Daniel Schwantes

List of Publications by Year
in descending order

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58	782	471509	610901
papers	citations	17	24
		h-index	g-index

59	59	59	788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Availability of Heavy Metals (Cd, Pb, and Cr) in Agriculture from Commercial Fertilizers. Archives of Environmental Contamination and Toxicology, 2013, 64, 537-544.	4.1	67
2	Chemical Modifications of Cassava Peel as Adsorbent Material for Metals Ions from Wastewater. Journal of Chemistry, 2016, 2016, 1-15.	1.9	42
3	Chemical modifications on pinus bark for adsorption of toxic metals. Journal of Environmental Chemical Engineering, 2018, 6, 1271-1278.	6.7	40
4	Biosorption and removal of chromium from water by using moringa seed cake (Moringa oleifera Lam.). Quimica Nova, 2013, 36, 1104-1110.	0.3	32
5	Production of biogas and biofertilizer using anaerobic reactors with swine manure and glycerin doses. Journal of Cleaner Production, 2019, 213, 176-184.	9.3	32
6	Removal of toxic metals using endocarp of aÃ§aÃ-berry as biosorbent. Water Science and Technology, 2018, 77, 1547-1557.	2.5	30
7	Adsorption of Cu (II) and Zn (II) from Water by Jatropha curcas L. as Biosorbent. Open Chemistry, 2016, 14, 103-117.	1.9	28
8	Removal of cadmium from water using by-product Crambe abyssinica Hochst seeds as biosorbent material. Water Science and Technology, 2013, 68, 227-233.	2.5	27
9	Development of biochar and activated carbon from cigarettes wastes and their applications in Pb2+ adsorption. Journal of Environmental Chemical Engineering, 2021, 9, 104980.	6.7	27
10	Growth and accumulation of Pb by roots and shoots of Brassica juncea L.. International Journal of Phytoremediation, 2020, 22, 134-139.	3.1	25
11	Phytoremediation capacity, growth and physiological responses of Crambe abyssinica Hochst on soil contaminated with Cd and Pb. Journal of Environmental Management, 2020, 262, 110342.	7.8	25
12	Heavy Metal Contamination in Brazilian Agricultural Soils due to Application of Fertilizers. , 0, , .		23
13	Removal of Cd(II), Pb(II) and Cr(III) from water using modified residues of Anacardium occidentale L.. Applied Water Science, 2018, 8, 1.	5.6	23
14	Pistia stratiotes in the phytoremediation and post-treatment of domestic sewage. International Journal of Phytoremediation, 2019, 21, 714-723.	3.1	23
15	Development of renewable adsorbent from cigarettes for lead removal from water. Journal of Environmental Chemical Engineering, 2019, 7, 103200.	6.7	22
16	Adsorption mechanism of chromium(III) using biosorbents of Jatropha curcas L.. Environmental Science and Pollution Research, 2017, 24, 21778-21790.	5.3	20
17	Determination of CHLORPYRIFOS by GC/ECD in water and its sorption mechanism study in a RHODIC FERRALSOL. Journal of Environmental Health Science & Engineering, 2020, 18, 149-162.	3.0	20
18	<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

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19	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.	2.4	17
20	Removal of Cd (II) from water using the waste of jatropha fruit (Jatropha curcas L.). Applied Water Science, 2017, 7, 3207-3222.	5.6	17
21	Distribution of heavy metals in sediments and their bioaccumulation on benthic macroinvertebrates in a tropical Brazilian watershed. Ecological Engineering, 2021, 163, 106194.	3.6	14
22	Salvinia auriculata in post-treatment of dairy industry wastewater. International Journal of Phytoremediation, 2019, 21, 1368-1374.	3.1	12
23	Influence of hydrological flows from tropical watersheds on the dynamics of Cu and Zn in sediments. Environmental Monitoring and Assessment, 2019, 191, 86.	2.7	12
24	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.	2.0	12
25	AplicaÃ§Ã£o de dejetos de suÃnos na cultura do milho cultivado em sistema de plantio direto. Acta Scientiarum - Technology, 2010, 32, .	0.4	11
26	Modified grape stem as a renewable adsorbent for cadmium removal. Water Science and Technology, 2018, 78, 2308-2320.	2.5	11
27	Removal of Cr (III) from contaminated water using industrial waste of the cassava as natural adsorbents. African Journal of Agricultural Research Vol Pp, 2015, 10, 4241-4251.	0.5	10
28	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
29	Potential of agricultural and agroindustrial wastes as adsorbent materials of toxic heavy metals: a review. , 0, 187, 203-218.		10
30	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
31	<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
32	ACrambe abyssinicaseed by-product as biosorbent for lead(II) removal from water. Desalination and Water Treatment, 2015, 53, 139-148.	1.0	9
33	Contamination by lead in sediments at Toledo River, hydrographic basin of PARANÃ•III. Environmental Monitoring and Assessment, 2018, 190, 243.	2.7	7
34	Disponibilidade dos metais pesados tÃ³xicos cÃ¡dmio, chumbo e cromo no solo e tecido foliar da soja adubada com diferentes fontes de NPK+Zn. Ciencia E Agrotecnologia, 2011, 35, 884-892.	1.5	6
35	<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
36	Evaluation of benthic macroinvertebrates as indicators of metal pollution in Brazilian rivers. International Journal of River Basin Management, 2021, 19, 209-219.	2.7	6

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37	Renewable Eco-Friendly Activated Biochar from Tobacco: Kinetic, Equilibrium and Thermodynamics Studies for Chlorpyrifos Removal. Separation Science and Technology, 2022, 57, 159-179.	2.5	6
38	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.	3.2	6
39	PRODUTIVIDADE E COMPONENTES DE PRODUÃ‡ÃƒO DO MILHO ADUBADO COM Cu E NPK EM UM ARGISSOLO. Scientia Agraria, 2008, 9, 035.	0.5	5
40	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.	3.0	5
41	Organic Micropollutant Adsorption in Chemically Modified Forestry Pinus Elliotti Spp Barks. Journal of Solid Waste Technology and Management, 2018, 44, 142-152.	0.2	5
42	Influence of two neotropical ecoregions in the community of benthic macroinvertebrates. International Journal of River Basin Management, 2021, 19, 201-207.	2.7	4
43	Nitrate Adsorption using Sugar Cane Bagasse Physicochemically Changed. Journal of Agriculture and Environmental Sciences, 2015, 4, .	0.0	4
44	TREATMENT OF DAIRY EFFLUENTS IN WETLANDS SYSTEMS WITH FLOATING AQUATIC MACROPHYTES. Revista De CiÃªncias Ambientais, 2017, 11, 25.	0.0	4
45	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.	3.0	4
46	Adsorbents developed from residual biomass of canola grains for the removal of lead from water. , 0, 197, 261-279.		4
47	Ecofriendly Biosorbents Produced from Cassava Solid Wastes: Sustainable Technology for the Removal of Cd²⁺, Pb²⁺, and Cr^{total}. Adsorption Science and Technology, 2022, 2022, .	3.2	4
48	Use of Co-Products from the Processing of Cassava for the Development of Adsorbent Materials Aiming Metal Removal. , 0, , .		3
49	Kinetics, equilibrium and thermodynamics of the adsorption process of lead using cassava industry wastes. , 2013, , 417-422.		3
50	BIOINDICADORES DE QUALIDADE DE ÃGUA COMO FERRAMENTA DE IMPACTO AMBIENTAL DE UMA BACIA HIDROGRÃFICA. Revista GestÃ£o & Sustentabilidade Ambiental, 2017, 6, 165.	0.1	3
51	SPIRODELA POLYRHIZA NA FITORREMEDIAÃ‡ÃƒO E PÃ“S-TRATAMENTO DE EFLUENTE DOMÃ‰STICO. Revista De Estudos Ambientais, 2018, 19, 17.	0.1	3
52	TEORES DE METAIS EM CURSOS HÃDRICOS DE TOLEDO - PR. Revista De CiÃªncias Ambientais, 2017, 11, 53.	0.0	1
53	MONITORAMENTO DA QUALIDADE DAS ÃGUAS DO RIO DO OURO, EM OURO VERDE DO OESTE â€“ PR: ANÁLISES TOXICOLÃ“GICAS. Revista Agrogeoambiental, 0, , .	0.0	1
54	Biofertilization of Tifton 85 with Sludge from Sewage Treatment Station of Whey Industry. International Journal of Plant & Soil Science, 2017, 16, 1-10.	0.2	1

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55	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.	2.5	1
56	Brazilian pepper (Schinus terebinthifolius) seedlings development under different luminous intensity. African Journal of Agricultural Research Vol Pp, 2015, 10, 4169-4175.	0.5	0
57	Phosphorus release from poultry litter to the soil due to the management. African Journal of Agricultural Research Vol Pp, 2015, 10, 3436-3444.	0.5	0
58	Availability of heavy metal in Tifton 85 fertilized with manure from swine. AmbiÃªncia, 2016, 12, .	0.1	0