous activated carbon produced from Grapetree (<i>Plinia cauliflora</i>) fruit peels. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106820.	3.3	24
34	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.	2.7	23
35	Potentiality of the <i>Phoma</i> sp. inactive fungal biomass, a waste from the bioherbicide production, for the treatment of colored effluents. <i>Chemosphere</i> , 2019, 235, 596-605.	4.2	22
36	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> , 2022, 29, 3672-3685.	2.7	22

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37	Transforming agricultural waste into adsorbent: application of <i>Fagopyrum esculentum</i> 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.	3.3	22
38	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.	2.3	22
39	Enhanced adsorption of ketoprofen and 2,4-dichlorophenoxyacetic acid on <i>Physalis peruviana</i> fruit residue functionalized with H ₂ SO ₄ : Adsorption properties and statistical physics modeling. <i>Chemical Engineering Journal</i> , 2022, 445, 136773.	6.6	22
40	An advanced combination of density functional theory simulations and statistical physics modeling in the unveiling and prediction of adsorption mechanisms of 2,4-D pesticide to activated carbon. <i>Journal of Molecular Liquids</i> , 2022, 361, 119639.	2.3	21
41	Residual peel of pitaya fruit (<i>Hylocereus undatus</i>) 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.	3.3	19
42	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.	1.5	16
43	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.	2.7	15
44	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.	2.7	14
45	An overview of forest residues as promising low-cost adsorbents. <i>Gondwana Research</i> , 2021, , .	3.0	14
46	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.	1.1	13
47	Conversion of <i>Erythrina speciosa</i> pods to porous adsorbent for Ibuprofen removal. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108070.	3.3	13
48	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.	2.7	12
49	Adsorption of atrazine and 2,4-D pesticides on alternative biochars from cedar bark sawdust (<i>Cedrella</i>) Tj ETQq1 1 0.784314 $\mu\text{g}/\text{mg}$ BT /OV 2.7 IF	2.7	11
50	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.	3.0	10
51	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.	2.7	8
52	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.	1.4	8
53	Residual biomass of <i>Nigrospora</i> sp. from process of the microbial oil extraction for the biosorption of procion red Hâ€™E7B dye. <i>Journal of Water Process Engineering</i> , 2019, 31, 100818.	2.6	7
54	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

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55	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> , 2022, 433, 133674.	6.6	7
56	Optimization of ketoprofen adsorption from aqueous solutions and simulated effluents using H ₂ SO ₄ activated <i>Campomanesia guazumifolia</i> bark. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2122-2135.	2.7	6
57	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.	2.7	5
58	Application of biowaste generated by the production chain of pitaya fruit (<i>Hylocereus undatus</i>) as an efficient adsorbent for removal of naproxen in water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 39754-39767.	2.7	5
59	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.	2.7	5
60	Application of fly ash modified by alkaline fusion as an effective adsorbent to remove methyl violet 10B in water. <i>Chemical Engineering Communications</i> , 2022, 209, 184-195.	1.5	4
61	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> , 2022, 43, 2418-2429.	1.2	4
62	Avaliação da qualidade da água subterrânea: estudo de caso de Vilhena - RO. <i>Revista Águas Subterrâneas</i> , 2015, 29, 213.	0.1	4
63	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> , 2022, 29, 16988-17000.	2.7	4
64	Avaliação dos Componentes de Rendimento do Trigo quando Submetido a Diferentes Fontes de Nitrogênio. <i>Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental</i> , 2016, 20, 524.	0.0	4
65	Effective removal of non-steroidal anti-inflammatory drug from wastewater by adsorption process using acid-treated <i>Fagopyrum esculentum</i> husk. <i>Environmental Science and Pollution Research</i> , 2022, 29, 31085-31098.	2.7	4
66	Development of activated carbon from <i>Schizolobium parahyba</i> (guapuruvu) residues employed for the removal of ketoprofen. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21860-21875.	2.7	3
67	Preparação, caracterização e avaliação catalítica do composto Fe ₂ O ₃ /grafite em reação foto-Fenton. <i>Revista Materia</i> , 2019, 24, .	0.1	2
68	INDUÍDO AO ENRAIZAMENTO DE ESTACAS DE TECA (TECTONA GRANDIS L.F). <i>Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental</i> , 2014, 18, .	0.0	2
69	A participação feminina na agricultura agroecológica: um estudo do caso na região norte do Rio Grande do Sul. <i>Revista Monografias Ambientais</i> , 2015, 14, 01-09.	0.1	2
70	One step acid modification of the residual bark from <i>Campomanesia guazumifolia</i> using H ₂ SO ₄ 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, 56, 995-1006.	0.7	2
71	PRÁTICAS DE CONSCIENTIZAÇÃO AMBIENTAL EM ESCOLAS PÚBLICAS DE RONDA ALTA/RS. <i>Revista Monografias Ambientais</i> , 2014, 13, .	0.1	1
72	PLANTIO DE PINUS ELLIOTTII EM PEQUENAS PROPRIEDADES RURAIS NO NORTE DO RIO GRANDE DO SUL. <i>Revista Monografias Ambientais</i> , 2014, 13, .	0.1	1

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73	ESTIMATIVA DO CONSUMO PER CAPITA DE ÁGUA TRATADA PARA USO DOMÉSTICO POR MEIO DE FERRAMENTAS ESTATÍSTICAS: ESTUDO DE CASO DA CIDADE DE ARIQUEMES-RO. , 2016, 64, 32-38.	0.2	1
74	ANÁLISE DO PROGRAMA DE QUALIFICAÇÃO PROFISSIONAL DE AGRICULTORES “EMATER, SOB A PERSPECTIVA MÍDIA. Revista Monografias Ambientais, 2014, 13, .	0.1	0
75	BRASIL: O ACESSO UNIVERSAL AO SANEAMENTO BÁSICO. Revista Monografias Ambientais, 2014, 13, .	0.1	0
76	ANÁLISE ESTRUTURAL E DISTRIBUIÇÕES DE FREQUÊNCIA EM UM FRAGMENTO FLORESTAL NO MUNICÍPIO DE FREDERICO WESTPHALEN “RS, BRASIL. Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, 2014, 18, .	0.0	0
77	A AGRICULTURA FAMILIAR NO CENÁRIO DA PRODUÇÃO DE FLORESTAS ENERGÉTICAS. Revista Monografias Ambientais, 2014, 13, .	0.1	0
78	Influência do Teor de Umidade na Germinação de Sementes de Parapiptadenia rigida (Benth.) Brenan. Nativa, 2014, 2, 124-128.	0.2	0
79	As modalidades mais frequentes de licenciamento realizadas em municípios da região norte do Rio Grande do Sul. Revista Monografias Ambientais, 2015, 14, 136-143.	0.1	0
80	Festas rurais: média, dimensão festiva e impacto social em duas pequenas comunidades do Rio Grande do Sul. Revista Monografias Ambientais, 2015, 14, 115-122.	0.1	0
81	ADSORÇÃO DE CORANTES TÍXTEIS UTILIZANDO A CASCA DA CASTANHA DO PARÁ, , , .		0
82	USO DE RESÍDUOS DA AGROINDÚSTRIA NA REMOÇÃO DO CORANTE VIOLETA CRISTAL. , , , .		0
83	Valorização dos resíduos do processamento da Nãz pecã (Carya illinoensis) como adsorvente dos corantes azul de metileno e violeta cristal. Engevista, 2017, 19, 1449.	0.1	0
84	ADSORÇÃO DE CORANTES TÍXTEIS UTILIZANDO A CASCA DA CASTANHA DO PARÁ, , , 9-15.		0
85	USO DE RESÍDUOS DA AGROINDÚSTRIA NA REMOÇÃO DO CORANTE VIOLETA. , , , 151-157.		0
86	Adsorption of the Paracetamol First-Line Covid Treatment Drug Onto Activated Carbon from Residual Pods of Erythrina Speciosa. SSRN Electronic Journal, , , .	0.4	0
87	O ATUAL CONTEXTO DA PRODUÇÃO DE TRIGO NO RIO GRANDE DO SUL. Revista Eletrônica Em Gestão Educação E Tecnologia Ambiental, , , 246-257.	0.0	0