

# RosÃngela Bergamasco

## List of Publications by Year in descending order

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147  
papers

4,846  
citations

101543

36  
h-index

118850

62  
g-index

148  
all docs

148  
docs citations

148  
times ranked

4344  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Moringa oleifera</i> seed oil extracted by pressurized <i>n</i> -propane and its effect against <i>Staphylococcus aureus</i> biofilms. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1083-1098.	2.2	5
2	Okara and okara modified and functionalized with iron oxide nanoparticles for the removal of <i>Microcystis aeruginosa</i> and cyanotoxin. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2737-2752.	2.2	0
3	Hydrogels produced from natural polymers: a review on its use and employment in water treatment. <i>Brazilian Journal of Chemical Engineering</i> , 2023, 40, 23-38.	1.3	10
4	Hydrogel Applications to Microbiological Water Treatment. <i>Separation and Purification Reviews</i> , 2023, 52, 155-163.	5.5	3
5	Low-cost adsorbent prepared from soybean hulls residues as potential alternative for cationic dyes removal. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 2034-2044.	2.4	2
6	Modification of natural zeolite clinoptilolite and ITS application in the adsorption of herbicides. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 3949-3964.	2.2	0
7	A novel magnetic adsorbent from activated carbon fiber and iron oxide nanoparticles for 2,4-D removal from aqueous medium. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 4219-4237.	2.2	3
8	Graphene oxide functionalized with cobalt ferrites applied to the removal of bisphenol A: ionic study, reuse capacity and desorption kinetics. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1388-1404.	2.2	9
9	A tubular ceramic membrane coated with TiO <sub>2</sub> -P25 for radial addition of H <sub>2</sub> O <sub>2</sub> towards AMX removal from synthetic solutions and secondary urban wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 42120-42129.	5.3	4
10	Adsorption of Safranin-O dye by copper oxide nanoparticles synthesized from <i>Punica granatum</i> leaf extract. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3047-3063.	2.2	38
11	Investigation of <i>Citrus reticulata</i> peels as an efficient and low-cost adsorbent for the removal of safranin orange dye. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4315-4329.	2.2	21
12	Layer-by-layer self-assembly of polyethersulphone microfiltration membranes for dye removal and flux recovery improvement. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 1920-1929.	1.7	2
13	Physico-chemical and electrostatic surface characterisation of mica mineral and its applicability on the adsorption of Safranin Orange and Reactive Black 5 dyes. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4315-4329.	1.7	2
14	Influence of bionanoparticles to treat a slaughterhouse wastewater. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4528-4544.	2.2	4
15	Membrane surface functionalization by the deposition of polyvinyl alcohol and graphene oxide for dyes removal and treatment of a simulated wastewater. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 170, 108725.	3.6	26
16	Evaluation of diazepam adsorption in aqueous media using low-cost and natural zeolite: equilibrium and kinetics. <i>Environmental Science and Pollution Research</i> , 2022, 29, 79808-79815.	5.3	2
17	Application of activated carbon functionalized with graphene oxide for efficient removal of COVID-19 treatment-related pharmaceuticals from water. <i>Chemosphere</i> , 2022, 289, 133213.	8.2	33
18	Valorization of soybean oil residue through advanced technology of graphene oxide modified membranes for tocopherol recovery. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 3736-3749.	1.7	0

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19	Acetaminophen removal by calcium alginate/activated hydrochar composite beads: Batch and fixed-bed studies. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 553-562.	7.5	32
20	Investigation of two new low-cost adsorbents functionalized with magnetic nanoparticles for the efficient removal of triclosan and a synthetic mixture. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46813-46829.	5.3	9
21	Efficient performance of copper oxide nanoparticles synthesized with pomegranate leaf extract for neutral red dye adsorption. <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, .	2.3	11
22	Impact of biodiesel production on wastewater generation. <i>Engenharia Sanitaria E Ambiental</i> , 2022, 27, 235-244.	0.5	1
23	Performance Evaluation of a Hybrid Enhanced Membrane Bioreactor (eMBR) System Treating Synthetic Textile Effluent. <i>Water (Switzerland)</i> , 2022, 14, 1708.	2.7	1
24	Caffeine removal by chitosan/activated carbon composite beads: Adsorption in tap water and synthetic hospital wastewater. <i>Chemical Engineering Research and Design</i> , 2022, 184, 1-12.	5.6	18
25	Synergistic Mechanism of Photocatalysis and Photo-Fenton by Manganese Ferrite and Graphene Nanocomposite Supported on Wood Ash with Real Sunlight Irradiation. <i>Catalysts</i> , 2022, 12, 745.	3.5	8
26	Adsorption of sodium diclofenac in aqueous medium using graphene oxide nanosheets. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 2599-2609.	2.2	33
27	Functionalized magnetite nanoparticles with <i>Moringa oleifera</i> with potent antibacterial action in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 4296-4305.	2.2	13
28	Deposition of graphene nanoparticles associated with tannic acid in microfiltration membrane for removal of food colouring. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 351-357.	2.2	7
29	Structured photocatalytic systems: photocatalytic coatings on low-cost structures for treatment of water contaminated with micropollutants—a short review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23610-23633.	5.3	19
30	A simple and effective method for <i>Escherichia coli</i> inactivation in aqueous medium using natural based superparamagnetic coagulant. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13503.	2.3	2
31	Application of graphene nanosheet oxide for atrazine adsorption in aqueous solution: synthesis, material characterization, and comprehension of the adsorption mechanism. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5731-5741.	5.3	15
32	A review of <i>Moringa oleifera</i> seeds in water treatment: Trends and future challenges. <i>Chemical Engineering Research and Design</i> , 2021, 147, 405-420.	5.6	62
33	Facile filtration system to remove Diuron in aqueous solutions. <i>Journal of Hazardous Materials</i> , 2021, 404, 124163.	12.4	12
34	Life performance evaluation of lyophilized <i>Moringa</i> biocoagulant: An alternative for prolonging the biocoagulant efficiency. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13538.	2.3	0
35	Evaluation of novel activated carbons from chichá-do-cerrado ( <i>Sterculia striata</i> St. Hil. et Naud) fruit shells on metformin adsorption and treatment of a synthetic mixture. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104914.	6.7	23
36	Discolouration of contaminated water with textile dye through a combined coagulation/flocculation and membrane separation process with different natural coagulants extracted from <i>Moringa oleifera</i> seeds. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 1976-1983.	1.7	6

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37	Synthesis and performance evaluation of a magnetic biocoagulant in the removal of reactive black 5 dye in aqueous medium. <i>Materials Science and Engineering C</i> , 2021, 119, 111523.	7.3	31
38	Modified <i>Moringa oleifera</i> Lam. Seed husks as low-cost biosorbent for atrazine removal. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1092-1103.	2.2	27
39	Bisfenol A adsorption using a low-cost adsorbent prepared from residues of babassu coconut peels. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 2372-2384.	2.2	17
40	Adsorption of non-steroidal anti-inflammatory drug (NSAID) by agro-industrial by-product with chemical and thermal modification: Adsorption studies and mechanism. <i>Industrial Crops and Products</i> , 2021, 161, 113200.	5.2	34
41	Metformin environmental exposure: A systematic review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 83, 103588.	4.0	44
42	Evaluation of the genotoxic and cytotoxic effects of exposure to the herbicide 2,4-dichlorophenoxyacetic acid in <i>Astyanax lacustris</i> (Pisces, Characidae) and the potential for its removal from contaminated water using a biosorbent. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 865, 503335.	1.7	4
43	Process Performance Combining Natural Coagulant <i>Moringa oleifera</i> Lam and Ultrafiltration for Groundwater Defluoridation. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	5
44	Oxidative degradation and mineralization of the endocrine disrupting chemical bisphenol-A by an eco-friendly system based on UV-solar/H <sub>2</sub> O <sub>2</sub> with reduction of genotoxicity and cytotoxicity levels. <i>Science of the Total Environment</i> , 2021, 770, 145296.	8.0	15
45	<i>Moringa oleifera</i> extract promotes apoptosis-like death in <i>Toxoplasma gondii</i> tachyzoites in vitro. <i>Parasitology</i> , 2021, 148, 1447-1457.	1.5	4
46	Removing PFAS from aquatic systems using natural and renewable material-based adsorbents: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105271.	6.7	62
47	Advanced graphene oxide-based membranes as a potential alternative for dyes removal: A review. <i>Science of the Total Environment</i> , 2021, 789, 147957.	8.0	74
48	Application of a novel low-cost adsorbent functioned with iron oxide nanoparticles for the removal of triclosan present in contaminated water. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111328.	4.4	27
49	Performance of a hybrid coagulation/flocculation process followed by modified microfiltration membranes for the removal of solophenyl blue dye. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 168, 108577.	3.6	40
50	Green nanoparticles in water treatment: A review of research trends, applications, environmental aspects and large-scale production. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100526.	2.9	15
51	Diclofenac adsorption using a low-cost adsorbent derived from <i>Guazuma ulmifolia</i> Lam. fruit via chemical and thermal treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106629.	6.7	8
52	Evaluation of a magnetic coagulant based on Fe <sub>3</sub> O <sub>4</sub> nanoparticles and <i>Moringa oleifera</i> extract on tartrazine removal: coagulation-adsorption and kinetics studies. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1648-1663.	2.2	24
53	Development of a new vacuum impregnation method at room atmosphere to produce silver-copper oxide nanoparticles on activated carbon for antibacterial applications. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2400-2411.	2.2	7
54	Investigation of <i>Moringa oleifera</i> seeds as effective and low-cost adsorbent to remove yellow dye tartrazine in fixed-bed column. <i>Separation Science and Technology</i> , 2020, 55, 13-25.	2.5	12

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55	Biopolymer extracted from <i>Moringa oleifera</i> Lam. in conjunction with graphene oxide to modify membrane surfaces. <i>Environmental Technology</i> (United Kingdom), 2020, 41, 3069-3080.	2.2	13
56	Mathematical modelling applied to the rate-limiting mass transfer step determination of a herbicide biosorption onto fixed-bed columns. <i>Environmental Technology</i> (United Kingdom), 2020, 41, 638-648.	2.2	10
57	Assessment of the use of <i>Moringa oleifera</i> seed husks for removal of pesticide diuron from contaminated water. <i>Environmental Technology</i> (United Kingdom), 2020, 41, 191-201.	2.2	33
58	Influence evaluation of the functionalization of magnetic nanoparticles with a natural extract coagulant in the primary treatment of a dairy cleaning-in-place wastewater. <i>Journal of Cleaner Production</i> , 2020, 243, 118634.	9.3	32
59	Analysis of the influence of natural adsorbent functionalization ( <i>Moringa oleifera</i> ) for Pb(II) removal from contaminated water. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13318.	2.3	8
60	Soybean hulls as a low-cost biosorbent for removal of methylene blue contaminant. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13328.	2.3	53
61	Development of an activated carbon impregnation process with iron oxide nanoparticles by green synthesis for diclofenac adsorption. <i>Environmental Science and Pollution Research</i> , 2020, 27, 6088-6102.	5.3	9
62	Green synthesis of iron oxide nanoparticles for tartrazine and bordeaux red dye removal. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103618.	6.7	54
63	Adsorption of cephalexin in aqueous media by graphene oxide: kinetics, isotherm, and thermodynamics. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4725-4736.	5.3	26
64	Functionalization of membrane surface by layer-by-layer self-assembly method for dyes removal. <i>Chemical Engineering Research and Design</i> , 2020, 134, 140-148.	5.6	45
65	Occurrence, statutory guideline values and removal of contaminants of emerging concern by Electrochemical Advanced Oxidation Processes: A review. <i>Science of the Total Environment</i> , 2020, 748, 141527.	8.0	88
66	Chitosan, alginate and other macromolecules as activated carbon immobilizing agents: A review on composite adsorbents for the removal of water contaminants. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2535-2549.	7.5	93
67	Natural Extract of <i>Moringa oleifera</i> Leaves Promoting Control of <i>Staphylococcus aureus</i> strains biofilm on PVC surface. <i>Food and Bioprocess Technology</i> , 2020, 13, 1817-1832.	4.7	11
68	Analysis of herbicide biosorption by means of a phenomenological mathematical distributed parameter model. <i>Environmental Technology</i> (United Kingdom), 2020, , 1-8.	2.2	1
69	Application of <i>Moringa oleifera</i> Lam. fractionated proteins for inactivation of <i>Escherichia coli</i> from water. <i>Water Science and Technology</i> , 2020, 81, 265-273.	2.5	9
70	Manganese ferrite dispersed over graphene sand composite for methylene blue photocatalytic degradation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104191.	6.7	27
71	Development of a new low-cost adsorbent functionalized with iron nanoparticles for removal of metformin from contaminated water. <i>Chemosphere</i> , 2020, 247, 125852.	8.2	37
72	Application of magnetic coagulant based on fractionated protein of <i>Moringa oleifera</i> Lam. seeds for aqueous solutions treatment containing synthetic dyes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12192-12201.	5.3	28

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73	Activated hydrochar produced from brewer's spent grain and its application in the removal of acetaminophen. <i>Bioresource Technology</i> , 2020, 310, 123399.	9.6	50
74	Simplified synthesis of new GO- $\text{Fe}_2\text{O}_3$ -Sh adsorbent material composed of graphene oxide decorated with iron oxide nanoparticles applied for removing diuron from aqueous medium. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103903.	6.7	19
75	EVALUATION OF THE PRESENCE OF NITRATE AND ITS REMOVAL IN WATERS FROM GROUNDWATER SOURCES IN MARINGÁ-PR. <i>Revista Científica FAEMA</i> , 2020, 10, 84-94.	0.1	0
76	Adsorption study of heavy metals in aqueous solutions aiming at the treatment of contaminated groundwater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1400-1411.	1.7	2
77	Presence of endocrine disrupting chemicals in sanitary landfill leachate, its treatment and degradation by Fenton based processes: A review. <i>Chemical Engineering Research and Design</i> , 2019, 131, 255-267.	5.6	40
78	Green synthesis of copper oxide nanoparticles using Punica granatum leaf extract applied to the removal of methylene blue. <i>Materials Letters</i> , 2019, 257, 126685.	2.6	89
79	Activated carbon impregnation with Ag and Cu composed nanoparticles for Escherichia coli contaminated water treatment. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 2408-2418.	1.7	8
80	Surface water pollution by pharmaceuticals and an alternative of removal by low-cost adsorbents: A review. <i>Chemosphere</i> , 2019, 222, 766-780.	8.2	355
81	Acetaminophen adsorption using a low-cost adsorbent prepared from modified residues of <i>Moringa oleifera</i> Lam. seed husks. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3147-3157.	3.2	71
82	Diclofenac removal from water by adsorption on <i>Moringa oleifera</i> pods and activated carbon: Mechanism, kinetic and equilibrium study. <i>Journal of Cleaner Production</i> , 2019, 219, 809-817.	9.3	107
83	Hybrid treatment of coagulation/flocculation process followed by ultrafiltration in TiO <sub>2</sub> -modified membranes to improve the removal of reactive black 5 dye. <i>Science of the Total Environment</i> , 2019, 664, 222-229.	8.0	155
84	Protein fractionation of <i>Moringa oleifera</i> Lam. seeds and functionalization with magnetic particles for the treatment of reactive black 5 solution. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 2309-2317.	1.7	21
85	Graphene oxide impregnated with iron oxide nanoparticles for the removal of atrazine from the aqueous medium. <i>Separation Science and Technology</i> , 2019, 54, 2653-2670.	2.5	22
86	The use of <i>Moringa oleifera</i> seeds and their fractionated proteins for <i>Microcystis aeruginosa</i> and microcystin-LR removal from water. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1307-1316.	1.7	5
87	Performance of different coagulants in the coagulation/flocculation process of textile wastewater. <i>Journal of Cleaner Production</i> , 2019, 208, 656-665.	9.3	247
88	Development of $\text{Fe}^{2+}$ - and $\text{Fe}^{3+}$ -decorated graphene oxides for glyphosate removal from water. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1118-1137.	2.2	51
89	Potential of the <i>Moringa oleifera</i> saline extract for the treatment of dairy wastewater: application of the response surface methodology. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2290-2299.	2.2	9
90	Inhibition and removal of staphylococcal biofilms using <i>Moringa oleifera</i> Lam. aqueous and saline extracts. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2011-2016.	6.7	14

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91	Evaluation of Magnetic Coagulant ( $\text{Fe-Fe}_2\text{O}_3\text{-MO}$ ) and its Reuse in Textile Wastewater Treatment. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	45
92	Desirability function applied to the optimization of the Photoperoxi-Electrocoagulation process conditions in the treatment of tannery industrial wastewater. <i>Journal of Water Process Engineering</i> , 2018, 23, 207-216.	5.6	21
93	Chick-Watson kinetics of virus inactivation with granular activated carbon modified with silver nanoparticles and/or copper oxide. <i>Chemical Engineering Research and Design</i> , 2018, 117, 33-42.	5.6	29
94	Green synthesis of copper oxide nanoparticles impregnated on activated carbon using <i>Moringa oleifera</i> leaves extract for the removal of nitrates from water. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 2378-2386.	1.7	31
95	Low-cost biosorbent based on <i>Moringa oleifera</i> residues for herbicide atrazine removal in a fixed-bed column. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 1468-1478.	1.7	16
96	Activated carbon of Babassu coconut impregnated with copper nanoparticles by green synthesis for the removal of nitrate in aqueous solution. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1994-2003.	2.2	20
97	Removal of tartrazine from aqueous solutions using adsorbents based on activated carbon and <i>Moringa oleifera</i> seeds. <i>Journal of Cleaner Production</i> , 2018, 171, 85-97.	9.3	131
98	Iron-oxide nanoparticles by the green synthesis method using <i>Moringa oleifera</i> leaf extract for fluoride removal. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2926-2936.	2.2	38
99	<i>Moringa oleifera</i> biomass residue for the removal of pharmaceuticals from water. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7192-7199.	6.7	32
100	Groundwater quality monitoring of the Serra Geral aquifer in Toledo, Brazil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1243-1252.	1.7	4
101	Obtaining drinking water using a magnetic coagulant composed of magnetite nanoparticles functionalized with <i>Moringa oleifera</i> seed extract. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4084-4092.	6.7	54
102	Water decontamination containing nitrate using biosorption with <i>Moringa oleifera</i> in dynamic mode. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21544-21554.	5.3	5
103	<i>Moringa oleifera</i> Lam. and Its Potential Association with Aluminium Sulphate in the Process of Coagulation/Flocculation and Sedimentation of Surface Water. <i>International Journal of Chemical Engineering</i> , 2018, 2018, 1-6.	2.4	11
104	Combined water treatment with extract of natural <i>Moringa oleifera</i> Lam and synthetic coagulant. <i>Revista Ambiente &amp; Água</i> , 2018, 13, 1.	0.3	11
105	Synthesis and Impregnation of Copper Oxide Nanoparticles on Activated Carbon through Green Synthesis for Water Pollutant Removal. <i>Materials Research</i> , 2018, 21, .	1.3	35
106	Study of the involved sorption mechanisms of Cr(VI) and Cr(III) species onto dried <i>Salvinia auriculata</i> biomass. <i>Chemosphere</i> , 2017, 172, 373-383.	8.2	44
107	Environmentally friendly biosorbents (husks, pods and seeds) from <i>Moringa oleifera</i> for Pb(II) removal from contaminated water. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 3145-3155.	2.2	36
108	Protein fractionation of seeds of <i>Moringa oleifera</i> lam and its application in superficial water treatment. <i>Separation and Purification Technology</i> , 2017, 180, 114-124.	7.9	126

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109	Phenomenological mathematical modeling of heavy metal biosorption in fixed-bed columns. <i>Chemical Engineering Journal</i> , 2017, 326, 389-400.	12.7	29
110	Assessment of quinoxifen phototransformation pathways by liquid chromatography coupled to accurate mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2981-2991.	3.7	8
111	Biosorption of binary heavy metal systems: Phenomenological mathematical modeling. <i>Chemical Engineering Journal</i> , 2017, 313, 364-373.	12.7	42
112	Potential effect of chemical and thermal treatment on the Kinetics, equilibrium, and thermodynamic studies for atrazine biosorption by the <i>Moringa oleifera</i> pods. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 961-973.	1.7	32
113	The use of <i>Moringa oleifera</i> as a natural coagulant in surface water treatment. <i>Chemical Engineering Journal</i> , 2017, 313, 226-237.	12.7	162
114	Water treatment with exceptional virus inactivation using activated carbon modified with silver (Ag) and copper oxide (CuO) nanoparticles. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2058-2069.	2.2	45
115	Potential of <i>Salvinia auriculata</i> biomass as biosorbent of the Cr(III): directed chemical treatment, modeling and sorption mechanism study. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1474-1488.	2.2	9
116	Green technologies for cyanobacteria and natural organic matter water treatment using natural based products. <i>Journal of Cleaner Production</i> , 2017, 162, 484-490.	9.3	41
117	Trihalomethanes minimization in drinking water by coagulation/flocculation/sedimentation with natural coagulant <i>Moringa oleifera</i> Lam and activated carbon filtration. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 1277-1284.	1.7	12
118	Groundwater nitrate contamination: Assessment and treatment using <i>Moringa oleifera</i> Lam. seed extract and activated carbon filtration. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 725-732.	1.7	5
119	Synthesis, Characterization and Application of ZrCl <sub>4</sub> -Graphene Composite Supported on Activated Carbon for Efficient Removal of Fluoride to Obtain Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	11
120	Removal of natural organic matter and trihalomethane minimization by coagulation/flocculation/filtration using a natural tannin. <i>Desalination and Water Treatment</i> , 2016, 57, 5406-5415.	1.0	19
121	Development of a magnetic coagulant based on <i>Moringa oleifera</i> seed extract for water treatment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7692-7700.	5.3	64
122	Magnetic MnFe <sub>2</sub> O <sub>4</sub> @ graphene hybrid composite for efficient removal of glyphosate from water. <i>Chemical Engineering Journal</i> , 2016, 295, 391-402.	12.7	234
123	Monolayer-multilayer adsorption phenomenological model: Kinetics, equilibrium and thermodynamics. <i>Chemical Engineering Journal</i> , 2016, 284, 1328-1341.	12.7	136
124	Remoção do herbicida glifosato utilizando carvão ativado impregnado com compostos metálicos de prata e cobre para a melhoria da qualidade da água. <i>Revista Eletrônica Em Gestão Educativa E Tecnologia Ambiental</i> , 2016, 20, 450.	0.0	3
125	Removal of excess fluoride from groundwater using natural coagulant <i>Moringa oleifera</i> Lam and microfiltration. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 37-45.	1.7	18
126	Biodegradability and toxicity assessment of a real textile wastewater effluent treated by an optimized electrocoagulation process. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 496-506.	2.2	31



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127	Optimization of process conditions in water treatment through coagulation diagrams, using <i>Moringa oleifera</i> Lam and aluminium sulphate. <i>Desalination and Water Treatment</i> , 2015, 56, 1787-1792.	1.0	5
128	Coagulation-flocculation process with ultrafiltered saline extract of <i>Moringa oleifera</i> for the treatment of surface water. <i>Chemical Engineering Journal</i> , 2015, 276, 166-173.	12.7	91
129	Improvement of the coagulation/flocculation process using a combination of <i>Moringa oleifera</i> Lam with anionic polymer in water treatment. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1071-1078.	0.784314	10
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