

# Jordana Georgin

## List of Publications by Year in descending order

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Version: 2024-02-01

87

papers

2,098

citations

218662

26

h-index

254170

43

g-index

88

all docs

88

docs citations

88

times ranked

1137

citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	4
2	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.	2.2	4
3	Optimization of ketoprofen adsorption from aqueous solutions and simulated effluents using H <sub>2</sub> SO <sub>4</sub> activated <i>Campomanesia guazumifolia</i> bark. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2122-2135.	5.3	6
4	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.	5.3	22
5	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.	5.3	4
6	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.	3.0	8
7	A study of single and quaternary adsorption of Cu <sup>2+</sup> , Co <sup>2+</sup> , Ni <sup>2+</sup> and Ag <sup>+</sup> on sludge modified by alkaline fusion. <i>Chemical Engineering Journal</i> , 2022, 433, 133674.	12.7	7
8	Adsorption of atrazine and 2,4-D pesticides on alternative biochars from cedar bark sawdust ( <i>Cedrella</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.3	11
9	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.	5.3	3
10	Adsorption of atrazine herbicide from water by diospyros kaki fruit waste activated carbon. <i>Journal of Molecular Liquids</i> , 2022, 347, 117990.	4.9	27
11	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.	6.7	19
12	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.	5.3	4
13	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.	5.3	5
14	Application of araÃ§Ã¡ fruit husks ( <i>Psidium cattleianum</i> ) in the preparation of activated carbon with FeCl <sub>3</sub> for atrazine herbicide adsorption. <i>Chemical Engineering Research and Design</i> , 2022, 180, 67-78.	5.6	24
15	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.	6.7	36
16	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.	4.9	22
17	A review of the toxicology presence and removal of ketoprofen through adsorption technology. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107798.	6.7	29
18	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.	5.6	5

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19	Enhanced adsorption of ketoprofen and 2,4-dichlorophenoxyacetic acid on <i>Physalis peruviana</i> fruit residue functionalized with H <sub>2</sub> SO <sub>4</sub> : Adsorption properties and statistical physics modeling. <i>Chemical Engineering Journal</i> , 2022, 445, 136773.	12.7	22
20	Conversion of <i>Erythrina speciosa</i> pods to porous adsorbent for Ibuprofen removal. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108070.	6.7	13
21	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.	4.9	21
22	Advances made in removing paraquat herbicide by adsorption technology: A review. <i>Journal of Water Process Engineering</i> , 2022, 49, 102988.	5.6	26
23	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.	5.3	26
24	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.	5.3	5
25	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.	5.3	12
26	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.	6.7	79
27	Transforming shrub waste into a high-efficiency adsorbent: Application of <i>Physalis peruviana</i> calice treated with strong acid to remove the 2,4-dichlorophenoxyacetic acid herbicide. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104574.	6.7	56
28	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.	5.3	24
29	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.	5.3	23
30	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.	5.3	14
31	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.	6.1	10
32	An overview of forest residues as promising low-cost adsorbents. <i>Gondwana Research</i> , 2021, , .	6.0	14
33	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.	6.7	54
34	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.	4.9	73
35	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.	6.7	51
36	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.	5.3	8

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37	One step acid modification of the residual bark from <i>Campomanesia guazumifolia</i> using $H_2SO_4$ and application in the removal of 2,4-dichlorophenoxyacetic from aqueous solution. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 995-1006.	1.5	2
38	Transforming agricultural waste into adsorbent: application of <i>Fagopyrum esculentum</i> wheat husks treated with $H_2SO_4$ to adsorption of the 2,4-D herbicide. Journal of Environmental Chemical Engineering, 2021, 9, 106872.	6.7	22
39	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. Journal of Environmental Chemical Engineering, 2021, 9, 106843.	6.7	47
40	Efficient removal of naproxen from aqueous solution by highly porous activated carbon produced from Grapetree ( <i>Plinia cauliflora</i> ) fruit peels. Journal of Environmental Chemical Engineering, 2021, 9, 106820.	6.7	24
41	Paddle cactus ( <i>Tacinga palmadora</i> ) as potential low-cost adsorbent to treat textile effluents containing crystal violet. Chemical Engineering Communications, 2020, 207, 1368-1379.	2.6	16
42	Water treatment plant sludge as iron source to catalyze a heterogeneous photo-Fenton reaction. Environmental Technology and Innovation, 2020, 17, 100544.	6.1	38
43	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. Chemical Engineering Journal, 2020, 391, 123617.	12.7	70
44	A mass transfer study considering intraparticle diffusion and axial dispersion for fixed-bed adsorption of crystal violet on pecan pericarp ( <i>Carya illinoensis</i> ). Chemical Engineering Journal, 2020, 397, 125423.	12.7	52
45	Utilization of Pacara Earpod tree ( <i>Enterolobium contortisilquum</i> ) and Ironwood ( <i>Caesalpinia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1077 Pollution Research, 2020, 27, 33307-33320.	5.3	59
46	Adsorption of hazardous dyes on functionalized multiwalled carbon nanotubes in single and binary systems: Experimental study and physicochemical interpretation of the adsorption mechanism. Chemical Engineering Journal, 2020, 389, 124467.	12.7	125
47	Araticum ( <i>Annona crassiflora</i> ) seed powder (ASP) for the treatment of colored effluents by biosorption. Environmental Science and Pollution Research, 2020, 27, 11184-11194.	5.3	28
48	Powdered biosorbent from the mandacaru cactus ( <i>cereus jamacaru</i> ) for discontinuous and continuous removal of Basic Fuchsin from aqueous solutions. Powder Technology, 2020, 364, 584-592.	4.2	47
49	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.	5.3	15
50	Evaluation of <i>Ocotea puberula</i> bark powder (OPBP) as an effective adsorbent to uptake crystal violet from colored effluents: alternative kinetic approaches. Environmental Science and Pollution Research, 2020, 27, 25727-25739.	5.3	27
51	Treatment of water containing methylene by biosorption using Brazilian berry seeds ( <i>Eugenia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1077	5.3	38
52	Insights of the adsorption mechanism of methylene blue on brazilian berries seeds: Experiments, phenomenological modelling and DFT calculations. Chemical Engineering Journal, 2020, 394, 125011.	12.7	60
53	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. Advanced Powder Technology, 2020, 31, 2843-2852.	4.1	40
54	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. Chemical Engineering Journal, 2019, 378, 122101.	12.7	148

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55	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.	8.2	22
56	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.	5.3	34
57	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.	5.3	50
58	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.	2.5	26
59	Residual biomass of <i>Nigrospora</i> sp. from process of the microbial oil extraction for the biosorption of procion red H&E dye. <i>Journal of Water Process Engineering</i> , 2019, 31, 100818.	5.6	7
60	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.	2.4	13
61	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.	5.3	7
62	Prepara&tilde;o, caracteriza&tilde;o e avalia&tilde;o catal&tilde;tica do comp&tilde;sito Fe2O3/grafite em rea&tilde;&tilde;o foto-Fenton. <i>Revista Materia</i> , 2019, 24, .	0.2	2
63	Biosorption of cationic dyes by <i>Par&amp;tilde;i</i> chestnut husk ( <i>Bertholletia excelsa</i> ). <i>Water Science and Technology</i> , 2018, 77, 1612-1621.	2.5	48
64	Removal of Procion Red dye from colored effluents using H2SO4-/HNO3-treated avocado shells ( <i>Persea americana</i> ) as adsorbent. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6429-6442.	5.3	44
65	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.	2.5	43
66	Valoriza&tilde;o dos res&tilde;duos do processamento da N&tilde;z pec&tilde; (Carya illinoensis) como adsorvente dos corantes azul de metileno e violeta cristal. <i>Engvista</i> , 2017, 19, 1449.	0.1	0
67	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.	6.7	158
68	ESTIMATIVA DO CONSUMO PER CAPITA DE &Agrave;GUA TRATADA PARA USO DOM&tilde;STICO POR MEIO DE FERRAMENTAS ESTAT&tilde;STICAS: ESTUDO DE CASO DA CIDADE DE ARIQUEMES-RO. , 2016, 64, 32-38.	0.2	1
69	Avalia&tilde;o dos Componentes de Rendimento do Trigo quando Submetido a Diferentes Fontes de Nitro&tilde;nio. <i>Revista Eletr&amp;tilde;nica Em Gest&amp;tilde;o Educa&amp;tilde;o E Tecnologia Ambiental</i> , 2016, 20, 524.	0.0	4
70	Avalia&tilde;o da qualidade da &tilde;gua subterr&tilde;nea: estudo de caso de Vilhena &tilde; RO. <i>Revista &amp;tilde;guas Subterr&amp;tilde;neas</i> , 2015, 29, 213.	0.1	4
71	As modalidades mais frequentes de licenciamento realizadas em munic&tilde;pios da regi&tilde;o norte do Rio Grande do Sul. <i>Revista Monografias Ambientais</i> , 2015, 14, 136-143.	0.1	0
72	Festas rurais: m&tilde;dia, dimens&tilde;o festiva e impacto social em duas pequenas comunidades do Rio Grande do Sul. <i>Revista Monografias Ambientais</i> , 2015, 14, 115-122.	0.1	0

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73	A participa��o feminina na agricultura agroecol�gica: um estudo do caso na regi�o norte do Rio Grande do Sul. Revista Monografias Ambientais, 2015, 14, 01-09.	0.1	2
74	PR�TICAS DE CONSCIENTIZA��O AMBIENTAL EM ESCOLAS P�BLICAS DE RONDA ALTA/RS. Revista Monografias Ambientais, 2014, 13, .	0.1	1
75	PLANTIO DE PINUS ELLIOTTII EM PEQUENAS PROPRIEDADES RURAIS NO NORTE DO RIO GRANDE DO SUL. Revista Monografias Ambientais, 2014, 13, .	0.1	1
76	AN�LISE DO PROGRAMA DE QUALIFICA��O PROFISSIONAL DE AGRICULTORES �� EMATER, SOB A PERSPECTIVA M�DIA�TICA. Revista Monografias Ambientais, 2014, 13, .	0.1	0
77	BRASIL: O ACESSO UNIVERSAL AO SANEAMENTO B�SICO. Revista Monografias Ambientais, 2014, 13, .	0.1	0
78	AN�LISE ESTRUTURAL E DISTRIBUI��ES DE FREQU�NCIA EM UM FRAGMENTO FLORESTAL NO MUNIC�PIO DE FREDERICO WESTPHALEN �� RS, BRASIL. Revista Eletr�nica Em Gest�o Educa��o E Tecnologia Ambiental, 2014, 18, .	0.0	0
79	INDU��O AO ENRAIZAMENTO DE ESTACAS DE TECA (TECTONA GRANDIS L.F). Revista Eletr�nica Em Gest�o Educa��o E Tecnologia Ambiental, 2014, 18, .	0.0	2
80	A AGRICULTURA FAMILIAR NO CEN�RIO DA PRODU��O DE FLORESTAS ENERG�TICAS. Revista Monografias Ambientais, 2014, 13, .	0.1	0
81	Influ�ncia do Teor de Umidade na Germina��o de Sementes de Parapiptadenia rigida (Benth.) Brenan. Nativa, 2014, 2, 124-128.	0.4	0
82	ADSOR��O DE CORANTES T�XTEIS UTILIZANDO A CASCA DA CASTANHA DO PAR�, 0, , .		0
83	USO DE RES�DUOS DA AGROIND�STRIA NA REMO��O DO CORANTE VIOLETA CRISTAL. , 0, , .		0
84	ADSOR��O DE CORANTES T�XTEIS UTILIZANDO A CASCA DA CASTANHA DO PAR�, 0, , 9-15.		0
85	USO DE RES�DUOS DA AGROIND�STRIA NA REMO��O DO CORANTE VIOLETA. , 0, , 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, , .	0.4	0
87	O ATUAL CONTEXTO DA PRODU��O DE TRIGO NO RIO GRANDE DO SUL. Revista Eletr�nica Em Gest�o Educa��o E Tecnologia Ambiental, 0, , 246-257.	0.0	0