Affonso Celso Goncalves Junior

List of Publications by Year
in descending order

65 papers	728 citations	567144 15 h-index	642610 23 g-index
66 all docs	66 docs citations	66 times ranked	835 citing authors

#	Article	IF	Citations
1	Iron-enriched mycelia of edible and medicinal basidiomycetes. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	10
2	Canola mealâ€derived activated biochar treated with <scp>NaOH</scp> and <scp>CO₂</scp> as an effective tool for <scp>Cd</scp> removal. Journal of Chemical Technology and Biotechnology, 2022, 97, 87-100.	1.6	6
3	Cr^(total) Removal Using Chicken Feathers Derived Materials: A Laboratory Study with Adsorption-precipitation in Electroplating Effluents. Separation Science and Technology, 2022, 57, 1910-1925.	1.3	1
4	Ecofriendly Biosorbents Produced from Cassava Solid Wastes: Sustainable Technology for the Removal of Cd²⁺, Pb²⁺, and Cr^{total}. Adsorption Science and Technology, 2022, 2022, .	1.5	4
5	Sugarcane biomass colonized byPleurotus ostreatusfor red 4B dye removal: a sustainable alternative. Environmental Technology (United Kingdom), 2021, 42, 2611-2623.	1.2	3
6	Development of selective preconcentration/clean-up method for imidazolinone herbicides determination in natural water and rice samples by HPLC-PAD using an imazethapyr imprinted poly(vinylimidazole-TRIM). Food Chemistry, 2021, 334, 127345.	4.2	15
7	Evaluation of benthic macroinvertebrates as indicators of metal pollution in Brazilian rivers. International Journal of River Basin Management, 2021, 19, 209-219.	1.5	6
8	Development of biochar and activated carbon from cigarettes wastes and their applications in Pb2+ adsorption. Journal of Environmental Chemical Engineering, 2021, 9, 104980.	3.3	27
9	Distribution of heavy metals in sediments and their bioaccumulation on benthic macroinvertebrates in a tropical Brazilian watershed. Ecological Engineering, 2021, 163, 106194.	1.6	14
10	Effective Cd2+ removal from water using novel micro-mesoporous activated carbons obtained from tobacco: CCD approach, optimization, kinetic, and isotherm studies. Journal of Environmental Health Science & Engineering, 2021, 19, 1851-1874.	1.4	4
11	Growth and accumulation of Pb by roots and shoots of Brassica juncea L.. International Journal of Phytoremediation, 2020, 22, 134-139.	1.7	25
12	Triple activation (thermal-chemical-physical) in the development of an activated carbon from tobacco: characterizations and optimal conditions for Cd2+ and Pb2+ removal from waters. Water Practice and Technology, 2020, 15, 877-898.	1.0	12
13	Eco-friendly, renewable Crambe abyssinica Hochst-based adsorbents remove high quantities of Zn2+ in water. Journal of Environmental Health Science & Engineering, 2020, 18, 809-823.	1.4	5
14	Response of chia (Salvia hispanica) to sowing times and phosphorus rates over two crop cycles. Heliyon, 2020, 6, e05051.	1.4	7
15	Phytoremediation capacity, growth and physiological responses of Crambe abyssinica Hochst on soil contaminated with Cd and Pb. Journal of Environmental Management, 2020, 262, 110342.	3.8	25
16	MANDARIN PEELS AND RICE HUSKS AS SUBSTRATES FOR SOLID BIOFUEL. Cellulose Chemistry and Technology, 2020, 54, 169-177.	0.5	1
17	CHEMICAL PROPERTIES AND PHYSICAL FRACTIONS OF ORGANIC MATTER IN OXISOLS UNDER INTEGRATED AGRICULTURAL PRODUCTION SYSTEMS. Revista De Agricultura Neotropical, 2020, 7, 81-89.	0.3	2
18	Salvinia auriculata in post-treatment of dairy industry wastewater. International Journal of Phytoremediation, 2019, 21, 1368-1374.	1.7	12

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19	Reforested soil under drip irrigation with treated wastewater from poultry slaughterhouse. Revista Brasileira De Engenharia Agricola E Ambiental, 2019, 23, 439-445.	0.4	0
20	Influence of hydrological flows from tropical watersheds on the dynamics of Cu and Zn in sediments. Environmental Monitoring and Assessment, 2019, 191, 86.	1.3	12
21	BiossorÃ§Ã£o de Ãons Cr(III) de soluÃ§Ãµes aquosas sintÃ©ticas e efluente de curtume utilizando a macrÃ³fita aquÃ¡tica Pistia stratiotes. Engenharia Sanitaria E Ambiental, 2019, 24, 335-346.	0.1	3
22	Development of renewable adsorbent from cigarettes for lead removal from water. Journal of Environmental Chemical Engineering, 2019, 7, 103200.	3.3	22
23	Environmental impact of toxic metals on water and soil by agrochemicals, emerging pollutants and remediation methods. Australian Journal of Crop Science, 2019, , 1520-1525.	0.1	0
24	Effect of the use of golden mussel flour contaminated with lead as a source of calcium on the performance of broilers. Semina:Ciencias Agrarias, 2019, 40, 2783.	0.1	0
25	Human intoxication by agrochemicals in the region of South Brazil between 1999 and 2014. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 219-225.	0.7	17
26	Pistia stratiotes in the phytoremediation and post-treatment of domestic sewage. International Journal of Phytoremediation, 2019, 21, 714-723.	1.7	23
27	Chemical modifications on pinus bark for adsorption of toxic metals. Journal of Environmental Chemical Engineering, 2018, 6, 1271-1278.	3.3	40
28	Removal of toxic metals using endocarp of aÃ§aÃ-berry as biosorbent. Water Science and Technology, 2018, 77, 1547-1557.	1.2	30
29	Contamination by lead in sediments at Toledo River, hydrographic basin of PARANÃ•III. Environmental Monitoring and Assessment, 2018, 190, 243.	1.3	7
30	Insight into the performance of molecularly imprinted poly(methacrylic acid) and polyvinylimidazole for extraction of imazethapyr in aqueous medium. Chemical Engineering Journal, 2018, 343, 583-596.	6.6	21
31	Controle de Meloidogyne incognita em tomateiro pelo extrato de crambe em diferentes formas de aplicaÃ§Ã£o. Summa Phytopathologica, 2018, 44, 261-266.	0.3	2
32	Adsorption mechanism of chromium(III) using biosorbents of Jatropha curcas L.. Environmental Science and Pollution Research, 2017, 24, 21778-21790.	2.7	20
33	Golden mussel (Limnoperna fortunei) in feed for broiler chicks using tannin as a sequestrant of toxic metals. Semina:Ciencias Agrarias, 2017, 38, 843.	0.1	7
34	<b>Biosorbent of macadamia residue for cationic dye adsorption in aqueous solution. Acta Scientiarum - Technology, 2017, 39, 97.	0.4	1
35	<b>Biosorption of Cu (II) and Zn (II) with aÃ§aÃ-endocarp <i>Euterpe oleracea</i> M. in contaminated aqueous solution. Acta Scientiarum - Technology, 2016, 38, 361.	0.4	19
36	Investigation on the Performance of Chemically Modified Aquatic Macrophytesâ€"Salvinia molesta for the Micro-Solid Phase Preconcentration of Cd(II) On-Line Coupled to FAAS. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 863-869.	1.3	4

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37	Evaluation of kinetic and thermodynamic parameters in adsorption of lead (Pb2+) and chromium (Cr3+) by chemically modified macadamia (Macadamia integrifolia). Desalination and Water Treatment, 2016, 57, 17738-17747.	1.0	3
38	<b>Removal of Cu (II) and Zn (II) from water with natural adsorbents from cassava agroindustry residues. Acta Scientiarum - Technology, 2015, 37, 409.	0.4	9
39	ACrambe abyssinicaseed by-product as biosorbent for lead(II) removal from water. Desalination and Water Treatment, 2015, 53, 139-148.	1.0	9
40	Treatment of cattle manure with aerated tanks in a free-stall system. Bioscience Journal, 2015, 31, 518-526.	0.4	0
41	<b>Preparation of a chitosan-based anionic exchanger for removal of bromide, chloride, iodide and phosphate ions from aqueous solutions. Acta Scientiarum - Technology, 2014, 36, 521.	0.4	6
42	Spatial Distribution of Soil Attributes in the ConcÃ³rdia River Watershed in Southern Brazil. Environmental Quality Management, 2014, 24, 1-12.	1.0	5
43	Removal of metal ions Cd (II), Pb (II), and Cr (III) from water by the cashew nut shell Anacardium occidentale L. Ecological Engineering, 2014, 73, 514-525.	1.6	97
44	Application of Ni(II)-imprinted cross-linked poly(methacrylic acid) synthesised through double-imprinting method for the on-line preconcentration of Ni(II) ions in aqueous media. International Journal of Environmental Analytical Chemistry, 2014, 94, 1061-1071.	1.8	6
45	Potencial de Ã¡gua do solo e adubaÃ§Ã£o com boro no crescimento e absorÃ§Ã£o do nutriente pela cultura da soja. Revista Brasileira De Ciencia Do Solo, 2014, 38, 240-251.	0.5	12
46	Adsorption of cadmium in vegetable sponge (Luffa cylindrica). Revista Ambiente & Ãgua, 2014, 9, .	0.1	4
47	Biosorption and removal of chromium from water by using moringa seed cake (Moringa oleifera Lam.). Quimica Nova, 2013, 36, 1104-1110.	0.3	32
48	The use of Crambe abyssinica seeds as adsorbent in the removal of metals from waters. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 306-311.	0.4	15
49	BioacumulaÃ§Ã£o de metais pesados e nutrientes no mexilhÃ£o dourado do reservatÃ³rio da Usina HidrelÃ©trica de Itaipu Binacional. Quimica Nova, 2013, 36, 359-363.	0.3	13
50	Applicability of the Pinus bark (Pinus elliottii) for the adsorption of toxic heavy metals from aqueous solutions. Acta Scientiarum - Technology, 2012, 34, .	0.4	9
51	Availability of nutrients and toxic heavy metals in marigold plants. Acta Scientiarum - Technology, 2012, 34, .	0.4	0
52	DeterminaÃ§Ã£o de fosfato por eletrodos modificados com quitosana. Acta Scientiarum - Technology, 2011, 33, .	0.4	1
53	Phytoavailability of Toxic Heavy Metals and Productivity in Wheat Cultivated Under Residual Effect of Fertilization in Soybean Culture. Water, Air, and Soil Pollution, 2011, 220, 205-211.	1.1	17
54	Produtividade e componentes de produÃ§Ã£o da soja adubada com diferentes doses de fÃ³sforo, potÃ¡ssio e zinco. Ciencia E Agrotecnologia, 2010, 34, 660-666.	1.5	17

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55	ComparaÃ§Ã£o entre um trocador aniÃ´nico de sal de amÃ´nio quaternÃ¡rio de quitosana e um trocador comercial na extraÃ§Ã£o de fÃ³sforo disponÃvel em solos. Quimica Nova, 2010, 33, 1047-1052.	0.3	12
56	Estado trÃ³fico e bioacumulaÃ§Ã£o do fÃ³sforo total no cultivo de peixes em tanques-rede na Ã¡rea aqÃ¼Ãcola do reservatÃ³rio de Itaipu. Acta Scientiarum - Biological Sciences, 2008, 30, .	0.3	3
57	Efeitos de floculantes na concentraÃ§Ã£o de micro e macronutrientes em biofertilizante suÃno. Acta Scientiarum - Technology, 2008, 30, .	0.4	0
58	AvaliaÃ§Ã£o da fitodisponibilidade de cÃ¡dmio, chumbo e crÃ´mio, em soja cultivada em latossolo vermelho escuro tratado com fertilizantes comerciais. Quimica Nova, 2000, 23, 173-177.	0.3	23
59	Adsorption of Cd (II), Pb (II) and Cr (III) on chemically modified Euterpe Oleracea biomass for the remediation of water pollution. Acta Scientiarum - Technology, 0, 43, e50263.	0.4	10
60	Phytotoxicity in two sugarcane cultivars in the initial development as affected by selectivity to herbicides. Arquivos Do Instituto Biologico, 0, 87, .	0.4	1
61	MONITORAMENTO DA QUALIDADE DAS ÃGUAS DO RIO DO OURO, EM OURO VERDE DO OESTE â€“ PR: ANÃLISES TOXICOLÃ“GICAS. Revista Agrogeoambiental, 0, , .	0.0	1
62	Potential of agricultural and agroindustrial wastes as adsorbent materials of toxic heavy metals: a review. , 0, 187, 203-218.		10
63	Use of Lysimeters to Evaluate the Atrazine Dynamics in Soil Cultivated With Maize. , 0, , .		0
64	Removal of Pb2+ and Cd2+ From Contaminated Water Using Activated Carbon from Canola Seed Wastes. , 0, , .		1
65	Adsorbents developed from residual biomass of canola grains for the removal of lead from water. , 0, 197, 261-279.		4