Vieira, Mf

List of Publications by Year
in descending order

35	1,152	430754	434063
papers	citations	18 h-index	31 g-index

35	35	35	1210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of tartrazine from aqueous solutions using adsorbents based on activated carbon and Moringa oleifera seeds. Journal of Cleaner Production, 2018, 171, 85-97.	4.6	131
2	Protein fractionation of seeds of Moringa oleifera lam and its application in superficial water treatment. Separation and Purification Technology, 2017, 180, 114-124.	3.9	126
3	Diclofenac removal from water by adsorption on Moringa oleifera pods and activated carbon: Mechanism, kinetic and equilibrium study. Journal of Cleaner Production, 2019, 219, 809-817.	4.6	107
4	Performance of a coagulationâ€“ultrafiltration hybrid process for water supply treatment. Chemical Engineering Journal, 2011, 166, 483-489.	6.6	98
5	Coagulationâ€“flocculation process with ultrafiltered saline extract of Moringa oleifera for the treatment of surface water. Chemical Engineering Journal, 2015, 276, 166-173.	6.6	91
6	Surface modification of a polyethersulfone microfiltration membrane with graphene oxide for reactive dyes removal. Applied Surface Science, 2019, 486, 499-507.	3.1	77
7	Functionalization of membrane surface by layer-by-layer self-assembly method for dyes removal. Chemical Engineering Research and Design, 2020, 134, 140-148.	2.7	45
8	Adsorption of Safranin-O dye by copper oxide nanoparticles synthesized from Punica granatum leaf extract. Environmental Technology (United Kingdom), 2022, 43, 3047-3063.	1.2	38
9	Environmentally friendly biosorbents (husks, pods and seeds) fromMoringa oleiferafor Pb(II) removal from contaminated water. Environmental Technology (United Kingdom), 2017, 38, 3145-3155.	1.2	36
10	Î²-Glucosidase immobilized and stabilized on agarose matrix functionalized with distinct reactive groups. Journal of Molecular Catalysis B: Enzymatic, 2011, 69, 47-53.	1.8	35
11	Immobilizationâ€“stabilization of glucoamylase: Chemical modification of the enzyme surface followed by covalent attachment on highly activated glyoxyl-agarose supports. Process Biochemistry, 2011, 46, 409-412.	1.8	35
12	Synthesis and Impregnation of Copper Oxide Nanoparticles on Activated Carbon through Green Synthesis for Water Pollutant Removal. Materials Research, 2018, 21, .	0.6	35
13	Green synthesis of copper oxide nanoparticles impregnated on activated carbon using Moringa oleifera leaves extract for the removal of nitrates from water. Canadian Journal of Chemical Engineering, 2018, 96, 2378-2386.	0.9	31
14	Application of magnetic coagulant based on fractionated protein of Moringa oleifera Lam. seeds for aqueous solutions treatment containing synthetic dyes. Environmental Science and Pollution Research, 2020, 27, 12192-12201.	2.7	28
15	Magnetic coagulant based on Moringa oleifera seeds extract and super paramagnetic nanoparticles: optimization of operational conditions and reuse evaluation. , 0, 106, 226-237.		28
16	Modified Moringa oleifera Lam. Seed husks as low-cost biosorbent for atrazine removal. Environmental Technology (United Kingdom), 2021, 42, 1092-1103.	1.2	27
17	Covalent immobilization-stabilization of Î²-1,4-endoxylanases from Trichoderma reesei : Production of xylooligosaccharides. Process Biochemistry, 2018, 64, 170-176.	1.8	24
18	Protein fractionation of Moringa oleifera Lam. seeds and functionalization with magnetic particles for the treatment of reactive black 5 solution. Canadian Journal of Chemical Engineering, 2019, 97, 2309-2317.	0.9	21

#	Article	IF	Citations
19	Activated carbon of Babassu coconut impregnated with copper nanoparticles by green synthesis for the removal of nitrate in aqueous solution. Environmental Technology (United Kingdom), 2018, 39, 1994-2003.	1.2	20
20	Removal of excess fluoride from groundwater using natural coagulant Moringa oleifera Lam and microfiltration. Canadian Journal of Chemical Engineering, 2015, 93, 37-45.	0.9	18
21	Lowâ€cost biosorbent based on Moringa oleifera residues for herbicide atrazine removal in a fixedâ€bed column. Canadian Journal of Chemical Engineering, 2018, 96, 1468-1478.	0.9	16
22	Trihalomethanes minimization in drinking water by coagulation/flocculation/sedimentation with natural coagulant Moringa oleifera Lam and activated carbon filtration. Canadian Journal of Chemical Engineering, 2016, 94, 1277-1284.	0.9	12
23	Investigation of Moringa oleifera seeds as effective and low-cost adsorbent to remove yellow dye tartrazine in fixed-bed column. Separation Science and Technology, 2020, 55, 13-25.	1.3	12
24	Mathematical modelling applied to the rate-limiting mass transfer step determination of a herbicide biosorption onto fixed-bed columns. Environmental Technology (United Kingdom), 2020, 41, 638-648.	1.2	10
25	Hydrogels produced from natural polymers: a review on its use and employment in water treatment. Brazilian Journal of Chemical Engineering, 2023, 40, 23-38.	0.7	10
26	Development of an activated carbon impregnation process with iron oxide nanoparticles by green synthesis for diclofenac adsorption. Environmental Science and Pollution Research, 2020, 27, 6088-6102.	2.7	9
27	Production of Sodium Bicarbonate from CO2 Reuse Processes: A Brief Review. International Journal of Chemical Reactor Engineering, 2019, .	0.6	8
28	Deposition of graphene nanoparticles associated with tannic acid in microfiltration membrane for removal of food colouring. Environmental Technology (United Kingdom), 2021, 42, 351-357.	1.2	7
29	Water decontamination containing nitrate using biosorption with Moringa oleifera in dynamic mode. Environmental Science and Pollution Research, 2018, 25, 21544-21554.	2.7	5
30	A tubular ceramic membrane coated with TiO2-P25 for radial addition of H2O2 towards AMX removal from synthetic solutions and secondary urban wastewater. Environmental Science and Pollution Research, 2022, 29, 42120-42129.	2.7	4
31	The â€˜chimie douceâ€™ process towards the modification of natural zeolites for removing drugs and pesticides from water. Journal of Chemical Technology and Biotechnology, 0, , .	1.6	3
32	A novel magnetic adsorbent from activated carbon fiber and iron oxide nanoparticles for 2,4-D removal from aqueous medium. Environmental Technology (United Kingdom), 2023, 44, 4219-4237.	1.2	3
33	Layerâ€byâ€layer selfâ€assembly of polyethersulphone microfiltration membranes for dye removal and flux recovery improvement. Canadian Journal of Chemical Engineering, 2022, 100, 1920-1929.	0.9	2
34	Isotermas de adsorÃ§Ã£o de ivermectina em carvÃ£o ativado funcionalizado com grafeno. Engineering Sciences, 2022, 9, 101-109.	0.0	0
35	Modification of natural zeolite clinoptilolite and ITS application in the adsorption of herbicides. Environmental Technology (United Kingdom), 2023, 44, 3949-3964.	1.2	0