Utilization of agro-industrial and municipal waste mate water treatment—A review

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Citation Report

#	Article	IF	CITATIONS
1	Thermodynamic aspects of the Pb adsorption using Brazilian sawdust samples: Removal of metal ions from battery industry wastewater. Chemical Engineering Journal, 2010, 160, 549-555.	12.7	24
2	Equilibrium biosorption of lead(II) from aqueous solutions by solid waste from olive-oil production. Chemical Engineering Journal, 2010, 160, 615-622.	12.7	89
3	Removal of 4â€chlorophenol from contaminated water using coconut shell waste pretreated with chemical agents. Journal of Chemical Technology and Biotechnology, 2010, 85, 1616-1627.	3.2	61
4	Biosorption performance of surface modified biomass obtained from Pyracantha coccinea for the decolorization of dye contaminated solutions. Chemical Engineering Journal, 2010, 160, 466-472.	12.7	52
5	Application of film-pore diffusion model for methylene blue adsorption onto plant leaf powders. Chemical Engineering Journal, 2010, 163, 236-242.	12.7	69
6	Coconut-based biosorbents for water treatment — A review of the recent literature. Advances in Colloid and Interface Science, 2010, 160, 1-15.	14.7	159
7	Self-Assembled Fabrication of Superparamagnetic Highly Stable Mesoporous Amorphous Iron Oxides. Journal of Physical Chemistry C, 2010, 114, 22493-22501.	3.1	30
8	Oil Palm Biomass–Based Adsorbents for the Removal of Water Pollutants—A Review. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2011, 29, 177-222.	2.9	91
9	Use of <i>Raphanus sativus L.</i> press cake, a solid residue from biodiesel processing, in the production of adsorbents by microwave activation. Environmental Technology (United Kingdom), 2011, 32, 1073-1083.	2.2	15
10	A review of the use of red mud as adsorbent for the removal of toxic pollutants from water and wastewater. Environmental Technology (United Kingdom), 2011, 32, 231-249.	2.2	224
11	Fast detection of methyl tert-butyl ether from water using solid phase microextraction and ion mobility spectrometry. Talanta, 2011, 84, 738-744.	5.5	22
12	Potential utilization of Jatropha curcas L. press-cake residue as new precursor for activated carbon preparation: Application in methylene blue removal from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 826-836.	5.3	47
13	Nonpoint Source Pollution, Environmental Quality, and Ecosystem Health in China: Introduction to the Special Section. Journal of Environmental Quality, 2011, 40, 1685-1694.	2.0	15
14	Sorption potential of modified nanocrystals for the removal of aromatic organic pollutant from aqueous solution. Industrial Crops and Products, 2011, 33, 350-357.	5.2	48
15	Removal of textile dyes from aqueous solution by babassu coconut epicarp (Orbignya speciosa). Chemical Engineering Journal, 2011, 173, 334-340.	12.7	71
16	Preparation of novel spherical PVA/ATP composites with macroreticular structure and their adsorption behavior for methylene blue and lead in aqueous solution. Chemical Engineering Journal, 2011, 173, 446-455.	12.7	24
17	Phenol removal from aqueous solution by activated carbon produced from avocado kernel seeds. Chemical Engineering Journal, 2011, 174, 49-57.	12.7	140
18	Copper and nitrophenol removal by low cost alginate/Mauritanian clay composite beads. Chemical Engineering Journal, 2011, 178, 168-174.	12.7	73

#	Article	IF	CITATIONS
19	An overview of the methods used in the characterisation of natural organic matter (NOM) in relation to drinking water treatment. Chemosphere, 2011, 83, 1431-1442.	8.2	549
20	Development of a non-conventional sorbent from fly ash and its potential use in acid wastewater neutralization and heavy metal removal. Chemical Engineering Journal, 2011, 166, 896-905.	12.7	18
21	Synthesis and characterization of a series of chelating resins containing amino/imino-carboxyl groups and their adsorption behavior for lead in aqueous phase. Chemical Engineering Journal, 2011, 168, 115-124.	12.7	54
22	Alternative Low-cost Adsorbent for Water and Wastewater Decontamination Derived from Eggshell Waste: An Overview. Waste and Biomass Valorization, 2011, 2, 157-167.	3.4	106
23	Drug Delivery Formulations of Ordered and Nonordered Mesoporous Silica: Comparison of Three Drug Loading Methods. Journal of Pharmaceutical Sciences, 2011, 100, 3294-3306.	3.3	144
24	Selective Adsorption of Phenol and Nitrobenzene by β-Cyclodextrin-Intercalated Layered Double Hydroxide: Equilibrium and Kinetic Study. Chemical Engineering and Technology, 2011, 34, 1559-1566.	1.5	23
25	Slow-release nitrogen and boron fertilizer from a functional superabsorbent formulation based on wheat straw and attapulgite. Chemical Engineering Journal, 2011, 167, 342-348.	12.7	156
26	A review of emerging adsorbents for nitrate removal from water. Chemical Engineering Journal, 2011, 168, 493-504.	12.7	627
27	Preparation of waste tea activated carbon using potassium acetate as an activating agent for adsorption of Acid Blue 25 dye. Chemical Engineering Journal, 2011, 171, 502-509.	12.7	248
28	Evaluation of cassava peel waste as lowcost biosorbent for Ni-sorption: Equilibrium, kinetics, thermodynamics and mechanism. Chemical Engineering Journal, 2011, 172, 158-166.	12.7	78
29	Removal of methylene blue and crystal violet from aqueous solutions by palm kernel fiber. Desalination, 2011, 272, 225-232.	8.2	298
30	Application of Response Surface Methodology for preparation of low-cost adsorbent from citrus fruit peel and for removal of Methylene Blue. Desalination, 2011, 275, 26-36.	8.2	137
31	Feasibility study on an oxidant-injected permeable reactive barrier to treat BTEX contamination: Adsorptive and catalytic characteristics of waste-reclaimed adsorbent. Journal of Hazardous Materials, 2011, 191, 19-25.	12.4	24
32	Adsorptive behaviour of mercury on algal biomass: Competition with divalent cations and organic compounds. Journal of Hazardous Materials, 2011, 192, 284-91.	12.4	36
33	Utilization of poly/chitosan as membrane for wastewater treatment. , 2011, , .		2
34	Adsorption of congo red using ethylenediamine modified wheat straw. Desalination and Water Treatment, 2011, 30, 195-206.	1.0	40
35	Kinetics Study of Copper (II) Adsorption from Solution by Wheat Husk. Advanced Materials Research, 2011, 391-392, 404-408.	0.3	1
36	Adsorption of Neutral Red from Solution by Bio-Chars Produced from Pyrolysis of Wheat Straw. Advanced Materials Research, 0, 322, 72-76.	0.3	6

#	Article	IF	CITATIONS
37	Zinc chloride-activated jatropha husk carbon for removal of phenol from water by adsorption: equilibrium and kinetic studies. Toxicological and Environmental Chemistry, 2011, 93, 1111-1122.	1.2	9
38	Adsorption of Copper (II) from Solution by Wheat Husk in Batch Mode. Advanced Materials Research, 2011, 393-395, 1093-1097.	0.3	0
39	The performance of starch microspheres treating wastewater. , 2011, , .		1
40	Analysis and comparison of inertinite-derived adsorbent with conventional adsorbents. Journal of the Air and Waste Management Association, 2012, 62, 489-499.	1.9	1
41	Enhanced photocatalytic reduction of aqueous Pb(II) over Ag loaded TiO ₂ with formic acid as hole scavenger. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 327-336.	1.7	8
42	Emerging Compounds Removal from Wastewater. Springer Briefs in Molecular Science, 2012, , .	0.1	35
43	Technical Aspects of Adsorption Process onto an Innovative Eggshell-Derived Low-Cost Adsorbent. Materials Science Forum, 2012, 730-732, 648-652.	0.3	3
44	Production of Activated Carbon from Cocoa (Theobroma cacao) Pod Husk. Journal of Civil & Environmental Engineering, 2012, 02, .	0.1	50
45	Environmental Protection Strategies: An Overview. , 2012, , 1-34.		4
46	Photocatalytic degradation of supra black-T dye on charcoal under sunlight. International Journal of Environmental Technology and Management, 2012, 15, 208.	0.2	0
47	Equilibrium, kinetic, and thermodynamic studies of Basic Blue 9 dye sorption on agro-industrial lignocellulosic materials. Open Chemistry, 2012, 10, 1913-1926.	1.9	6
48	Microbial decolouration of azo dyes: A review. Process Biochemistry, 2012, 47, 1723-1748.	3.7	691
49	Synthesis of iron composites on nano-pore substrates: Identification and its application to removal of cyanide. Chemosphere, 2012, 89, 1450-1456.	8.2	13
50	Phenol adsorption by charred sawdust of sheesham (Indian rosewood; Dalbergia sissoo) from single, binary and ternary contaminated solutions. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 926-933.	5.3	27
51	INVESTIGATION OF SORPTION PROPERTIES IN CRUSHED AUTOCLAVED AERATED CONCRETE WASTE SMULKINT, AUTOKLAVINIO AKYTOJO BETONO ATLIEKŲ SORBCINIŲ SAVYBIŲ TYRIMAI / Ð~СпЛЕДОВÐÐÐ~Е СОÐ Engineering and Landscape Management, 2012, 20, 67-75.	å² БÐ.þÐ⁻Đž	ÐÐÐЫХÐiŧ
52	Linear and Nonlinear Modeling for Predicting Nickel Removal from Aqueous Solutions. Environmental Engineering Science, 2012, 29, 765-775.	1.6	8
53	Preparation, properties and applications of polysaccharide nanocrystals in advanced functional nanomaterials: a review. Nanoscale, 2012, 4, 3274.	5.6	768
54	Uranium (VI) sorption by multiwalled carbon nanotubes from aqueous solution. Applied Surface Science, 2012, 259, 433-440.	6.1	129

#	Article	IF	CITATIONS
55	Preliminary assessment of the performance of oyster shells and chitin materials as adsorbents in the removal of saxitoxin in aqueous solutions. Chemistry Central Journal, 2012, 6, 86.	2.6	12
56	A sustainable approach to controlling oil spills. Journal of Environmental Management, 2012, 113, 213-227.	7.8	329
57	Removal of Emerging Contaminants from Water and Wastewater by Adsorption Process. Springer Briefs in Molecular Science, 2012, , 15-37.	0.1	144
58	Adsorption of heavy metals on kaolinite and montmorillonite: a review. Physical Chemistry Chemical Physics, 2012, 14, 6698.	2.8	236
59	New Environment-Friendly Use of Wheat Straw in Slow-Release Fertilizer Formulations with the Function of Superabsorbent. Industrial & Engineering Chemistry Research, 2012, 51, 3855-3862.	3.7	73
60	Utilization of Wheat Straw for the Preparation of Coated Controlled-Release Fertilizer with the Function of Water Retention. Journal of Agricultural and Food Chemistry, 2012, 60, 6921-6928.	5.2	81
61	Polyelectrolyte-Promoted Forward Osmosis–Membrane Distillation (FO–MD) Hybrid Process for Dye Wastewater Treatment. Environmental Science & Technology, 2012, 46, 6236-6243.	10.0	224
62	Comparison of Dimethyl Disulfide and Carbon Disulfide in Sulfurization of Activated Carbons for Producing Mercury Adsorbents. Industrial & Engineering Chemistry Research, 2012, 51, 12046-12057.	3.7	34
63	Adsorption study on orange peel: Removal of Ni(II) ions from aqueous solution. African Journal of Biotechnology, 2012, 11, .	0.6	21
64	Characterization and use of in natura and calcined rice husks for biosorption of heavy metals ions from aqueous effluents. Brazilian Journal of Chemical Engineering, 2012, 29, 619-634.	1.3	51
65	Screening of agricultural waste for Ni(II) adsorption: Kinetics, equilibrium and thermodynamic studies. International Journal of Physical Sciences, 2012, 7, .	0.4	3
66	Metal ion adsorption behavior of lignocellulosic fiber–ethylene vinyl acetate composites. Polymer Engineering and Science, 2012, 52, 760-767.	3.1	5
67	Lentil Straw: A Novel Adsorbent for Removing of Hazardous Dye – Sorption Behavior Studies. Clean - Soil, Air, Water, 2012, 40, 515-522.	1.1	7
68	The use of date palm as a potential adsorbent for wastewater treatment: a review. Environmental Science and Pollution Research, 2012, 19, 1464-1484.	5.3	183
69	The evaluation of lowâ€cost biosorbents for removal of an azo dye from aqueous solution. Water and Environment Journal, 2012, 26, 399-404.	2.2	16
70	Lepidocrocite and its heat-treated forms as effective arsenic adsorbents in aqueous medium. Chemical Engineering Journal, 2012, 180, 159-169.	12.7	58
71	Application of Response Surface Methodology for Methylene Blue dye removal from aqueous solution using low cost adsorbent. Chemical Engineering Journal, 2012, 181-182, 289-299.	12.7	185
72	Lactic acid production by alkaline hydrothermal treatment of corn cobs. Chemical Engineering Journal, 2012, 181-182, 655-660.	12.7	77

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73	Adsorption of acid orange II dye by raw and chemically modified brown macroalga Stoechospermum marginatum. Chemical Engineering Journal, 2012, 192, 67-76.	12.7	177
74	Removal of diclofenac sodium from aqueous solution by Isabel grape bagasse. Chemical Engineering Journal, 2012, 192, 114-121.	12.7	194
75	Characterization of red mud granular adsorbent (RMGA) and its performance on phosphate removal from aqueous solution. Chemical Engineering Journal, 2012, 193-194, 161-168.	12.7	71
76	Effects of pyrolysis conditions on the porous structure development of date pits activated carbon. Journal of Analytical and Applied Pyrolysis, 2012, 94, 215-222.	5.5	98
77	Application of hydrophobic silica based aerogels and xerogels for removal of toxic organic compounds from aqueous solutions. Journal of Colloid and Interface Science, 2012, 380, 134-140.	9.4	109
78	Preparation and N2, CO2 and H2 adsorption of super activated carbon derived from biomass source hemp (Cannabis sativa L.) stem. Microporous and Mesoporous Materials, 2012, 158, 108-116.	4.4	112
79	Utilization of agro-industrial waste Jatropha curcas pods as an activated carbon for the adsorption of reactive dye Remazol Brilliant Blue R (RBBR). Journal of Cleaner Production, 2012, 22, 67-75.	9.3	183
80	Adsorption of Cu(II) ions from aqueous solutions on biochars prepared from agricultural by-products. Journal of Environmental Management, 2012, 96, 35-42.	7.8	280
81	The use of an agricultural waste material, Jujuba seeds for the removal of anionic dye (Congo red) from aqueous medium. Journal of Hazardous Materials, 2012, 203-204, 118-127.	12.4	238
82	Removal of phosphorus by a composite metal oxide adsorbent derived from manganese ore tailings. Journal of Hazardous Materials, 2012, 217-218, 29-35.	12.4	61
83	Biosorption and bioaccumulation studies of acid Orange 7 dye by <i>Ceratophylum demersum</i> . Environmental Progress and Sustainable Energy, 2013, 32, 285-293.	2.3	12
84	Characterization of iron impregnated polyacrylamide catalyst and its application to the treatment of municipal wastewater. RSC Advances, 2013, 3, 15044.	3.6	48
85	Adsorptive properties of sulfolignin–polyacrylamide graft copolymer for lead and uranium: Effect of hydroxilamine–hydrochloride treatment. Reactive and Functional Polymers, 2013, 73, 73-82.	4.1	26
86	Adsorption isotherms, kinetics and mechanism for the adsorption of cationic and anionic dyes onto carbonaceous particles prepared from Juglans regia shell biomass. International Journal of Environmental Science and Technology, 2013, 10, 231-242.	3.5	285
87	Novel magnetic beads based on sodium alginate gel crosslinked by zirconium(IV) and their effective removal for Pb2+ in aqueous solutions by using a batch and continuous systems. Bioresource Technology, 2013, 142, 611-619.	9.6	142
88	Investigation on the Selective Adsorption of Mo(VI) by Using Modified Rice Husk and Corn Straw. Waste and Biomass Valorization, 2013, 4, 385-393.	3.4	6
89	EDTA functionalized silica for removal of Cu(II), Zn(II) and Ni(II) from aqueous solution. Journal of Colloid and Interface Science, 2013, 408, 200-205.	9.4	90
90	Xenobiotics removal by adsorption in the context of tertiary treatment: a mini review. Environmental Science and Pollution Research, 2013, 20, 5085-5095.	5.3	23

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91	Adsorption behavior of hydrothermally treated municipal sludge & pulp and paper industry sludge. Bioresource Technology, 2013, 147, 71-76.	9.6	82
92	A Comparison Between a Low-Cost Sorbent and an Activated Carbon for the Adsorption of Heavy Metals from Water. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	43
93	Adsorption behavior of light green anionic dye using cationic surfactant-modified wheat straw in batch and column mode. Environmental Science and Pollution Research, 2013, 20, 5558-5568.	5.3	58
94	Adsorption of Direct Blend Yellow D-3RNL onto bamboo-base activated carbon: optimization, kinetics, and isotherm. Desalination and Water Treatment, 2013, 51, 5792-5804.	1.0	3
95	Evaluation of Adsorption Kinetics and Equilibrium for the Removal of Benzene by Modified Diatomite. Chemical Engineering and Technology, 2013, 36, 1713-1720.	1.5	31
96	Recovery of Ammonium onto Wheat Straw To Be Reused as a Slow-Release Fertilizer. Journal of Agricultural and Food Chemistry, 2013, 61, 3382-3388.	5.2	31
97	Contribution of tertiary amino groups to Re(VII) biosorption on modified corn stalk: Competitiveness and regularity. Bioresource Technology, 2013, 133, 546-554.	9.6	64
98	Kinetic and equilibrium study for cadmium and copper removal from aqueous solutions by sorption onto mixed alginate/pectin gel beads. Journal of Environmental Chemical Engineering, 2013, 1, 1252-1260.	6.7	44
99	Application of magnetic chitosan composites for the removal of toxic metal and dyes from aqueous solutions. Advances in Colloid and Interface Science, 2013, 201-202, 68-93.	14.7	543
100	Kinetic and equilibrium studies of cesium-137 adsorption on olive waste from aqueous solutions. Radiochemistry, 2013, 55, 497-504.	0.7	7
101	Removal of Metals and Acidity from Acid Mine Drainage Using Liquid and Dried Digested Sewage Sludge and Cattle Slurry. Mine Water and the Environment, 2013, 32, 108-120.	2.0	13
102	Adsorption of Cd(II) and Pb(II) by a novel EGTA-modified chitosan material: Kinetics and isotherms. Journal of Colloid and Interface Science, 2013, 409, 174-182.	9.4	178
103	A comparison on efficiency of virgin and sulfurized agro-based adsorbents for mercury removal from aqueous systems. Adsorption, 2013, 19, 189-200.	3.0	18
104	Demineralization of sludgeâ€based adsorbent by postâ€washing for development of porosity and removal of dyes. Journal of Chemical Technology and Biotechnology, 2013, 88, 1473-1480.	3.2	15
105	A novel conversion process for waste slag: synthesis of calcium silicate hydrate from blast furnace slag and its application as a versatile adsorbent for water purification. Journal of Materials Chemistry A, 2013, 1, 7199.	10.3	72
106	Furfural production from corn cobs autohydrolysis liquors by microwave technology. Industrial Crops and Products, 2013, 42, 513-519.	5.2	77
107	Effect of chemical extractants on the biosorptive properties of pine cone powder: Influence on lead(II) removal mechanism. Journal of Saudi Chemical Society, 2013, 17, 77-86.	5.2	32
108	Solid-state fermentation: tool for bioremediation of adsorbed textile dyestuff on distillery industry waste-yeast biomass using isolated Bacillus cereus strain EBT1. Environmental Science and Pollution Research, 2013, 20, 1009-1020.	5.3	55

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109	Removal of arsenic(III) from aqueous solution using a low-cost by-product in Fe-removal plants—Fe-based backwashing sludge. Chemical Engineering Journal, 2013, 226, 393-401.	12.7	57
110	Effect of heating processes on <i>Salvadora persica</i> (Miswak) and its application for removal and determination of aniline blue from wastewater. Journal of Taibah University for Science, 2013, 7, 26-34.	2.5	19
111	Removal of Cu2+ from Aqueous Solutions Using Na-A Zeolite from Oil Shale Ash. Chinese Journal of Chemical Engineering, 2013, 21, 974-982.	3.5	28
112	Cationic polymer-immobilized polysulfone-based fibers as high performance sorbents for Pt(IV) recovery from acidic solutions. Journal of Hazardous Materials, 2013, 263, 391-397.	12.4	45
113	Nondestructive characterization of the contaminated biodegradable fraction of municipal solid waste using synchrotron radiation-induced micro-X-ray fluorescence. Bioresource Technology, 2013, 132, 239-243.	9.6	3
114	Decarboxylated polyethylenimine-modified bacterial biosorbent for Ru biosorption from Ru-bearing acetic acid wastewater. Chemical Engineering Journal, 2013, 230, 303-307.	12.7	22
115	Adsorption Behavior of Basic Red 46 by Single-Walled Carbon Nanotubes Surfaces. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 286-301.	2.1	66
116	The use of low-cost adsorbents for wastewater purification in mining industries. Environmental Science and Pollution Research, 2013, 20, 7878-7899.	5.3	90
117	The effect of chemical activation method on properties of activated carbons obtained from pine cones. Open Chemistry, 2013, 11, 78-85.	1.9	15
119	Fabrication of cyclodextrin-templated mesoporous silica for improved dissolution of carbamazepine. Drug Delivery and Translational Research, 2013, 3, 235-242.	5.8	3
120	An Insight Into the Production, Characterization, and Mechanisms of Action of Low-Cost Adsorbents for Removal of Organics From Aqueous Solution. Critical Reviews in Environmental Science and Technology, 2013, 43, 443-549.	12.8	37
121	Nickel recovery/removal from industrial wastes: A review. Resources, Conservation and Recycling, 2013, 73, 229-238.	10.8	237
122	Removal of heavy metals from aqueous solutions by succinic anhydride modified mercerized nanocellulose. Chemical Engineering Journal, 2013, 223, 40-47.	12.7	267
123	Removal of Disperse Red dye by bamboo-based activated carbon: optimisation, kinetics and equilibrium. Environmental Science and Pollution Research, 2013, 20, 4635-4646.	5.3	29
124	DBSA doped polyaniline/multi-walled carbon nanotubes composite for high efficiency removal of Cr(VI) from aqueous solution. Chemical Engineering Journal, 2013, 228, 748-755.	12.7	122
125	Biosorption of Congo red and Indigo carmine by nonviable biomass of a new <i>Dietzia</i> strain isolated from the effluent of a textile industry. Desalination and Water Treatment, 2013, 51, 5840-5847.	1.0	15
126	Gasification of Granulated Scrap Tires for the Production of Syngas and a Low-Cost Adsorbent for Cd(II) Removal from Wastewaters. Industrial & Engineering Chemistry Research, 2013, 52, 12154-12160.	3.7	49
127	Sustainable waste management by production of activated carbon from agroforestry residues. South African Journal of Science, 2013, 109, 6.	0.7	13

#	Article	IF	CITATIONS
128	Synthesis and Swelling Behaviors of Wheat Straw Cellulose-g-Poly (Potassium Acrylate)/PDMDAAC Amphoteric Semi-IPNs Superabsorbent Resin. Advanced Materials Research, 2013, 750-752, 1415-1419.	0.3	0
129	Characterization of Nanoporous Ceramic Granules Made with Coal Fly Ash and Their Utilization in Phenol Removal from Water. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	2
130	Decontamination of Wastewaters Containing Synthetic Organic Dyes by Electrochemical Methods: A Review. Advanced Materials Research, 0, 788, 405-408.	0.3	12
131	Discoloration of Indigo Carmine Using Aqueous Extracts from Vegetables and Vegetable Residues as Enzyme Sources. BioMed Research International, 2013, 2013, 1-6.	1.9	5
132	Progress of Graphene-Based Composites for Adsorption of Pollutants in Wastewater. Applied Mechanics and Materials, 2013, 455, 7-10.	0.2	3
133	Preparation and Characterization of Magnetically Responsive Biosorbents from Coffee Industry Residues. Applied Mechanics and Materials, 0, 394, 3-7.	0.2	7
134	Removal of Methylene Blue from Aqueous Solution by Adsorption on Low-Grade Green Coffee Beans. Advanced Materials Research, 0, 800, 72-76.	0.3	1
135	Adsorption Behaviors of Arsenic(V) onto Fe-Based Backwashing Sludge Produced from Fe(II)-Removal Plants. Applied Mechanics and Materials, 2013, 295-298, 1321-1326.	0.2	4
136	Dye adsorption using biomass wastes and natural adsorbents: overview and future prospects. Desalination and Water Treatment, 0, , 1-24.	1.0	26
137	Physico-mechanic treatment of nixtamalization by-product (nejayote). CYTA - Journal of Food, 2013, 11, 75-83.	1.9	15
138	Granulation of Boehmite without a Binder and its Capacity for Phosphate Adsorption in Aqueous Solution. Journal of Water and Environment Technology, 2013, 11, 225-234.	0.7	2
139	Studies on usage of acrylamide copolymers for textile effluent treatment. Journal of Applied Polymer Science, 2013, 129, 2536-2543.	2.6	2
140	A tecnologia de remoção de fósforo: gerenciamento do elemento em resÃduos industriais. Revista Ambiente & Ãgua, 2014, 9, .	0.3	11
141	Preparation and Phosphine Adsorption of Activated Carbon Prepared from Walnut Shells by KOH Chemical Activation. Separation Science and Technology, 2014, 49, 2366-2375.	2.5	25
142	Adsorption of azo dyes using peanut hull and orange peel: a comparative study. Environmental Technology (United Kingdom), 2014, 35, 1436-1453.	2.2	48
143	Recycling Biomass Waste to Compost. Springer Proceedings in Energy, 2014, , 229-241.	0.3	1
144	Waste Material Adsorbents for Zinc Removal from Wastewater: A Comprehensive Review. International Journal of Chemical Engineering, 2014, 2014, 1-13.	2.4	90
145	Antioxidant Activity and HPLC Analysis of Gallic Acid Phenolic Compound from Nephelium Lappaceum Leaves. Applied Mechanics and Materials, 0, 625, 15-18.	0.2	2

#	Article	IF	CITATIONS
146	Rice Husk Ash Impregnated with Silver Nanoparticles for Water Purification. Materials Science Forum, 2014, 798-799, 727-731.	0.3	3
147	Materials in renewable energy technologies: Use of Chitosan based-materials for water treatment. , 2014, , .		Ο
148	Renewable Coconut Shell Activated Carbon Based for Ethyl Orange Dye Removal. Applied Mechanics and Materials, 0, 695, 306-309.	0.2	3
149	Arsenate adsorption onto iron oxide amended rice husk char. Science of the Total Environment, 2014, 488-489, 554-561.	8.0	96
150	Adsorption of anionic dye on magnesium hydroxide-coated pyrolytic bio-char and reuse by microwave irradiation. International Journal of Environmental Science and Technology, 2014, 11, 1439-1448.	3.5	44
151	Biogenic silver nanoparticles on carbonaceous material from sewage sludge for degradation of methylene blue in aqueous solution. International Journal of Environmental Science and Technology, 2014, 11, 977-986.	3.5	17
152	Study of different post-hydrolysis methods to improve hemicellulosic monomers extraction. Biomass Conversion and Biorefinery, 2014, 4, 249-258.	4.6	2
153	Oxyhumolite influence on adsorption and desorption of phosphate on blast furnace slag in the process of two-stage selective adsorption of Cu(II) and phosphate. Chemical Papers, 2014, 68, .	2.2	4
154	Simultaneous Removal of Endocrine Disruptors from a Wastewater Using White Rot Fungi and Various Adsorbents. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	25
155	Microalgae-based agro-industrial wastewater treatment: a preliminary screening of biodegradability. Journal of Applied Phycology, 2014, 26, 2335-2345.	2.8	106
156	Treatment of wastewater by electrocoagulation: a review. Environmental Science and Pollution Research, 2014, 21, 2397-2413.	5.3	299
157	Potential of biological materials for removing heavy metals from wastewater. Environmental Science and Pollution Research, 2014, 21, 1614-1627.	5.3	61
158	Study of adsorption of phenol on activated carbons obtained from eggshells. Journal of Analytical and Applied Pyrolysis, 2014, 106, 41-47.	5.5	70
159	Relevance of isotherm models in biosorption of pollutants by agricultural byproducts. Journal of Environmental Chemical Engineering, 2014, 2, 398-414.	6.7	356
160	Preparation of a new chitosan-based material and its application for mercury sorption. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 446, 224-232.	4.7	48
161	Adsorption of Ni(II), Cu(II) and Cd(II) from aqueous solutions by amino modified nanostructured microfibrillated cellulose. Cellulose, 2014, 21, 1471-1487.	4.9	209
162	Adsorption of Cu(II) and Ni(II) using a Novel Xanthated Carboxymethyl Chitosan. Separation Science and Technology, 2014, 49, 1235-1243.	2.5	21
163	Typical lignocellulosic wastes and by-products for biosorption process in water and wastewater treatment: A critical review. Bioresource Technology, 2014, 160, 57-66.	9.6	366

#	Article	IF	CITATIONS
164	Marine macroalgae Pelvetia canaliculata (Phaeophyceae) as a natural cation exchanger for cadmium and lead ions separation in aqueous solutions. Chemical Engineering Journal, 2014, 242, 294-305.	12.7	54
165	Novel Covalently Cross-Linked Attapulgite/Poly(acrylic acid- <i>co</i> -acrylamide) Hybrid Hydrogels by Inverse Suspension Polymerization: Synthesis Optimization and Evaluation as Adsorbents for Toxic Heavy Metals. Industrial & Engineering Chemistry Research, 2014, 53, 4277-4285.	3.7	48
166	Application of poly(acrlymideâ€ <i>co</i> â€sodium methacrylate) hydrogels in copper and cadmium removal from aqueous solution. Environmental Progress and Sustainable Energy, 2014, 33, 824-834.	2.3	17
167	Removal of cationic and anionic azo dyes from aqueous solutions by adsorption on maize stem tissue. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1700-1708.	5.3	85
168	Valorization of solid waste products from olive oil industry as potential adsorbents for water pollution control—a review. Environmental Science and Pollution Research, 2014, 21, 268-298.	5.3	80
169	<i>Punica granatum</i> Shell Preparation, Characterization, and Use for Crystal Violet Removal from Aqueous Solution. Clean - Soil, Air, Water, 2014, 42, 939-946.	1.1	29
170	Removal of Phosphate and Fluoride from Industrial Wastewater – A Short Review. Applied Mechanics and Materials, 0, 625, 805-808.	0.2	8
171	Reduction of COD in water-based paint wastewater using three types of activated carbon. Desalination and Water Treatment, 2014, 52, 2975-2986.	1.0	16
172	Preparation and characterization of bio-safe activated charcoal derived from coffee waste residue and its application for removal of lead and copper ions. RSC Advances, 2014, 4, 38839.	3.6	45
173	Adsorption of Congo red from aqueous solutions using cationic surfactant modified wheat straw in batch mode: Kinetic and equilibrium study. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 2578-2583.	5.3	116
174	Preparation of Wheat Straw Matrix- <i>g</i> -Polyacrylonitrile-Based Adsorbent by SET-LRP and Its Applications for Heavy Metal Ion Removal. ACS Sustainable Chemistry and Engineering, 2014, 2, 1843-1848.	6.7	28
175	Removal of dyes by lignocellulose adsorbents originating from biodiesel production. Journal of Environmental Chemical Engineering, 2014, 2, 2199-2210.	6.7	23
176	A review on catalytic applications of Au/TiO2 nanoparticles in the removal of water pollutant. Chemosphere, 2014, 107, 163-174.	8.2	271
177	Treatment of dilute methylene blue-containing wastewater by coupling sawdust adsorption and electrochemical regeneration. Environmental Science and Pollution Research, 2014, 21, 8565-8572.	5.3	14
178	Extraction of Co(II) ions from aqueous solutions with thermally activated dolomite. Russian Journal of Applied Chemistry, 2014, 87, 270-275.	0.5	23
179	Adsorption of metal ions by clays and inorganic solids. RSC Advances, 2014, 4, 28537-28586.	3.6	101
180	Chemically activated carbon residue from biomass gasification as a sorbent for iron(II), copper(II) and nickel(II) ions. Journal of Water Process Engineering, 2014, 4, 12-24.	5.6	74
181	Biosorptive removal of Cu(II), Ni(II) and Pb(II) ions from aqueous solutions using coconut dregs residue: Adsorption and characterisation studies. Journal of Environmental Chemical Engineering, 2014. 2, 1912-1919.	6.7	77

#	ARTICLE	IF	CITATIONS
 182	Adsorption of Congo red from solution using cationic surfactant modified wheat straw in column model Journal of Environmental Chemical Engineering, 2014, 2, 40-45	6.7	61
183	Enclosed tubular and open algal–bacterial biofilm photobioreactors for carbon and nutrient removal from domestic wastewater. Ecological Engineering, 2014, 67, 156-164.	3.6	86
184	Adsorption capacity of iron oxyhydroxide-coated brick for cationic metals and nature of ion–surface interactions. Applied Clay Science, 2014, 90, 141-149.	5.2	20
185	Interaction of anionic pollutants with Al-based adsorbents in aqueous media – A review. Chemical Engineering Journal, 2014, 241, 443-456.	12.7	99
186	The potential of chemical industrial and academic wastes as a source of supported photocatalysts. Journal of Molecular Catalysis A, 2014, 393, 125-133.	4.8	25
187	Dissolved organic matter removal by magnetic anion exchange resin and released ion elimination by electrolysis. Chemical Engineering Journal, 2014, 253, 237-242.	12.7	22
189	Batch studies on the adsorption of Cr, Cd and Pb ions from industrial wastewater using raffia palm seeds activated carbon. International Journal of Environmental Engineering, 2015, 7, 275.	0.1	1
190	Activated Carbon from Honeydew Rind as an Adsorbent in Zinc Removal from Aqueous Solutions. Applied Mechanics and Materials, 0, 773-774, 1246-1250.	0.2	0
191	Metal Ion Removal from Wastewaters by Sorption on Activated Carbon, Cement Kiln Dust, and Sawdust. Water Environment Research, 2015, 87, 506-515.	2.7	13
192	Surfactant-coated Tea Waste: Preparation, Characterization and its Application for Methylene Blue Adsorption from Aqueous Solution. , 2015, 05, .		6
193	Adsorption of Cr(VI) from Aqueous Solution onto a Mesoporous Carbonaceous Material Prepared from Naturally Occurring Pongamia pinnata Seeds. , 2015, 05, .		4
194	Chemical characterization of agroforestry solid residues aiming its utilization as adsorbents for metals in water. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 77-83.	1.1	15
195	Raw Materials Synthesis from Heavy Metal Industry Effluents with Bioremediation and Phytomining: A Biomimetic Resource Management Approach. Advances in Materials Science and Engineering, 2015, 2015, 1-21.	1.8	29
197	Fe@C core–shell and Fe@C yolk–shell particles for effective removal of 4-chlorophenol. Journal of Materials Chemistry A, 2015, 3, 3988-3994.	10.3	44
198	Assessment of the banana pseudostem as a low-cost biosorbent for the removal of reactive blue 5G dye. Environmental Technology (United Kingdom), 2015, 36, 2892-2902.	2.2	27
199	Adsorptive remediation of hexavalent chromium from synthetic wastewater by a natural and ZnCl2 activated Sterculia guttata shell. Journal of Molecular Liquids, 2015, 207, 39-49.	4.9	125
200	Dynamic studies on carbon dioxide capture using lignocellulosic based activated carbons. Adsorption, 2015, 21, 633-643.	3.0	10
201	Graphene oxide-based polymeric membranes for broad water pollutant removal. RSC Advances, 2015, 5, 100651-100662.	3.6	39

#	Article	IF	CITATIONS
202	Oil spill removal from water by using corn stalk: factors affecting sorption process. International Journal of Environment and Waste Management, 2015, 16, 281.	0.3	12
203	Surface characteristics of the iron-oxyhydroxide layer formed during brick coatings by ESEM/EDS, 23Na and 1H MAS NMR, and ToF-SIMS. Materials Chemistry and Physics, 2015, 165, 215-226.	4.0	5
204	Copper (II) ions adsorption from aqueous solutions using electrospun chitosan/peo nanofibres: Effects of process variables and process optimization. Journal of Water Process Engineering, 2015, 7, 295-305.	5.6	31
205	Adsorption of atrazine on hemp stem-based activated carbons with different surface chemistry. Adsorption, 2015, 21, 489-498.	3.0	42
206	Modeling of single and competitive adsorption of cadmium and zinc onto activated carbon. Adsorption, 2015, 21, 611-621.	3.0	40
207	Cu(II), Pb(II) and Cd(II) sorption on different layered double hydroxides. A kinetic and thermodynamic study and competing factors. Chemical Engineering Journal, 2015, 269, 221-228.	12.7	120
208	Agricultural waste peels as versatile biomass for water purification – A review. Chemical Engineering Journal, 2015, 270, 244-271.	12.7	582
209	Removal of toluidine blue from aqueous solution using orange peel waste (OPW). Desalination and Water Treatment, 2015, 56, 2754-2765.	1.0	7
210	Development of sludge-based adsorbents: Preparation, characterization, utilization and its feasibility assessment. Journal of Environmental Management, 2015, 151, 221-232.	7.8	130
211	Removal of methylene blue onto mineral matrices. Desalination and Water Treatment, 2015, 56, 2773-2780.	1.0	15
212	Physicochemical Treatment of Distillery Wastewater—A Review. Chemical Engineering Communications, 2015, 202, 1098-1117.	2.6	58
213	Adsorption Characteristics of Bisphenol A onto Low-Cost Modified Phyto-Waste Material in Aqueous Solution. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	58
214	Effect of novel sludge and coal cinder ceramic media in combined anaerobic–aerobic bio-filter for tetracycline wastewater treatment at low temperature. Chemical Engineering Journal, 2015, 277, 130-139.	12.7	34
215	Modeling mono- and multi-component adsorption of cobalt(II), copper(II), and nickel(II) metal ions from aqueous solution onto a new carboxylated sugarcane bagasse. Part I: Batch adsorption study. Industrial Crops and Products, 2015, 74, 357-371.	5.2	89
216	Removal of zinc and lead from aqueous solution by nanostructured cedar leaf ash as biosorbent. Journal of Molecular Liquids, 2015, 211, 448-456.	4.9	97
217	Cempedak durian as a potential biosorbent for the removal of Brilliant Green dye from aqueous solution: equilibrium, thermodynamics and kinetics studies. Environmental Monitoring and Assessment, 2015, 187, 546.	2.7	24
218	Iron impregnated carbon materials with improved physicochemical characteristics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 201, 1-12.	3.5	16
219	Removal of noxious dye—Acid Orange 7 from aqueous solution using natural pumice and Fe-coated pumice stone. Journal of Industrial and Engineering Chemistry, 2015, 31, 124-131.	5.8	47

#	Article	IF	CITATIONS
220	Preparation of cationic starch microspheres and study on their absorption to anionic-type substance. Water Science and Technology, 2015, 71, 1545-1553.	2.5	6
221	Biosorption of copper(II) ions by flax meal: Empirical modeling and process optimization by response surface methodology (RSM) and artificial neural network (ANN) simulation. Ecological Engineering, 2015, 83, 364-379.	3.6	103
222	Removal of methyl orange and bromophenol blue dyes from aqueous solution using Sorel's cement nanoparticles. Journal of Environmental Chemical Engineering, 2015, 3, 1702-1712.	6.7	66
223	Post-crosslinking towards stimuli-responsive sodium alginate beads for the removal of dye and heavy metals. Carbohydrate Polymers, 2015, 133, 587-595.	10.2	130
224	Biosorbent encapsulation in calcium alginate: Effects of process variables on Cr(VI) removal from solutions. International Journal of Biological Macromolecules, 2015, 80, 260-270.	7.5	19
225	Use of residues and by-products of the olive-oil production chain for the removal of pollutants from environmental media: A review of batch biosorption approaches. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 677-718.	1.7	68
226	Emission of trace elements and retention of Cu and Zn by mineral and organic materials used in green roofs. Journal of Soils and Sediments, 2015, 15, 1789-1801.	3.0	13
227	Photocatalytic degradation of drugs by supported titania-based catalysts produced from petrochemical plant residue. Powder Technology, 2015, 279, 166-172.	4.2	39
228	Silver Ion Adsorption using Alkali and Organosilane Modified Coconut Pith Biosorbents. Journal of Natural Fibers, 2015, 12, 283-302.	3.1	6
229	A comparative study for the removal of methylene blue dye by N and S modified TiO2 adsorbents. Journal of Molecular Liquids, 2015, 207, 90-98.	4.9	27
230	Adsorption Behavior of Dyestuffs on Hollow Activated Carbon Fiber from Biomass. Separation Science and Technology, 2015, 50, 1757-1767.	2.5	16
231	Synthesis of magnetic biocomposite for efficient adsorption of azo dye from aqueous solution. Ecotoxicology and Environmental Safety, 2015, 121, 149-153.	6.0	25
233	As(III) Adsorption and Oxidation by Metal (Hydro) Oxides Enriched on Alligator Weed Root. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	0
234	Organic Materials Differ in Ability to Remove Protons, Iron and Aluminium from Acid Sulfate Soil Drainage Water. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	7
235	Preparation and Properties of Cellulose/Waste Leather Buff Biocomposites. International Journal of Polymer Analysis and Characterization, 2015, 20, 693-703.	1.9	18
236	Preparation of PVA-chitosan blend nanofiber and its dye removal ability from colored wastewater. Fibers and Polymers, 2015, 16, 1861-1869.	2.1	98
237	Valorization of a natural residue (sawdust) as adsorbent to remove the acetic acid in aqueous solutions. Desalination and Water Treatment, 2015, 56, 2731-2738.	1.0	2
238	Versatile Cellulose-Based Carbon Aerogel for the Removal of Both Cationic and Anionic Metal Contaminants from Water. ACS Applied Materials & amp; Interfaces, 2015, 7, 25875-25883.	8.0	119

#	Article	IF	CITATIONS
239	Enhanced solar photocatalytic activity of Er3+:YAlO3-loaded BiPO4 composite. Journal of Industrial and Engineering Chemistry, 2015, 24, 161-165.	5.8	8
240	Effective adsorption of light green anionic dye from solution by CPB modified peanut in column mode. Journal of Molecular Liquids, 2015, 211, 909-914.	4.9	46
241	Biosorption of basic violet 10 onto activated Gossypium hirsutum seeds: Batch and fixed-bed column studies. Chinese Journal of Chemical Engineering, 2015, 23, 1610-1619.	3.5	27
242	A review on progress of heavy metal removal using adsorbents of microbial and plant origin. Environmental Science and Pollution Research, 2015, 22, 15386-15415.	5.3	156
243	Removal of Oil from Water by Column Adsorption Method Using Microwave Incinerated Rice Husk Ash (MIRHA). , 2015, , 963-971.		3
244	The potential of clinoptilolite-rich tuffs from Croatia and Serbia for the reduction of toxic concentrations of cations and anions in aqueous solutions. Applied Clay Science, 2015, 116-117, 111-119.	5.2	7
245	A Critical Analysis on the Efficiency of Activated Carbons from Low-Cost Precursors for Heavy Metals Remediation. Critical Reviews in Environmental Science and Technology, 2015, 45, 613-668.	12.8	91
246	The adsorption of nitrate from aqueous solution onto calcined Mg/Fe hydrotalcite. Desalination and Water Treatment, 2015, 54, 3400-3411.	1.0	13
247	Water-Stable Metal–Organic Frameworks for Fast and High Dichromate Trapping via Single-Crystal-to-Single-Crystal Ion Exchange. Chemistry of Materials, 2015, 27, 205-210.	6.7	295
248	A case study of a pilot high rate algal pond for the treatment of fish farm and domestic wastewaters. Journal of Chemical Technology and Biotechnology, 2015, 90, 1094-1101.	3.2	50
249	Microwave-assisted facile one-pot method for preparation of BiOl–ZnO nanocomposites as novel dye adsorbents by synergistic collaboration. Journal of the Iranian Chemical Society, 2015, 12, 909-919.	2.2	18
250	Separation of chromium from water samples using eggshell powder as a low-cost sorbent: kinetic and thermodynamic studies. Desalination and Water Treatment, 2015, 53, 214-220.	1.0	106
251	Evaluation of the biosorption potential of a novel Caryota urens inflorescence waste biomass for the removal of hexavalent chromium from aqueous solutions. Journal of the Taiwan Institute of Chemical Engineers, 2015, 47, 59-70.	5.3	105
252	Biosorption of cationic basic dye and cadmium by the novel biosorbent Bacillus catenulatus JB-022 strain. Journal of Bioscience and Bioengineering, 2015, 119, 433-439.	2.2	55
253	Adsorption Characteristics of Congo Red from Aqueous Solution onto Tea Waste. Chemical Engineering Communications, 2015, 202, 181-193.	2.6	118
254	Application of ultrasonic radiation for simultaneous removal of auramine O and safranine O by copper sulfide nanoparticles: Experimental design. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1069-1075.	3.9	29
255	Analysis of synergistic and antagonistic adsorption of heavy metals and acid blue 25 on activated carbon from ternary systems. Chemical Engineering Research and Design, 2015, 93, 755-772.	5.6	58
256	Modeling of biosorption of Cu(II) by alkali-modified spent tea leaves using response surface methodology (RSM) and artificial neural network (ANN). Applied Water Science, 2015, 5, 191-199.	5.6	65

		CITATION RE	PORT	
#	Article		IF	CITATIONS
257	Selective separation of Light green and Safranin O from aqueous solution using Salvad (Miswak) powder as a new biosorbent. Journal of Saudi Chemical Society, 2016, 20, SI	ora persica 178-S185.	5.2	31
258	Effect of biochar amendment on nitrate retention in a silty clay loam soil. Italian Journa Agronomy, 2016, 11, 273-276.	l of	1.0	19
259	Environmental Application of Telon Blue AGLF Adsorption on Sunflower Pulp: A Respor Methodology Approach and Kinetic Study. Journal of Chemistry, 2016, 2016, 1-10.	ise Surface	1.9	3
260	Utilization of Sludge as Manure. , 2016, , 213-220.			1
261	Eggshell as an Inexpensive Adsorbent for Removal of p-Cresol. Transactions of the ASA 965-974.	BE, 2016, 59,	1.1	0
262	Removal of methylene blue dye from artificially contaminated water using citrus limett a very low cost adsorbent. Journal of the Taiwan Institute of Chemical Engineers, 2016	a peel waste as , 66, 154-163.	5.3	230
263	Walnut shell supported nanoscale Fe ^O for the removal of Cu(II) and Ni(II) water. Journal of Applied Polymer Science, 2016, 133, .	ions from	2.6	13
264	Thermodynamics, kinetics and isotherm studies on the removal of methylene blue fron solution by calcium alginate. Journal of Water Reuse and Desalination, 2016, 6, 301-30	n aqueous)9.	2.3	1
265	Modeling of breakthrough curves for aqueous iron (III) adsorption on chitosan-sodium tripolyphosphate. Water Science and Technology, 2016, 74, 2297-2304.		2.5	3
266	Photocatalytic degradation of rhodamine B, paracetamol and diclofenac sodium by sup titania-based catalysts from petrochemical residue: effect of doping with magnesium. and Technology, 2016, 74, 2370-2383.	pported Water Science	2.5	25
267	Application of non-fluorescent carbon particles as scavengers for heavy metal ions: A v utilisation approach. Separation Science and Technology, 2016, 51, 1618-1626.	vaste	2.5	1
268	Preparation of activated carbons from date (Phoenix dactylifera L.) palm stones and ap wastewater treatments: Review. Chemical Engineering Research and Design, 2016, 10	plication for 2, 168-182.	5.6	107
269	Preparation and evaluation of adipic acid dihydrazide cross-linked carboxymethyl chito microspheres for copper ion adsorption. Colloids and Surfaces A: Physicochemical and Aspects, 2016, 502, 34-43.	san Engineering	4.7	39
270	Evaluation of Eggshell-Rich Compost as Biosorbent for Removal of Pb(II) from Aqueous Water, Air, and Soil Pollution, 2016, 227, 1.	Solutions.	2.4	27
271	A Two-Step Approach to Eliminate Pesticides and Estrogens from a Wastewater and Re Phytotoxicity: Adsorption onto Plant-Derived Materials and Fungal Degradation. Water Pollution, 2016, 227, 1.	educe Its r, Air, and Soil	2.4	22
272	Addition of organic material to sulfuric soil can reduce leaching of protons, iron and all Geoderma, 2016, 271, 63-70.	uminium.	5.1	10
273	Potential of Arundo donax L. stems as renewable precursors for activated carbons and for wastewater treatments: Review. Journal of the Taiwan Institute of Chemical Engine 336-343.	utilization ers, 2016, 63,	5.3	29
274	Activated carbon from pyrolysed sugarcane bagasse: Silver nanoparticle modification a assessment. Science of the Total Environment, 2016, 565, 833-840.	ind ecotoxicity	8.0	44

#	Article	IF	CITATIONS
275	Solar Red and Brittle Blue direct dyes adsorption onto Eucalyptus angophoroides bark: Equilibrium, kinetics and thermodynamic studies. Journal of Environmental Chemical Engineering, 2016, 4, 2431-2439.	6.7	165
276	Synthesis and characterization of Feâ^'Al binary oxyhydroxides/ MWCNTs nanocomposite for the removal of Cr(VI) from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2016, 63, 303-311.	5.3	31
277	Giombo persimmon seed (GPS) an alternative adsorbent for the removal Toluidine Blue dye from aqueous solutions. Desalination and Water Treatment, 2016, 57, 28474-28485.	1.0	20
278	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. ACS Sustainable Chemistry and Engineering, 2016, 4, 2351-2358.	6.7	57
279	Spent Coffee Bioelastomeric Composite Foams for the Removal of Pb ²⁺ and Hg ²⁺ from Water. ACS Sustainable Chemistry and Engineering, 2016, 4, 5495-5502.	6.7	50
280	Biosorption of heavy metals by organic carbon from spent mushroom substrates and their raw materials. International Journal of Environmental Science and Technology, 2016, 13, 2713-2720.	3.5	37
281	Phosphorus retention on forest and vineyard soil samples, mussel shell, pine-sawdust, and on pyritic, granitic and waste materials. Geoderma, 2016, 280, 8-13.	5.1	12
282	Organic materials retain high proportion of protons, iron and aluminium from acid sulphate soil drainage water with little subsequent release. Environmental Science and Pollution Research, 2016, 23, 23582-23592.	5.3	2
283	Adsorption of Direct Red 80 Dye from Solution by Sugarcane Bagasse and Modified Sugarcane Bagasse as Adsorbents. Materials Science Forum, 0, 872, 175-180.	0.3	2
284	Performance of copper compounds in chemical and electro oxidation treatment of sugar industry waste water: Batch reaction. Journal of the Taiwan Institute of Chemical Engineers, 2016, 65, 256-268.	5.3	7
285	Role of nanomaterials in water treatment applications: A review. Chemical Engineering Journal, 2016, 306, 1116-1137.	12.7	1,004
286	Transforming inorganic layered montmorillonite into inorganic–organic hybrid materials for various applications: a brief overview. Inorganic Chemistry Frontiers, 2016, 3, 1100-1111.	6.0	49
287	Implications for public health demands alternatives to inorganic and synthetic flocculants: bioflocculants as important candidates. MicrobiologyOpen, 2016, 5, 177-211.	3.0	93
288	Sun coral powder as adsorbent: Evaluation of phosphorus removal in synthetic and real wastewater. Ecological Engineering, 2016, 97, 13-22.	3.6	12
289	Adsorption behavior of cadmium ions onto phosphoric acid-impregnated microwave-induced mesoporous activated carbon. Journal of Water Process Engineering, 2016, 14, 60-70.	5.6	50
290	COPPER REMOVAL USING ACID ACTIVATED PEANUT HUSK FROM AQUEOUS SOLUTION. Journal of Environmental Engineering and Landscape Management, 2016, 24, 210-217.	1.0	5
291	The potential for the use of waste products from a variety of sectors in water treatment processes. Journal of Cleaner Production, 2016, 137, 788-802.	9.3	65
292	Porous BiOBr/Bi ₂ MoO ₆ Heterostructures for Highly Selective Adsorption of Methylene Blue. ACS Omega, 2016, 1, 566-577.	3.5	59

#	Article	IF	CITATIONS
293	Diffusion-Controlled Simultaneous Sensing and Scavenging of Heavy Metal lons in Water Using Atomically Precise Cluster–Cellulose Nanocrystal Composites. ACS Sustainable Chemistry and Engineering, 2016, 4, 6167-6176.	6.7	67
294	High-performance supercapacitors and batteries derived from activated banana-peel with porous structures. Electrochimica Acta, 2016, 222, 1257-1266.	5.2	147
295	Characterization of agro-waste resources for potential use as proppant in hydraulic fracturing. Journal of Natural Gas Science and Engineering, 2016, 36, 679-691.	4.4	15
296	Graphene oxide-based polyethersulfone core–shell particles for dye uptake. RSC Advances, 2016, 6, 102389-102397.	3.6	11
297	A Water‣table Cationic Metal–Organic Framework as a Dual Adsorbent of Oxoanion Pollutants. Angewandte Chemie - International Edition, 2016, 55, 7811-7815.	13.8	302
298	Adsorption of hexavalent chromium from synthetic and electroplating effluent on chemically modified Swietenia mahagoni shell in a packed bed column. Environmental Monitoring and Assessment, 2016, 188, 411.	2.7	40
299	Adsorption of reactive blue BF-5C dye by soybean hulls: kinetics, equilibrium and influencing factors. Water Science and Technology, 2016, 73, 1166-1174.	2.5	26
300	Magnetic Nanocomposites as Efficient Sorption Materials for Removing Dyes from Aqueous Solutions. Nanoscale Research Letters, 2016, 11, 161.	5.7	45
301	Performance and surface clogging in intermittently loaded and slow sand filters containing novel media. Journal of Environmental Management, 2016, 180, 102-110.	7.8	31
302	Current trends of tropical fruit waste utilization. Critical Reviews in Food Science and Nutrition, 2018, 58, 1-27.	10.3	85
303	Characteristics and adsorption capacities of low-cost sorbents for wastewater treatment: A review. Sustainable Materials and Technologies, 2016, 9, 10-40.	3.3	932
304	Valorization of food wastes (orange seeds) as adsorbent for dye retention from aqueous medium. Desalination and Water Treatment, 2016, 57, 29070-29081.	1.0	7
305	A Waterâ€Stable Cationic Metal–Organic Framework as a Dual Adsorbent of Oxoanion Pollutants. Angewandte Chemie, 2016, 128, 7942-7946.	2.0	59
306	Biodegradation of two Azo dyes using <i>Dietzia</i> sp. PD1: process optimization using Response Surface Methodology and Artificial Neural Network. Desalination and Water Treatment, 2016, 57, 7293-7301.	1.0	21
307	Hydrogel biochar composite for arsenic removal from wastewater. Desalination and Water Treatment, 2016, 57, 3674-3688.	1.0	41
308	Cleaner approach in leather dyeing using graft copolymer as high performance auxiliary: related kinetics and mechanism. Journal of Cleaner Production, 2016, 112, 4863-4878.	9.3	19
309	Cold atmospheric plasma discharge induced fast decontamination of a wide range of organic compounds suitable for environmental applications. Journal of Water Process Engineering, 2016, 9, 195-200.	5.6	9
	Valorization of <i>Escherichia colic/i>waste biomass as a biosorbent for removing reactive dyes from</i>	1.0	

#	Article	IF	CITATIONS
311	Industrial textile effluent decolourization in stirred and static batch cultures of a new fungal strain Chaetomium globosum IMA1 KJ472923. Journal of Environmental Management, 2016, 170, 8-14.	7.8	26
312	Adsorption of lead(II) onto organic acid modified rubber leaf powder: Batch and column studies. Chemical Engineering Research and Design, 2016, 100, 1-8.	5.6	54
313	Biosorption of Pb ²⁺ , Cr ³⁺ , and Cu ²⁺ by peach palm sheath modified colonized by <i>Agaricus Blazei</i> . Desalination and Water Treatment, 2016, 57, 19927-19938.	1.0	5
314	Comparison of activation media and pyrolysis temperature for activated carbons development by pyrolysis of potato peels for effective adsorption of endocrine disruptor bisphenol-A. Journal of Colloid and Interface Science, 2016, 466, 101-112.	9.4	119
315	Remarkable performance of magnetized chitosan-decorated lignocellulose fiber towards biosorptive removal of acidic azo colorant from aqueous environment. Reactive and Functional Polymers, 2016, 100, 97-106.	4.1	25
316	Surface modifications of agrowaste biomass for Hg(II) and MeHg(II) removal from aqueous solution, oilfield produced water and natural gas condensate. Environmental Earth Sciences, 2016, 75, 1.	2.7	5
317	Co ²⁺ ion adsorption behavior on plum stone carbon prepared by a solid-combustion process. Desalination and Water Treatment, 2016, 57, 26472-26483.	1.0	2
318	Chemically functionalized silica gel with alkynyl terminated monolayers as an efficient new material for removal of mercury ions from water. Journal of Industrial and Engineering Chemistry, 2016, 35, 376-382.	5.8	32
319	Removal of hexavalent chromium from electroplating wastewaters using marine macroalga Pelvetia canaliculata as natural electron donor. Chemical Engineering Journal, 2016, 290, 477-489.	12.7	61
320	Polycyclic aromatic hydrocarbons (PAHs) removal by sorption: A review. Chemosphere, 2016, 148, 336-353.	8.2	346
321	Application of longan shell as non-conventional low-cost adsorbent for the removal of cationic dye from aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 254-261.	3.9	17
322	Preparation of novel diatomite-based composites: applications in organic efi¬,uents sorption. Desalination and Water Treatment, 2016, 57, 12443-12452.	1.0	4
323	Enhanced removal of Pb(II) by supported nanoscale Ni/Fe on hydrochar derived from biogas residues. Chemical Engineering Journal, 2016, 292, 224-232.	12.7	30
324	Recovery of Ammonium and Phosphate from Wastewater by Wheat Straw-based Amphoteric Adsorbent and Reusing as a Multifunctional Slow-Release Compound Fertilizer. ACS Sustainable Chemistry and Engineering, 2016, 4, 2068-2079.	6.7	79
325	Enhanced removal of Cr(VI) from aqueous solutions using polypyrrole wrapped oxidized MWCNTs nanocomposites adsorbent. Journal of Colloid and Interface Science, 2016, 470, 257-267.	9.4	166
326	Lignocellulosic Wheat Straw-Derived Ion-Exchange Adsorbent for Heavy Metals Removal. Applied Biochemistry and Biotechnology, 2016, 178, 670-686.	2.9	18
327	A review on modification methods to cellulose-based adsorbents to improve adsorption capacity. Water Research, 2016, 91, 156-173.	11.3	795
328	Three-dimensional macroporous cellulose-based bioadsorbents for efficient removal of nickel ions from aqueous solution. Cellulose, 2016, 23, 723-736.	4.9	45

#	Article	IF	CITATIONS
329	Adsorptions of Cd(II) and Pb(II) in aqueous solution by rice-straw char. Desalination and Water Treatment, 2016, 57, 21619-21626.	1.0	5
330	Raw and surfactant-modified pineapple leaf as adsorbent for removal of methylene blue and methyl orange from aqueous solution. Desalination and Water Treatment, 2016, 57, 18836-18850.	1.0	43
331	Hematite nanopowder obtained from waste: Iron-removal sludge. Powder Technology, 2016, 287, 364-372.	4.2	25
332	Anionic surfactant-modified rice straw for removal of methylene blue from aqueous solution. Desalination and Water Treatment, 2016, 57, 18202-18216.	1.0	14
333	Biosorption of As(V) onto dried alligator weed root: role of metal (hydro) oxides. International Journal of Phytoremediation, 2016, 18, 315-320.	3.1	1
334	Fabrication of free-standing bio-template mesoporous hybrid film for high and selective phosphate removal. Chemical Engineering Journal, 2016, 284, 879-887.	12.7	47
335	<i>Punica granatum</i> husk (PGH), a powdered biowaste material for the adsorption of methylene blue dye from aqueous solution. Desalination and Water Treatment, 2016, 57, 3194-3204.	1.0	16
336	Bench-Scale and Pilot-Scale Treatment Technologies for the Removal of Total Dissolved Solids from Coal Mine Water: A Review. Mine Water and the Environment, 2016, 35, 94-112.	2.0	22
337	Adsorption of anionic dyes from an aqueous solution by banana peel and green coconut mesocarp. Desalination and Water Treatment, 2016, 57, 14093-14108.	1.0	15
338	A review on photocatalysis for air treatment: From catalyst development to reactor design. Chemical Engineering Journal, 2017, 310, 537-559.	12.7	449
339	Polyethylene imine-grafted ACF@BiOI0.5Cl0.5 as a recyclable photocatalyst for high-efficient dye removal by adsorption-combined degradation. Applied Surface Science, 2017, 403, 80-88.	6.1	16
340	Nanocellulose as a novel nanostructured adsorbent for environmental remediation: a review. Cellulose, 2017, 24, 1171-1197.	4.9	305
341	Quercus robur acorn peel as a novel coagulating adsorbent for cationic dye removal from aquatic ecosystems. Ecological Engineering, 2017, 101, 3-8.	3.6	54
342	Adsorption studies of ferroin in aqueous solution onto graphite oxide. Canadian Journal of Chemistry, 2017, 95, 520-525.	1.1	0
343	Biomass based hydrogel as an adsorbent for the fast removal of heavy metal ions from aqueous solutions. Journal of Materials Chemistry A, 2017, 5, 3434-3446.	10.3	153
344	Application of a breakthrough biosorbent for removing heavy metals from synthetic and real wastewaters in a lab-scale continuous fixed-bed column. Bioresource Technology, 2017, 229, 78-87.	9.6	200
345	Recent advances in the application of cellulose nanocrystals. Current Opinion in Colloid and Interface Science, 2017, 29, 32-45.	7.4	456
346	Pectins functionalized biomaterials; a new viable approach for biomedical applications: A review. International Journal of Biological Macromolecules, 2017, 101, 254-272.	7.5	228

ARTICLE IF CITATIONS Application of raw and activated Phragmites australis as potential adsorbents for wastewater 347 3.6 16 treatments. Ecological Engineering, 2017, 102, 262-269. Single and multi-component adsorption of psychiatric pharmaceuticals onto alternative and commercial carbons. Journal of Environmental Management, 2017, 192, 15-24. 348 A comprehensive review on removal of arsenic using activated carbon prepared from easily available 349 5.3 73 waste materials. Environmental Science and Pollution Research, 2017, 24, 13295-13306. Influence of surface modification by sulfuric acid on coking coal's adsorption of coking wastewater. Water Science and Technology, 2017, 76, 555-566. Enhancement of p-nitrophenol adsorption capacity through N2-thermal-based treatment of activated 351 6.1 62 carbons. Applied Surface Science, 2017, 414, 424-434. Single and multi-component adsorption of aromatic acids using an eco-friendly polyaniline-based 3.3 biocomposite. Sustainable Materials and Technologies, 2017, 12, 35-43. Valorisation of agricultural waste with an adsorption/nanofiltration hybrid process: from materials 353 9.0 118 to sustainable process design. Green Chemistry, 2017, 19, 3116-3125. Removal of Heavy Metals and Pharmaceuticals From Contaminated Water Using Waste Sludge – 354 1.1 Kinetics and Mechanisms. Clean - Soil, Air, Water, 2017, 45, 1600509. Directly Converting Agricultural Straw into All-Biomass Nanocomposite Films Reinforced with 355 Additional in Situ-Retained Cellulose Nanocrystals. ACS Sustainable Chemistry and Engineering, 2017, 6.7 36 5, 5127-5133. Efficient techniques for the removal of toxic heavy metals from aquatic environment: A review. 1,066 Journal of Environmental Chemical Engineering, 2017, 5, 2782-2799. Study of congo red dye removal from its aqueous solution using sulfated acrylamide and N, N-357 5.6 35 dimethyl acrylamide grafted amylopectin. Journal of Water Process Engineering, 2017, 18, 7-19. Marrying the mussel inspired chemistry and Kabachnikâ€"Fields reaction for preparation of SiO2 polymer composites and enhancement removal of methylene blue. Applied Surface Science, 2017, 422, 6.1 28 17-27. Optimization of atrazine and imidacloprid removal from water using biochars: Designing single or multi-staged batch adsorption systems. International Journal of Hygiene and Environmental Health, 359 4.3 64 2017, 220, 637-645. Treatment of wastewater from sugarcane process industry by electrochemical and chemical process: 5.6 Aluminum (metal and salt). Journal of Water Process Engineering, 2017, 17, 50-62. Using desulfurization slag as the aquacultural amendment for fish pond water quality improvement: 361 9.3 10 Mechanisms and effectiveness studies. Journal of Cleaner Production, 2017, 143, 1313-1326. A review for coffee adsorbents. Journal of Molecular Liquids, 2017, 229, 555-565. An efficient removal of RB5 from aqueous solution by adsorption onto nano-ZnO/Chitosan composite 363 7.5 92 beads. International Journal of Biological Macromolecules, 2017, 96, 459-465. Bioinspired Special Wettability Surfaces: From Fundamental Research to Water Harvesting 364 259 Applications. Small, 2017, 13, 1602992.

#	Article	IF	CITATIONS
365	Kinetics and isothermal modeling of liquid phase adsorption of rhodamine B onto urea modified Raphia hookerie epicarp. Applied Water Science, 2017, 7, 3257-3266.	5.6	17
366	Organic petrology and micro-spectroscopy of Tasmanites microfossils: Applications to kerogen transformations in the early oil window. Organic Geochemistry, 2017, 114, 23-44.	1.8	60
367	Autotrophic biofloc technology system (ABFT) using Chlorella vulgaris and Scenedesmus obliquus positively affects performance of Nile tilapia (Oreochromis niloticus). Algal Research, 2017, 27, 259-264.	4.6	40
368	New insights into single-compound and binary adsorption of copper and lead ions on a treated sea mango shell: experimental and theoretical studies. Physical Chemistry Chemical Physics, 2017, 19, 25927-25937.	2.8	78
369	Preparation and Adsorption Properties of Fe/Chitosan/Fly Ash Composite. Materials Science Forum, 0, 898, 1885-1891.	0.3	2
370	Can biofilm affect alum sludge adsorption: An engineering scope in a novel biofilm reactor for wastewater treatment. Chemical Engineering Journal, 2017, 328, 683-690.	12.7	10
371	Abatement of organic pollutants using fly ash based adsorbents. Water Science and Technology, 2017, 76, 2580-2592.	2.5	53
372	Prospects and Challenges in Algal Biotechnology. , 2017, , .		15
373	Microalgae Mixotrophic Growth: Opportunity for Stream Depuration and Carbon Recovery. , 2017, , 141-177.		2
374	Probing the Interaction between Fluoride and the Polysaccharides in Al(III)- and Zr (IV)-Modified Tea Waste by Using Diverse Analytical Characterization Techniques. ChemistrySelect, 2017, 2, 10123-10135.	1.5	10
375	SEM, FTIR and EDAX Studies for the Removal of Safranin Dye from Water Bodies using Modified Biomaterial - <i>Bambusa Tulda</i> . IOP Conference Series: Materials Science and Engineering, 2017, 225, 012105.	0.6	7
376	Enhanced adsorption and photo-degradation of bisphenol A by β-cyclodextrin modified pine sawdust in an aquatic environment. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 510-516.	5.3	42
377	Removal of Heavy Metals, Lead, Cadmium, and Zinc, Using Adsorption Processes by Cost-Effective Adsorbents. , 2017, , 109-138.		14
378	Coupling process study of lipid production and mercury bioremediation by biomimetic mineralized microalgae. Bioresource Technology, 2017, 243, 628-633.	9.6	31
379	Agro-waste biosorbents: Effect of physico-chemical properties on atrazine and imidacloprid sorption. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 671-682.	1.5	20
381	Fabrication of phytic acid-modified wheat straw platform and its pH-responsive release performance for the pesticide imidacloprid. RSC Advances, 2017, 7, 32777-32785.	3.6	11
382	Adsorption Processes for Water Treatment and Purification. , 2017, , .		159
383	Response surface methodology optimization of adsorptive desulfurization on nickel/activated carbon. Chemical Engineering Journal, 2017, 313, 993-1003.	12.7	230

# 384	ARTICLE Biosorption of landfill leachate by Phanerochaete sp. ISTL01: isotherms, kinetics and toxicological assessment. Environmental Technology (United Kingdom), 2017, 38, 1800-1811.	IF 2.2	CITATIONS
385	An adsorption study of Sr ²⁺ from saline sources by coconut shell charcoal. Journal of Dispersion Science and Technology, 2017, 38, 1162-1167.	2.4	3
386	Mechanisms of removal of three widespread pharmaceuticals by two clay materials. Journal of Hazardous Materials, 2017, 323, 575-583.	12.4	66
387	Fenton oxidation of pesticide methyl parathion in aqueous solution: kinetic study of the degradation. Environmental Progress and Sustainable Energy, 2017, 36, 420-427.	2.3	21
388	Removal of anionic pollutants by pine bark is influenced by the mechanism of retention. Chemosphere, 2017, 167, 139-145.	8.2	14
389	Ring-like structured chitosan-metal hydrogel: Mass production, formation mechanism and applications. Journal of Colloid and Interface Science, 2017, 490, 233-241.	9.4	25
390	An adsorbent with a high adsorption capacity obtained from the cellulose sludge of industrial residues. Chemosphere, 2017, 169, 171-180.	8.2	40
391	Effects of bimetallic Ce/Fe nanoparticles on the desulfurization of thiophenes using activated carbon. Chemical Engineering Journal, 2017, 307, 914-927.	12.7	245
392	From tremellaâ€like MoS 2 to α â€MoO 3 nanoplates: sintering synthesis and adsorption properties. Micro and Nano Letters, 2017, 12, 652-655.	1.3	7
393	Green technologies for cyanobacteria and natural organic matter water treatment using natural based products. Journal of Cleaner Production, 2017, 162, 484-490.	9.3	41
394	Adsorption of phosphate from aqueous solution using electrochemically modified biochar calcium-alginate beads: Batch and fixed-bed column performance. Bioresource Technology, 2017, 244, 23-32.	9.6	120
395	Bengal Gram Seed Husk as an adsorbent for the removal of dye from aqueous solutions – Batch studies. Arabian Journal of Chemistry, 2017, 10, S2554-S2566.	4.9	36
396	Adsorption of light green anionic dye using cationic surfactant-modified peanut husk in batch mode. Arabian Journal of Chemistry, 2017, 10, S3595-S3602.	4.9	99
397	Adsorption Behavior of High Stable Zr-Based MOFs for the Removal of Acid Organic Dye from Water. Materials, 2017, 10, 205.	2.9	56
398	Environmentally Friendly and Cheap Removal of Lead (II) and Zinc (II) from Wastewater with Fish Scales Waste Remains. International Journal of Chemistry, 2017, 9, 22.	0.3	13
399	Removal of Zinc from Aqueous Solution by Optimized Oil Palm Empty Fruit Bunches Biochar as Low Cost Adsorbent. Bioinorganic Chemistry and Applications, 2017, 2017, 1-9.	4.1	22
400	Magnetic Mineral Nanocomposite Sorbents for Wastewater Treatment. Journal of Nanomaterials, 2017, 2017, 1-7.	2.7	19
401	Bio-removal of Azo Dyes: A Review. International Journal of Applied Sciences and Biotechnology, 2017, 5, 108-126.	0.8	109

#	Article	IF	CITATIONS
402	Mercerized mesoporous date pit activated carbon—A novel adsorbent to sequester potentially toxic divalent heavy metals from water. PLoS ONE, 2017, 12, e0184493.	2.5	41
403	Nanoscale zero-valent iron functionalized Posidonia oceanica marine biomass for heavy metal removal from water. Environmental Science and Pollution Research, 2017, 24, 27879-27896.	5.3	23
404	Effect of Al13 Polycation Grafting on Apple Wastes Activated Carbon That Have A Porous Structure. Oriental Journal of Chemistry, 2017, 33, 598-610.	0.3	2
405	Sugarcane bagasse and its potential use for the textile effluent treatment. DYNA (Colombia), 2017, 84, 291-297.	0.4	23
406	A new statistical physics model for the ternary adsorption of Cu2+, Cd2+ and Zn2+ ions on bone char: Experimental investigation and simulations. Chemical Engineering Journal, 2018, 343, 544-553.	12.7	47
407	Significance, evolution and recent advances in adsorption technology, materials and processes for desalination, water softening and salt removal. Journal of Environmental Management, 2018, 215, 324-344.	7.8	108
408	Using Myriophyllum aquaticum (Vell.) Verdc. to remove heavy metals from contaminated water: Better dead or alive?. Journal of Environmental Management, 2018, 213, 320-328.	7.8	14
409	Overview of As(V) adsorption on Zr-functionalized activated carbon for aqueous streams remediation. Journal of Environmental Management, 2018, 212, 121-130.	7.8	25
410	Utilization of pineapple peel for production of nanocellulose and film application. Cellulose, 2018, 25, 1743-1756.	4.9	151
411	Dual-film optofluidic microreactor with enhanced light-harvesting for photocatalytic applications. Chemical Engineering Journal, 2018, 339, 71-77.	12.7	39
412	Adsorption of Pharmaceuticals from Water and Wastewater Using Nonconventional Low-Cost Materials: A Review. Industrial & Engineering Chemistry Research, 2018, 57, 3103-3127.	3.7	325
413	Smart Fertilizers as a Strategy for Sustainable Agriculture. Advances in Agronomy, 2018, 147, 119-157.	5.2	158
414	Cellulose nanomaterials: promising sustainable nanomaterials for application in water/wastewater treatment processes. Environmental Science: Nano, 2018, 5, 623-658.	4.3	206
415	Biosorption of hexavalent chromium and malachite green from aqueous effluents, using <i>Cladophora</i> sp Chemistry and Ecology, 2018, 34, 371-390.	1.6	22
416	Component characterization and predictive modeling for green roof substrates optimized to adsorb P and improve runoff quality: A review. Environmental Pollution, 2018, 237, 988-999.	7.5	24
417	Retention of phosphates from aqueous solutions with in sol–gel-derived amorphous CaO–MgO–Al2O3–SiO2 system as a model of blast furnace slag. Chemical Papers, 2018, 72, 401-408.	2.2	3
418	Recovery of Au(III) from an aqueous solution by aminopropyltriethoxysilane-functionalized lignocellulosic based adsorbents. Reactive and Functional Polymers, 2018, 123, 106-114.	4.1	48
419	Hydrothermal fabrication of TiO 2 -MoO 3 nanocomposites with superior performance for water treatment. Nano Structures Nano Objects, 2018, 13, 93-99.	3.5	23

#	Article	IF	CITATIONS
420	Heavy metals in handloom-dyeing effluents and their biosorption by agricultural byproducts. Environmental Science and Pollution Research, 2018, 25, 7954-7967.	5.3	32
421	Start-up of a microalgae-based treatment system within the biorefinery concept: from wastewater to bioproducts. Water Science and Technology, 2018, 78, 114-124.	2.5	53
422	Hydrothermal synthesis of magnetic CoFe2O4 nanoparticles and CoFe2O4/MWCNTs nanocomposites for U and Pb removal from aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 431-442.	1.5	23
423	Magnetic Zinc Ferrite–Alginic Biopolymer Composite: As an Alternative Adsorbent for the Removal of Dyes in Single and Ternary Dye System. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1688-1705.	3.7	24
424	Application of Lignin and Its Derivatives in Adsorption of Heavy Metal Ions in Water: A Review. ACS Sustainable Chemistry and Engineering, 2018, 6, 7181-7192.	6.7	378
425	Application of coconut shell, banana peel, spent coffee grounds, eucalyptus bark, piassava (Attalea) Tj ETQq1 1 0 Journal of Environmental Chemical Engineering, 2018, 6, 2319-2334.	.784314 ı 6.7	gBT /Overloc 45
426	Adsorptive decontamination of synthetic wastewater containing crystal violet dye by employing Terminalia arjuna sawdust waste. Groundwater for Sustainable Development, 2018, 7, 30-38.	4.6	82
427	Waking Up from Four Decades' Long Dream of Valorizing Agro-Food Byproducts: Toward Practical Applications of the Gained Knowledge. Journal of Agricultural and Food Chemistry, 2018, 66, 3069-3073.	5.2	20
428	Environmentally friendly fertilizers: A review of materials used and their effects on the environment. Science of the Total Environment, 2018, 613-614, 829-839.	8.0	327
429	Compost Based on Biomass Wastes Used as Biofertilizers or as Sorbents. Springer Proceedings in Energy, 2018, , 566-585.	0.3	1
430	Development and characterization of pine bark with enhanced capacity for uptaking Cr(III) from aqueous solutions. Canadian Journal of Chemical Engineering, 2018, 96, 855-864.	1.7	12
431	Designer carbon nanotubes for contaminant removal in water and wastewater: A critical review. Science of the Total Environment, 2018, 612, 561-581.	8.0	237
432	Removal of fluoride from water through bacterial-surfactin mediated novel hydroxyapatite nanoparticle and its efficiency assessment: Adsorption isotherm, adsorption kinetic and adsorption Thermodynamics. Environmental Nanotechnology, Monitoring and Management, 2018, 9, 18-28.	2.9	58
433	Eco-Friendly Treatment Strategies for Wastewater Containing Dyes and Heavy Metals. Energy, Environment, and Sustainability, 2018, , 317-360.	1.0	15
434	Sodium montmorillonite/ureasil-poly(oxyethylene) nanocomposite as potential adsorbent of cationic dye. Applied Clay Science, 2018, 152, 158-165.	5.2	12
435	Magnetic Zinc Ferrite–Chitosan Bio-Composite: Synthesis, Characterization and Adsorption Behavior Studies for Cationic Dyes in Single and Binary Systems. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 880-898.	3.7	41
436	Modelling and Optimization of Uranium (VI) Ions Adsorption Onto Nano-ZnO/Chitosan Bio-composite Beads with Response Surface Methodology (RSM). Journal of Polymers and the Environment, 2018, 26, 2300-2310.	5.0	26
437	Preliminary study on the application of loofah fiber and coconut fiber in water filtration. AIP Conference Proceedings, 2018, , .	0.4	0

#	Article	IF	CITATIONS
438	Organic Fertilizers and Nutrient Recycling from Diluted Waste Streams. , 0, , .		0
439	Agroindustrial Waste for Lead and Chromium Biosorption. Journal of Sustainable Development of Energy, Water and Environment Systems, 2018, 6, 341-350.	1.9	10
440	Porous Materials Obtained from Nonconventional Sources Used in Wastewater Treatment Processes. , 2018, , 1-20.		1
441	A Novel Inorganic Ni–La ₂ O ₃ Composite with Superfast and Versatile Water Purification Behavior. ACS Applied Materials & Interfaces, 2018, 10, 43723-43729.	8.0	8
442	Preparation of Functionalized Graphene Nano-platelets and Use for Adsorption of Pb2+ from Solution. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1395-1401.	1.0	1
443	Assessment of the Binding of Protons, Al and Fe to Biochar at Different pH Values and Soluble Metal Concentrations. Water (Switzerland), 2018, 10, 55.	2.7	7
444	Characterization and application of microalgae hydrochar as a low-cost adsorbent for Cu(II) ion removal from aqueous solutions. Environmental Science and Pollution Research, 2018, 25, 32721-32734.	5.3	30
445	Removal Properties of Anionic Dye Eosin by Cetyltrimethylammonium Organo-Clays: The Effect of Counter-Ions and Regeneration Studies. Molecules, 2018, 23, 2364.	3.8	10
446	Cogon Grass for Oil Sorption: Characterization and Sorption Studies. Key Engineering Materials, 2018, 775, 359-364.	0.4	4
447	Adsorptive Behavior of Kaolin for Amido Black Dye in Aqueous Solution. Oriental Journal of Chemistry, 2018, 34, 1233-1239.	0.3	7
448	Exploring the adsorption mechanisms of cationic and anionic dyes onto agricultural waste peels of banana, cucumber and potato: Adsorption kinetics and equilibrium isotherms as a tool. Journal of Environmental Chemical Engineering, 2018, 6, 6958-6970.	6.7	138
449	Removal of mercury from effluent solution by using banana corm and neem leaves activated charcoal. Environmental Nanotechnology, Monitoring and Management, 2018, 10, 360-365.	2.9	9
450	Few Layered BiOBr with Expanded Interlayer Spacing and Oxygen Vacancies for Efficient Decomposition of Real Oil Field Produced Wastewater. ACS Sustainable Chemistry and Engineering, 2018, 6, 13739-13746.	6.7	54
451	Batch Adsorption Study of Methylene Blue in Aqueous Solution using Activated Carbons from Rice Husk and Coconut Shell. Journal of Applied Sciences and Environmental Management, 2018, 22, 631.	0.1	4
452	Molecular modeling of cationic dyes adsorption on agricultural Algerian olive cake waste. Journal of Molecular Liquids, 2018, 264, 127-133.	4.9	46
453	Bidirectionally pH-Responsive Zwitterionic Polymer Hydrogels with Switchable Selective Adsorption Capacities for Anionic and Cationic Dyes. Industrial & Engineering Chemistry Research, 2018, 57, 8209-8219.	3.7	35
454	Exploring the Reusability of Synthetically Contaminated Wastewater Containing Crystal Violet Dye using Tectona grandis Sawdust as a Very Low-Cost Adsorbent. Scientific Reports, 2018, 8, 8314.	3.3	140
455	Removal of naphthenic acids using activated charcoal: Kinetic and equilibrium studies. Adsorption Science and Technology, 2018, 36, 1405-1421.	3.2	47

#	Article	IF	CITATIONS
456	Magnetic mesoporous γ-Al2O3/ZnFe2O4 micro-bowls realizing enhanced adsorption, separation and recycle performance towards waste water. Microporous and Mesoporous Materials, 2018, 270, 120-126.	4.4	15
457	A Systematic Analysis and Review of the Fundamental Acid-Base Properties of Biosorbents. Environmental Chemistry for A Sustainable World, 2018, , 73-133.	0.5	4
458	Adsorption-Oriented Processes Using Conventional and Non-conventional Adsorbents for Wastewater Treatment. Environmental Chemistry for A Sustainable World, 2018, , 23-71.	0.5	83
459	Phosphorus adsorption characteristics of alum sludge: Adsorption capacity and the forms of phosphorus retained in alum sludge. Materials Letters, 2018, 229, 31-35.	2.6	54
460	Promising Carbon Matrix Derived from Willow Catkins for the Synthesis of SnO ₂ /C Composites with Enhanced Electrical Performance for Li-Ion Batteries. Nano, 2018, 13, 1850087.	1.0	5
461	Nanofiber-Based Materials for Persistent Organic Pollutants in Water Remediation by Adsorption. Applied Sciences (Switzerland), 2018, 8, 166.	2.5	29
462	Pillared Interlayered Clays for Pollution Remediation. Environmental Chemistry for A Sustainable World, 2018, , 353-376.	0.5	3
463	Cellulose Based Green Adsorbents for Pollutant Removal from Wastewater. Environmental Chemistry for A Sustainable World, 2018, , 127-157.	0.5	2
464	Adsorption of Safranin (Cationic) Dye from Water by <i>Bambusa tulda</i> : Characterization and ANN Modeling. Environmental Engineering Science, 2018, 35, 1361-1375.	1.6	10
465	Nanocomposite membrane for environmental remediation. , 2018, , 407-440.		8
466	Single and binary sorption of Cr(III) and Ni(II) onto modified pine bark. Environmental Science and Pollution Research, 2018, 25, 28039-28049.	5.3	16
467	Processing Technology Selection for Municipal Sewage Treatment Based on a Multi-Objective Decision Model under Uncertainty. International Journal of Environmental Research and Public Health, 2018, 15, 448.	2.6	6
468	Effect of Substrate, Feeding Mode and Number of Stages on the Performance of Hybrid Constructed Wetland Systems. Water (Switzerland), 2018, 10, 39.	2.7	9
469	Regeneration performance of clay-based adsorbents for the removal of industrial dyes: a review. RSC Advances, 2018, 8, 24571-24587.	3.6	235
470	Utilisation of natural cellulose fibres in wastewater treatment. Cellulose, 2018, 25, 4887-4903.	4.9	39
471	Study on the removal of hormones from domestic wastewaters with lab-scale constructed wetlands with different substrates and flow directions. Environmental Science and Pollution Research, 2018, 25, 20374-20384.	5.3	23
472	Cerium dioxide and composites for the removal of toxic metal ions. Environmental Chemistry Letters, 2018, 16, 1233-1246.	16.2	47
473	"Green―synthesis of Cu2S nanoparticles from (Z)-1-methyl-2-(pyrrolidin-2-ylidene)thiourea ligand for the preparation of Cu2S-chitosan nanocomposites for the removal of Cr(VI) ion from wastewater. Materials Letters, 2018, 229, 331-335	2.6	8

#	Article	IF	CITATIONS
474	Organo-vermiculites modified by low-dosage Gemini surfactants with different spacers for adsorption toward p-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 553, 601-611.	4.7	32
475	Process Equilibrium, Kinetics, and Mechanisms of Ionic-Liquid Induced Dephenolation of Petroleum Effluent. Water Conservation Science and Engineering, 2018, 3, 205-220.	1.7	16
476	Preparation and Chemical Modification of Rice Husk Char for the Removal of a Toxic Dye (Orange G) from Aqueous Medium. Zeitschrift Fur Physikalische Chemie, 2019, 233, 375-392.	2.8	17
477	Adsorption of methylene blue onto carboxymethyl sago pulp-immobilized sago waste hydrogel beads. International Journal of Environmental Science and Technology, 2019, 16, 2047-2058.	3.5	24
478	Equilibrium, kinetic and thermodynamic studies of a low-cost biosorbent for the removal of Congo red dye: Acid and CTAB-acid modified celery (Apium graveolens). Journal of Molecular Structure, 2019, 1176, 181-193.	3.6	79
479	Lipophilicity and hydrophobicity considerations in bio-enabling oral formulations approaches – a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 464-482.	2.4	76
480	Development of hybrid processes for the removal of volatile organic compounds, plasticizer, and pharmaceutically active compound using sewage sludge, waste scrap tires, and wood chips as sorbents and microbial immobilization matrices. Environmental Science and Pollution Research, 2019, 26, 11591-11604.	5.3	17
481	Removal of metals from water using fish scales as a bio adsorbent. AIP Conference Proceedings, 2019, ,	0.4	2
482	Brewers' spent grain in adsorption of aqueous Congo Red and malachite Green dyes: Batch and continuous flow systems. Journal of Hazardous Materials, 2019, 380, 120897.	12.4	66
483	Global evaluation of heavy metal content in surface water bodies: A meta-analysis using heavy metal pollution indices and multivariate statistical analyses. Chemosphere, 2019, 236, 124364.	8.2	475
484	Modification of natural pumice by physical and chemical treatments for removal of zinc ions from aqueous solution. MATEC Web of Conferences, 2019, 276, 06009.	0.2	1
485	Recycling of incinerated sewage sludge ash as an adsorbent for heavy metals removal from aqueous solutions. Journal of Environmental Management, 2019, 247, 509-517.	7.8	34
486	Application of synthesized Fe/Al/Ca based adsorbent for defluoridation of drinking Water and its significant parameters optimization using response surface methodology. Journal of Environmental Chemical Engineering, 2019, 7, 103465.	6.7	23
487	Advanced Functional Materials from Nanopolysaccharides. Springer Series in Biomaterials Science and Engineering, 2019, , .	1.0	12
488	Using Bagasse and Aluminum Sulfate-Modified Bagasse as Adsorbents for Treatment of Industrial Cutting Fluid Wastewater in Laboratory and Pilot Scales. Journal of Engineering (United States), 2019, 2019, 1-11.	1.0	2
489	Graphene–metal oxide–supported nanohybrid materials for treatment of textile dyes. , 2019, , 315-328.		1
490	Fe ₃ O ₄ @C particles synthesized with ironâ€containing water treatment residuals and its potential for methylene blue removal. Journal of Chemical Technology and Biotechnology, 2019, 94, 3970-3980.	3.2	17
491	Synthesis of the composite catalyst Bi4O5Br2/BiOBr for the improved photocatalytic degradation of oilfield produced wastewater. Journal of Materials Science: Materials in Electronics, 2019, 30, 17276-17287.	2.2	6

#	Article	IF	CITATIONS
492	Nano-magnetic walnut shell-rice husk for Cd(II) sorption: design and optimization using artificial intelligence and design expert. Heliyon, 2019, 5, e02381.	3.2	28
493	Preparation, characterization and application of sorbent envelopes with <i>Carica papaya</i> seeds and <i>Citrus grandis</i> rind for cationic dyes removal. Green Chemistry Letters and Reviews, 2019, 12, 343-352.	4.7	5
494	Cu2+, Co2+ and Cr3+ adsorption by synthetic dibasic calcium silicate hydrates and their thermal stability in a 25–1000°C temperature range. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2241-2249.	3.6	10
495	Graphene-like porous carbon nanostructure from Bengal gram bean husk and its application for fast and efficient adsorption of organic dyes. Applied Surface Science, 2019, 476, 647-657.	6.1	103
496	Removal of Pb(ii) ions from aqueous solution using a novel composite adsorbent of Fe3o4/PVA/spent coffee grounds. Separation Science and Technology, 2019, 54, 3070-3081.	2.5	14
497	Dynamics and Kinetics of Cupric Ion Removal from Wastewaters by Tunisian Solid Crude Olive-Oil Waste. Materials, 2019, 12, 365.	2.9	13
498	Emerging natural and tailored materials for uranium-contaminated water treatment and environmental remediation. Progress in Materials Science, 2019, 103, 180-234.	32.8	382
499	Green and Sustainable Pathways for Wastewater Purification. , 2019, , 355-383.		86
500	Biodiesel from waste frying oils: Methods of production and purification. Energy Conversion and Management, 2019, 184, 205-218.	9.2	137
501	Multi-faceted strategy based on enzyme immobilization with reactant adsorption and membrane technology for biocatalytic removal of pollutants: A critical review. Biotechnology Advances, 2019, 37, 107401.	11.7	130
502	Chitosan-boehmite desiccant composite as a promising adsorbent towards heavy metal removal. Journal of Environmental Management, 2019, 244, 257-264.	7.8	38
503	A study on removal of Cr(III) from aqueous solution using biomass of Cymbopogon flexuosus immobilized in sodium alginate beads and its use as hydrogenation catalyst. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 118-132.	5.3	23
504	A review on heavy metal pollution, toxicity and remedial measures: Current trends and future perspectives. Journal of Molecular Liquids, 2019, 290, 111197.	4.9	855
505	Green synthesis of nanostructure Schiff base complex based on aromatic polyamide and manganese(III) for elimination of Hg(II) and Cd(II) from solutions. Journal of the Iranian Chemical Society, 2019, 16, 2489-2500.	2.2	11
506	Recent advances in sorbents applications and techniques used for solid-phase extraction of atrazine and its metabolites deisopropylatrazine and deethylatrazine: a review. International Journal of Environmental Analytical Chemistry, 2019, 99, 1017-1068.	3.3	14
507	Biosorption potential of Cliricidia sepium leaf powder to sequester hexavalent chromium from synthetic aqueous solution. Journal of Environmental Chemical Engineering, 2019, 7, 103112.	6.7	30
508	Enhanced Removal of Cr(VI) from Aqueous Solutions Using Poly(Pyrrole)-g-Poly(Acrylic Acid-co-) Tj ETQq0 0 0 rg Engineering Quarterly, 2019, 33, 19-33.	BT /Overlo 0.9	ck 10 Tf 50 1 6
500-	Characterization of Metal Oxide-modified Walnut-shell Activated Carbon and Its Application for	10 -	17 _

of Technology, Materials Science Edition, 2019, 34, 487-495.

		CITATION RE	PORT	
#	Article		IF	CITATIONS
510	Sustainable Agriculture Reviews 34. Sustainable Agriculture Reviews, 2019, , .		1.1	5
511	Date Palm Assisted Nanocomposite Materials for the Removal of Nitrate and Phosphate from Aqu Medium. Sustainable Agriculture Reviews, 2019, , 265-278.	eous	1.1	0
512	Walnut shells: food processing waste from western Himalayan state of Himachal Pradesh as an excellent source for production of activated carbon with highly acidic surface. International Journal of Environment and Waste Management, 2019, 23, 274.		0.3	2
513	The proton binding properties of biosorbents. Environmental Chemistry Letters, 2019, 17, 1281-1	298.	16.2	6
514	Polydopamine Nanoparticle-Coated Polysulfone Porous Granules as Adsorbents for Water Remediation. ACS Omega, 2019, 4, 4839-4847.		3.5	25
515	A study on the potential of carbon residue from rice husk used as boiler fuel for carbon dioxide capture and wastewater treatment. MATEC Web of Conferences, 2019, 268, 04006.		0.2	2
516	Mutual interplay of ZnO micro- and nanowires and methylene blue during cyclic photocatalysis process. Journal of Environmental Chemical Engineering, 2019, 7, 103016.		6.7	92
517	Isolation, characterization and valorization of lignin from Pinus elliottii sawdust as a low-cost biosorbent for zinc removal. Cellulose, 2019, 26, 4895-4908.		4.9	15
518	Water Pollution Remediation Techniques with Special Focus on Adsorption. Nanotechnology in th Life Sciences, 2019, , 39-68.	ie	0.6	2
519	Pineapple Bark Performance in Dyes Adsorption: Optimization by the Central Composite Design. J of Chemistry, 2019, 2019, 1-11.	ournal	1.9	35
520	Adsorption of copper ion from solution by polyethylenimine modified wheat straw. Bioresource Technology Reports, 2019, 6, 96-102.		2.7	69
521	Preparation of gemini surfactant/graphene oxide composites and their superior performance for Congo red adsorption. RSC Advances, 2019, 9, 4908-4916.		3.6	25
522	Recycling of PVPP used in the wine industry: An opportunity for obtaining reusable PVPP and bioa phenolic compounds. BIO Web of Conferences, 2019, 15, 02020.	ctive	0.2	2
523	Optimization of Adsorption of 5-Amino-4-Hydroxy-3-[(E)-(5-Nitro-2-Thienyl) Dizenyl]-2,7- Naphthalenedisulfonic Acid Mono Sodium from Aqueous Solution Using Activated Telfairia Occidentalis Seed Waste Journal of Science and Technology (Ghana), 2019, 59, 57.		0.5	0
524	Kinetic and Isotherm Study of 2,4,6-Trichlorophenol's Fast Adsorption from Aqueous Solution Synthesized Magnetite-Bentonite Nanocomposite. Journal of Water Chemistry and Technology, 2 41, 347-356.	s by 019,	0.6	0
525	Effect of Preparation Conditions on Heavy Metal Adsorption Characteristics of Activated Carbon Prepared from Non-Fibrous Material of Pineapple Leaves. Key Engineering Materials, 0, 824, 114-1	20.	0.4	2
526	Acetone fractionation: a simple and efficient method to improve the performance of lignin for dye pollutant removal. RSC Advances, 2019, 9, 35895-35903.	2	3.6	10
527	Evaluation of adsorption processes of metal ions in multi-element aqueous systems by lignocellul adsorbents applying different isotherms: A critical review. Chemical Engineering Journal, 2019, 35 404-420.	osic 7,	12.7	110

#	Article	IF	CITATIONS
528	BiOBrxl1â^'x/BiOBr heterostructure engineering for efficient molecular oxygen activation. Chemical Engineering Journal, 2019, 356, 34-42.	12.7	75
529	Novel self-assembled 3D flower-like magnesium hydroxide coated granular polyurethane: Implication of its potential application for the removal of heavy metals. Journal of Cleaner Production, 2019, 216, 495-503.	9.3	39
530	Endosulfan removal through bioremediation, photocatalytic degradation, adsorption and membrane separation processes: A review. Chemical Engineering Journal, 2019, 360, 912-928.	12.7	85
531	Progress in hydrometallurgical technologies to recover critical raw materials and precious metals from low-concentrated streams. Resources, Conservation and Recycling, 2019, 142, 177-188.	10.8	73
532	Influence of application of manganese ore in constructed wetlands on the mechanisms and improvement of nitrogen and phosphorus removal. Ecotoxicology and Environmental Safety, 2019, 170, 446-452.	6.0	66
533	Polyaniline/Tectona grandis sawdust: A novel composite for efficient decontamination of synthetically polluted water containing crystal violet dye. Groundwater for Sustainable Development, 2019, 8, 390-401.	4.6	58
534	Utilization of paper mill sludge for removal of cationic textile dyes from aqueous solutions. Separation Science and Technology, 2019, 54, 2555-2566.	2.5	11
535	Synthesis of silver decorated silica nanoparticles with rough surfaces as adsorbent and catalyst for methylene blue removal. Journal of Sol-Gel Science and Technology, 2019, 89, 754-763.	2.4	30
536	A novel approach to preparation of nano-adsorbent from agricultural wastes (Saccharum) Tj ETQq0 0 0 rgBT /Ove 2019, 26, 5305-5314.	erlock 10 T 5.3	f 50 427 Td 44
537	Modification, hybridization and applications of saponite: An overview. Applied Clay Science, 2019, 168, 136-154.	5.2	46
538	Synthesis, characterization and application of surface-modified biochar synthesized from rice husk, an agro-industrial waste for the removal of hexavalent chromium from drinking water at near-neutral pH. Clean Technologies and Environmental Policy, 2019, 21, 447-462.	4.1	35
539	Magnetically modified macroalgae Cymopolia barbata biomass as an adsorbent for safranin O removal. Materials Chemistry and Physics, 2019, 225, 174-180.	4.0	38
540	Adsorption of congo red dye from aqueous solutions by prepared activated carbon with oxygen-containing functional groups and its regeneration. Adsorption Science and Technology, 2019, 37, 160-181.	3.2	185
541	Adsorption and desorption of acetylsalicylic acid onto activated carbon of babassu coconut mesocarp. Journal of Environmental Chemical Engineering, 2019, 7, 102862.	6.7	44
542	Stimuli-responsive bio-based polymeric systems and their applications. Journal of Materials Chemistry B, 2019, 7, 709-729.	5.8	487
543	Review on a novel biosilica source for production of advanced silicaâ€based materials: Wheat husk. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2262.	1.5	33
544	Remediation of heavy metals and dyes from wastewater using cellulose-based adsorbents. Environmental Chemistry Letters, 2019, 17, 867-877.	16.2	160
545	Competitive adsorption of heavy metals in aqueous solution onto biochar derived from anaerobically digested sludge. Chemosphere, 2019, 219, 351-357.	8.2	212

ARTICLE IF CITATIONS Magnetic sugarcane bagasse composite for atrazine and fluoride removal. Journal of Chemical 546 3.2 4 Technology and Biotechnology, 2019, 94, 3466-3478. ZnO tetrapods and activated carbon based hybrid composite: Adsorbents for enhanced 547 decontamination of hexavalent chromium from aqueous solution. Chemical Engineering Journal, 2019, 12.7 358, 540-551. Bamboo shoot skin: turning waste to a valuable adsorbent for the removal of cationic dye from 548 4.1 21 aqueous solution. Clean Technologies and Environmental Policy, 2019, 21, 81-92. Aqueous scavenging of polycyclic aromatic hydrocarbons using epichlorohydrin, 1,6-hexamethylene diisocyanate and 4,4-methylene diphenyl diisocyanate modified starch: Pollution remediation approach. Arabian Journal of Chemistry, 2019, 12, 2760-2773. 549 4.9 Low-cost fluoride adsorbents prepared from a renewable biowaste: Syntheses, characterization and 550 4.9 49 modeling studies. Arabian Journal of Chemistry, 2019, 12, 3004-3017. Evaluation of hybrid neutralization/biosorption process for zinc ions removal from automotive battery effluent by dolomite and fish scales. Environmental Technology (United Kingdom), 2019, 40, 2.2 2373-2388. Assessment of heavy metal toxicity related with human health risk in the surface water of an 552 industrialized area by a novel technique. Human and Ecological Risk Assessment (HERA), 2019, 25, 3.4 77 966-987. Optimisation of the removal conditions for heavy metals from water: A comparison between steel 4.9 furnace slag and CeO2 nanoparticles. Arabian Journal of Chemistry, 2020, 13, 1712-1719. Dual phase role of composite adsorbents made from cockleshell and natural zeolite in treating river 554 3.5 16 water. Journal of King Saud University - Science, 2020, 32, 1-6. Magnetic polyresorcinol@CoFe2O4@MnS nanoparticles for adsorption of Pb(II), Ag(I), Cr(VI) and 3.3 bacteria from water solution. Polymer Bulletin, 2020, 77, 1893-1911. Adsorptive Removal and Recovery of Heavy Metal Ions from Aqueous Solution/Effluents Using 556 5 Conventional and Non-conventional Materials., 2020, , 309-328. Modern Age Waste Water Problems., 2020, , . An effective approach for nitrate removal from water using antimicrobial modified fish bone by silane 558 2.5 3 groups containing quaternary ammonium salt. Separation Science and Technology, 2020, 55, 1415-1424. Clay–polymer nanocomposites: Progress and challenges for use in sustainable water treatment. Journal of Hazardous Materials, 2020, 383, 121125. 12.4 132 Simultaneous synergistic effects of addition of agro-based adsorbent on anaerobic co-digestion of 560 3.014 food waste and sewage sludge. Journal of Material Cycles and Waste Management, 2020, 22, 65-79. Insight on water remediation application using magnetic nanomaterials and biosorbents. 18.8 183 Coordination Chemistry Reviews, 2020, 403, 213096. An effective approach for the adsorptive removal of lead from an aqueous medium using nano Prosopis Cineraria leaf ash (NPCLA): characterization, operational effects, and recyclability. Modeling 562 3.4 4 Earth Systems and Environment, 2020, 6, 139-149. Review on magnetic nanoferrites and their composites as alternatives in waste water treatment: synthesis, modifications and applications. Environmental Science: Water Research and Technology, 2.4 2020, 6, 491-514.

	СІТА	tion Report	
#	Article	IF	Citations
564	Fenalan Yellow G adsorption using surface-functionalized green nanoceria: An insight into mechanism and statistical modelling. Environmental Research, 2020, 181, 108920.	7.5	32
565	Cactus material-based adsorbents for the removal of heavy metals and dyes: a review. Materials Research Express, 2020, 7, 012002.	1.6	22
566	Performance of organoclay in adsorptive uptake of antihypertensive losartan potassium: A comparative batch study using micro-grain activated carbon. Journal of Environmental Chemical Engineering, 2020, 8, 103562.	6.7	18
567	Composites with alginate beads: A novel design of nano-adsorbents impregnation for large-scale continuous flow wastewater treatment pilots. Saudi Journal of Biological Sciences, 2020, 27, 2499-2508.	3.8	40
568	Phosphorus removal by adsorbent based on poly-aluminum chloride sludge. Water Science and Engineering, 2020, 13, 193-201.	3.2	9
569	Renewable Energy Products through Bioremediation of Wastewater. Sustainability, 2020, 12, 7501.	3.2	29
570	Cr ₂ O ₇ ^{2â^'} inside Zr/Hf-based metal–organic frameworks: high sensitive and selective detection and crystallographic evidence. Journal of Materials Chemistry C, 2020, 8, 16974-16983.	y 5.5	26
571	Application of chitosan-based particles for deinking of printed paper and its bioethanol fermentation. Fuel, 2020, 280, 118570.	6.4	6
572	Effect of Modified Eggshell on Adsorption Capacity of Chromium(VI) from Aqueous Solution. Asian Journal of Chemistry, 2020, 32, 1549-1556.	0.3	1
573	Removal of methyl orange from aqueous solutions by a novel, high efficient and low cost copper-modified nanoalum. Inorganic and Nano-Metal Chemistry, 2020, , 1-6.	1.6	0
574	A Methodology to Estimate the Sorption Parameters from Batch and Column Tests: The Case Study of Methylene Blue Sorption onto Banana Peels. Processes, 2020, 8, 1467.	2.8	13
575	Agro-based industrial wastes as potent sources of alternative energy and organic fertilizers. , 2020, , 121-136.		4
576	The Use of Industrial Waste for the Bioremediation of Water Used in Industrial Processes. , 0, , .		1
577	Amalgamation and application of nano chitosan crossâ€linked with fish scales based activated carbon as an adsorbent for the removal of reactive dye (RB9). IET Nanobiotechnology, 2020, 14, 289-299.	3.8	10
578	Current Status of Heavy Metal Contaminants and Their Removal/Recovery Techniques. ACS Symposium Series, 2020, , 41-64.	0.5	13
579	Potential of Magnetic Nanoferrites in Removal of Heavy Metals from Contaminated Water: Mini Review. Journal of Superconductivity and Novel Magnetism, 2020, 33, 3651-3665.	1.8	36
580	A Comparative Study of Concrete Hollow Blocks with and Without Rice Husk Powder as Partial Replacement to Cement. Journal of Physics: Conference Series, 2020, 1529, 032045.	0.4	0
581	Overview of activated carbon derived from biomass for heavy metal removal. AIP Conference Proceedings, 2020, , .	0.4	2

#	Article	IF	CITATIONS
582	Present status of hybrid materials for potable water decontamination: a review. Environmental Science: Water Research and Technology, 2020, 6, 3214-3248.	2.4	19
583	The Removal of Residual Concentration of Hazardous Metals in Wastewater from a Neutralization Station Using Biosorbent—A Case Study Company Gutra, Czech Republic. International Journal of Environmental Research and Public Health, 2020, 17, 7225.	2.6	8
584	Evaluation of Methylene Blue Sorption onto Low-Cost Biosorbents: Equilibrium, Kinetics, and Thermodynamics. Journal of Chemistry, 2020, 2020, 1-11.	1.9	33
585	Use of low-cost natural waste from the furniture industry for the removal of methylene blue by adsorption: isotherms, kinetics and thermodynamics. Cellulose, 2020, 27, 6445-6466.	4.9	41
586	Uptake of micropollutant-bisphenol A, methylene blue and neutral red onto a novel bagasse-β-cyclodextrin polymer by adsorption process. Chemosphere, 2020, 259, 127439.	8.2	99
587	Synthesis of Cost-Effective Pomelo Peel Dimethoxydiphenylsilane-Derived Materials for Pyrene Adsorption: From Surface Properties to Adsorption Mechanisms. ACS Omega, 2020, 5, 9465-9476.	3.5	8
588	Phosphorus adsorption behavior of industrial waste biomass-based adsorbent, esterified polyethylenimine-coated polysulfone-Escherichia coli biomass composite fibers in aqueous solution. Journal of Hazardous Materials, 2020, 400, 123217.	12.4	33
589	A review on the applicability of activated carbon derived from plant biomass in adsorption of chromium, copper, and zinc from industrial wastewater. Environmental Monitoring and Assessment, 2020, 192, 240.	2.7	85
590	A Comprehensive review on the hierarchical performances of eco-friendly and functionally advanced modified and recyclable carbon materials. Journal of the Iranian Chemical Society, 2020, 17, 1521-1537.	2.2	5
591	Biochar based catalysts for the abatement of emerging pollutants: A review. Chemical Engineering Journal, 2020, 394, 124856.	12.7	129
592	Adsorption of Cu (II) and Cd (II) from aqueous solutions by chitosan immobilized in alginate beads. Journal of Environmental Chemical Engineering, 2020, 8, 103878.	6.7	70
593	Emerging Eco-friendly Green Technologies for Wastewater Treatment. Microorganisms for Sustainability, 2020, , .	0.7	9
594	Studies of adsorption of crystal violet from aqueous solution by nano mesocellular foam silica: process equilibrium, kinetic, isotherm, and thermodynamic studies. Water Science and Technology, 2020, 81, 2092-2108.	2.5	16
595	Preparation of ultra-lightweight and surface-tailored cellulose nanofibril composite cryogels derived from Date palm waste as powerful and low-cost heavy metals adsorbent to treat aqueous medium. Industrial Crops and Products, 2020, 154, 112696.	5.2	19
596	Low-cost activated carbon production from organic waste and its utilization for wastewater treatment. Applied Water Science, 2020, 10, 1.	5.6	40
597	Basic oxygen furnace slag: Review of current and potential uses. Minerals Engineering, 2020, 149, 106234.	4.3	65
598	Utilization of alum sludge as adsorbent for phosphorus removal in municipal wastewater: A review. Journal of Water Process Engineering, 2020, 35, 101187.	5.6	99
599	Phlebia gigantea cells immobilized on renewable biomass matrix as potential ecofriendly scavenger for lead contamination. Environmental Science and Pollution Research, 2020, 27, 16177-16188.	5.3	6

#	Article	IF	CITATIONS
600	Adsorption of Polycyclic Aromatic Hydrocarbons from aqueous solution by Organic Montmorillonite Sodium Alginate Nanocomposites. Chemosphere, 2020, 251, 126074.	8.2	53
601	Porous material from cellulose nanofibrils coated with aluminum hydroxyde as an effective adsorbent for fluoride. Journal of Environmental Chemical Engineering, 2020, 8, 103779.	6.7	25
602	Applications and impact of nanocellulose based adsorbents. Cellulose, 2020, 27, 2967-2990.	4.9	72
603	Tea residue as a bio-sorbent for the treatment of textile industry effluents. International Journal of Environmental Science and Technology, 2020, 17, 3351-3364.	3.5	7
604	Hydrothermal carbonization in the synthesis of sustainable porous carbon materials for water treatment. , 2020, , 445-503.		6
605	Oil removal from produced water by agriculture waste adsorbents. International Journal of Environment and Waste Management, 2020, 25, 12.	0.3	15
606	New insight into the removal of Cd(II) from aqueous solution by diatomite. Environmental Science and Pollution Research, 2020, 27, 9882-9890.	5.3	15
607	Surface-tailored graphene oxide paper: an efficient filter for dye pollutants. Environmental Science: Water Research and Technology, 2020, 6, 963-975.	2.4	19
608	Comparison of the Relative Efficacies of Granulated Activated Carbon and Biochar to Reduce Chlorpyrifos and Imidacloprid Loading and Toxicity Using Laboratory Bench Scale Experiments. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 327-332.	2.7	9
609	Superior Adsorption of Direct Dye from Aqueous Solution by Y(III)-Chitosan-Doped Fly Ash Composite as Low-Cost Adsorbent. Journal of Polymers and the Environment, 2020, 28, 1811-1821.	5.0	13
610	Jute (Corchorus olitorius) stick charcoal as a low-cost adsorbent for the removal of methylene blue dye from aqueous solution. SN Applied Sciences, 2020, 2, 1.	2.9	20
611	Adsorption of Copper and Methylene Blue on an Agrowaste of <i>Mauritia Flexuosa</i> . Journal of Environmental Engineering, ASCE, 2020, 146, .	1.4	11
612	Retention of organic micro-pollutants by sorption processes. , 2020, , 331-362.		0
613	Recyclable aqueous metal adsorbent: Synthesis and Cu(II) sorption characteristics of ternary nanocomposites of Fe3O4 nanoparticles@graphene–poly-N-phenylglycine nanofibers. Journal of Hazardous Materials, 2021, 401, 123283.	12.4	28
614	Self-coagulating polyelectrolyte complexes for target-tunable adsorption and separation of metal ions. Journal of Hazardous Materials, 2021, 401, 123352.	12.4	28
615	Enhanced photocatalysis of TiO2 by aluminum plasmonic. Catalysis Today, 2021, 376, 162-167.	4.4	11
616	Advances in water treatment technologies for removal of polycyclic aromatic hydrocarbons: Existing concepts, emerging trends, and future prospects. Water Environment Research, 2021, 93, 343-359.	2.7	67
617	Fabrication and Characterization of Silica Based Ceramic Composite for Filtration Applications. Silicon, 2021, 13, 1951-1960.	3.3	3

#	Article	IF	CITATIONS
618	Review on polycyclic aromatic hydrocarbons (PAHs) migration from wastewater. Journal of Contaminant Hydrology, 2021, 236, 103715.	3.3	42
619	Recent advances in photocatalytic removal of organic and inorganic pollutants in air. Journal of Cleaner Production, 2021, 278, 123895.	9.3	103
620	Fabrication of foam-like oil sorbent from polylactic acid and Calotropis gigantea fiber for effective oil absorption. Journal of Cleaner Production, 2021, 278, 123507.	9.3	29
621	Recent advances on composite hydrogels designed for the remediation of dye-contaminated water and wastewater: A review. Journal of Cleaner Production, 2021, 284, 124703.	9.3	141
622	Adsorption characteristics of magnetic nanoparticles coated mixed fungal biomass for toxic Cr(VI) ions in aquatic environment. Chemosphere, 2021, 267, 129226.	8.2	83
623	A review on modified sugarcane bagasse biosorbent for removal of dyes. Chemosphere, 2021, 268, 129309.	8.2	113
624	Developing helical carbon functionalized chitosan-based loose nanofiltration membranes for selective separation and wastewater treatment. Chemical Engineering Journal, 2021, 417, 127911.	12.7	23
625	Substitution of petroleum-based polymeric materials used in the electrospinning process with nanocellulose: A review and future outlook. Chemosphere, 2021, 269, 128710.	8.2	19
626	Closing the loop in a constructed wetland for the improvement of metal removal: the use of Phragmites australis biomass harvested from the system as biosorbent. Environmental Science and Pollution Research, 2021, 28, 11444-11453.	5.3	10
627	Highly efficient removal of toxic ions by the activated carbon derived from Citrus limonÂtree leaves. Carbon Letters, 2021, 31, 509-521.	5.9	19
628	Sorption action of silicon-containing samples against bacteria. Izvestiâ Vuzov: Prikladnaâ Himiâ I Biotehnologiâ, 2021, 10, 603-612.	0.3	0
629	Over-sulfated soils and sediments treatment: A brief discussion on performance disparities of biological and non-biological methods throughout the literature. Waste Management and Research, 2021, 39, 528-545.	3.9	1
630	Characterization of banana peel ionic polymer membrane by using polynomial regression. Materials Today: Proceedings, 2021, 46, 10821-10823.	1.8	1
631	Utilization of tea wastes for the removal of toxic dyes from polluted water—a review. Biomass Conversion and Biorefinery, 2023, 13, 1399-1415.	4.6	14
632	Adsorbent. Interface Science and Technology, 2021, 33, 71-210.	3.3	24
633	Nanocellulose: A sustainable and renewable material for water and wastewater treatment. , 2021, , 93-109.		4
634	Decolorization of dyestuffs by some species of green algae and cyanobacteria and its consortium. International Journal of Environmental Science and Technology, 2021, 18, 3895-3906.	3.5	15
635	Life-Cycle Assessment of Agricultural Waste-Based and Biomass-Based Adsorbents. , 2021, , 669-695.		6

		CITATION REI	PORT	
#	Article		IF	CITATIONS
636	Low-cost adsorbents, removal techniques, and heavy metal removal efficiency. , 2021, , 83-103.			5
637	A water-stable photochromic MOF with controllable iodine sorption and efficient removal of dichromate. CrystEngComm, 2021, 23, 7628-7634.		2.6	14
638	Identification of potential strategic sites for city planning based on water quality through GIS-AHP-integrated model. Environmental Science and Pollution Research, 2021, 28, 23073-2308	36.	5.3	11
639	Formation of ionic polymer membrane by using banana peel. Materials Today: Proceedings, 2021 1898-1902.	, 44,	1.8	1
640	Biosorption of heavy metals using fungal biosorbents – A review. , 2021, , 331-352.			2
641	Recovery of Nanomaterials from Agricultural and Industrial Wastes for Water Treatment Applications. Topics in Mining, Metallurgy and Materials Engineering, 2021, , 385-417.		1.6	6
642	Technology for Treating Oily Wastewater Derived from Various Industries: A Review Paper. Chem Jurnal Teknik Kimia, 2021, 7, 106.	ica:	0.1	2
643	Phosphorus pollution control using waste-based adsorbents: Material synthesis, modification, an sustainability. Critical Reviews in Environmental Science and Technology, 2022, 52, 2023-2059.	d	12.8	16
644	Nanomaterial-Incorporated Polymer Composites for Industrial Effluent: From Synthesis to Application. , 2021, , 998-1012.			0
645	Clay Hybrid Materials. , 0, , .			3
646	Use of plant-based sorbents and mycodegradation for the elimination of endocrine disrupting chemicals from soil: A novel facile and low-cost method. Environmental Technology and Innovatio 2021, 21, 101358.	on,	6.1	3
647	Characterization and use of a lignin sample extracted from Eucalyptus grandis sawdust for the removal of methylene blue dye. International Journal of Biological Macromolecules, 2021, 170, 3	75-389.	7.5	43
648	Biochar Generated from Agro-Industry Sugarcane Residue by Low Temperature Pyrolysis Utilized Adsorption Agent for the Removal of Thiamethoxam Pesticide in Wastewater. Water, Air, and So Pollution, 2021, 232, 1.	as an I	2.4	24
649	<i>Ipomoea carnea</i> : a novel biosorbent for the removal of methylene blue (MB) from aqueous solution: kinetic, equilibrium and statistical approach. International Journal of Phytoremediation, 2021, 23, 982-1000.	s dye	3.1	17
650	Successful Application of Eucalyptus Camdulensis Biochar in the Batch Adsorption of Crystal Viol and Methylene Blue Dyes from Aqueous Solution. Sustainability, 2021, 13, 3600.	et	3.2	43
651	Ağır metal iyonlarının tarımsal atıklar ile biyosorpsiyonunun araştırılması. Ör Mühendislik Bilimleri Dergisi, 0, , .	ner Halisdemir Ão	æniyersite 0.5	esi ₁
652	Adsorption Mechanism Study of Radionuclide 60Co by Purified and $\hat{l}\pm$ -Fe2O3-Supported Bentoni Radioactive Solution. Arabian Journal for Science and Engineering, 0, , 1.	te from	3.0	4
653	Viologen-Based Cationic Metal–Organic Framework for Efficient Cr ₂ O ₇ ^{2–} Adsorption and Dye Separation. Inorganic Ch 2021, 60, 5988-5995.	emistry,	4.0	32

#	Article	IF	CITATIONS
654	Adsorption of metals from oil sands process water (OSPW) under natural pH by sludge-based Biochar/Chitosan composite. Water Research, 2021, 194, 116930.	11.3	97
655	Chemical Modification of Agro-Industrial Waste-Based Bioadsorbents for Enhanced Removal of Zn(II) Ions from Aqueous Solutions. Materials, 2021, 14, 2134.	2.9	29
656	Removal of colour and lignin from paper mill wastewater using activated carbon from plastic mix waste. International Journal of Environmental Science and Technology, 2022, 19, 2641-2658.	3.5	9
657	Photodegradation mechanisms of reactive blue 19 dye under UV and simulated solar light irradiation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119481.	3.9	9
658	Pomelo peel and sugar beet pulp as novel biosorbents in purification of biodiesel. Biofuels, 2022, 13, 755-762.	2.4	5
659	Um estudo comparativo entre o peso relativo e o peso para os métodos da soma dos pesos e o produto dos pesos no método AHP na seleção do melhor material para a adsorção de corantes de águas residuárias. The Journal of Engineering and Exact Sciences, 2021, 7, .	0.1	0
660	Sorption of Cu (II) lons by Adsorption using Orange Peel. Journal of Physics: Conference Series, 2021, 1913, 012090.	0.4	1
661	Adsorption of Heavy Metals from Industrial Wastewater using Nanoparticles from Agro Wastes. , 0, , .		0
662	Pigeon Pea Husk for Removal of Emerging Contaminants Trimethoprim and Atenolol from Water. Molecules, 2021, 26, 3158.	3.8	6
663	Waste streams in onion production: Bioactive compounds, quercetin and use of antimicrobial and antioxidative properties. Waste Management, 2021, 126, 476-486.	7.4	28
665	Utilization of Waste-Based Sorbents for Removal of Pharmaceuticals from Water: A Review. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2021, 29, 22-36.	0.4	3
666	Carbon Footprint for Mercury Capture from Coal-Fired Boiler Flue Gas. Energies, 2021, 14, 3844.	3.1	6
667	Polarization induced covalent bonding: A new force of heavy metal adsorption on charged particle surface. Journal of Hazardous Materials, 2021, 412, 125168.	12.4	15
669	Multifunctional amphoteric resin to remove both anionic and cationic dyes from aqueous solution. Journal of Applied Polymer Science, 2021, 138, 51283.	2.6	5
670	Photocatalytic degradation of Rhodamineâ€B dye using composite prepared from drinking water treatment sludge and nano TiO ₂ . Environmental Quality Management, 2022, 31, 175-185.	1.9	10
671	Recovery and recycle of wastewater contaminated with heavy metals using adsorbents incorporated from waste resources and nanomaterials-A review. Chemosphere, 2021, 273, 129677.	8.2	37
672	Hazard-free treatment and resource utilisation of electrolytic manganese residue: A review. Journal of Cleaner Production, 2021, 306, 127224.	9.3	50
673	ADMAP-Functionalized Polyacrylonitrile Fiber Applied for the Efficient Identification and Removal of Metal Ions from Water. Journal of Chemical Education, 2021, 98, 2655-2660.	2.3	3

#	Article	IF	CITATIONS
674	Multifunctional filtration membrane with anti-viscous-oils-fouling capacity and selective dyes adsorption ability for complex wastewater remediation. Journal of Hazardous Materials, 2021, 413, 125379.	12.4	22
675	Elimination of dyes by catalytic reduction in the absence of light: A review. Journal of Materials Science, 2021, 56, 15572-15608.	3.7	47
676	A soft measurement approach of wastewater treatment process by lion swarm optimizer-based extreme learning machine. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109322.	5.0	17
677	Removal of Heavy Metals from Wastewater by Adsorption. , 0, , .		8
678	Experimental and statistical model analysis on Bambusa Tulda (bio-material) for removal of dye contamination from wastewater. Nanotechnology for Environmental Engineering, 2021, 6, 1.	3.3	1
679	Assessing the Plant Phytoremediation Efficacy for Azolla filiculoides in the Treatment of Textile Effluent and Redemption of Congo Red Dye onto Azolla Biomass. Sustainability, 2021, 13, 9588.	3.2	7
680	Assessment of modified Salvadora Persica for removal of 134Cs and 152+154Eu radionuclides from aqueous solution. Environmental Science and Pollution Research, 2021, , 1.	5.3	8
681	In situ biogenic synthesis of CuO nanoparticles over graphene oxide: A potential nanohybrid for water treatment. Journal of Environmental Chemical Engineering, 2021, 9, 105590.	6.7	12
682	Adsorptive potential of modified plant-based adsorbents for sequestration of dyes and heavy metals from wastewater - A review. Journal of Water Process Engineering, 2021, 42, 102148.	5.6	98
683	The potential of biochar and lignin-based adsorbents for wastewater treatment: Comparison, mechanism, and application—A review. Industrial Crops and Products, 2021, 166, 113473.	5.2	52
684	Enhanced adsorption of gentian violet dye from water using lignocellulosic agricultural waste modified with di- and tri-carboxylic acids: Artificial intelligence modeling, practical comprehension, mechanistic and regeneration analyses. Journal of Environmental Chemical Engineering, 2021, 9, 105578.	6.7	12
685	Valorization of Agri-Food Wastes as Sustainable Eco-Materials for Wastewater Treatment: Current State and New Perspectives. Materials, 2021, 14, 4581.	2.9	22
686	A review on synthesis, characterisation and surface modification of magnetic nanoparticle and its composite for removal of heavy metals from wastewater. International Journal of Environmental Analytical Chemistry, 2023, 103, 6510-6525.	3.3	2
687	Sorptive and microbial riddance of micro-pollutant ibuprofen from contaminated water: A state of the Total Environment, 2021, 786, 147327.	8.0	27
688	Metal Ion Adsorption Using Coconut Shell Powder Activated by Chemical and Physical Treatments. Chemical Engineering and Technology, 2021, 44, 2199-2209.	1.5	5
689	Controlled Vertically Aligned Structures in Polymer Composites: Natural Inspiration, Structural Processing, and Functional Application. Advanced Materials, 2021, 33, e2103495.	21.0	62
690	Cooperation between microporous frameworks and micron-sized channel in crystals for excellent chromate removal. Chemical Engineering Journal, 2021, , 132655.	12.7	0
691	Synthesis and Characterization of Hydroxyapatite- (HAP-) Clay Composites and Adsorption Studies on Methylene Blue for Water Treatment. Journal of Chemistry, 2021, 2021, 1-15.	1.9	8

#	Article	IF	CITATIONS
692	Mo-Doped CuO Nanomaterial for Photocatalytic Degradation of Water Pollutants under Visible Light. Catalysts, 2021, 11, 1198.	3.5	12
693	Potentials of agricultural wastes as the ultimate alternative adsorbent for cadmium removal from wastewater. A review. Scientific African, 2021, 13, e00934.	1.5	22
694	Waste derived amendments and their efficacy in mitigation of arsenic contamination in soil and soil–plant systems: A review. Environmental Technology and Innovation, 2021, 24, 101976.	6.1	9
695	Preparation and Characterization of Sludge-Based Magnetic Biochar by Pyrolysis for Methylene Blue Removal. Nanomaterials, 2021, 11, 2473.	4.1	24
696	Enhanced efficiency of a chemically modified hyperbranched Kraft lignin in the removal of pharmaceuticals from water at low microgram per liter levels. Journal of Environmental Chemical Engineering, 2021, 9, 106244.	6.7	2
697	Phenol removal from aqueous solution using synthetic V-shaped organic adsorbent: Kinetics, isotherm, and thermodynamics studies. Chemical Physics Letters, 2021, 781, 138959.	2.6	22
698	Adsorption of metals in oil sands process water by a biochar/iron oxide composite: Influence of the composite structure and surface functional groups. Chemical Engineering Journal, 2021, 421, 129937.	12.7	35
699	Fixed-bed column study for removal of phenol by neem leaves – Experiment, MLR and ANN analysis. Sustainable Chemistry and Pharmacy, 2021, 23, 100514.	3.3	9
700	Investigation of adsorption of organic dyes present in wastewater using chitosan beads immobilized with biofabricated CuO nanoparticles. Journal of Molecular Structure, 2021, 1242, 130749.	3.6	33
701	Magnetic biochar synthesized with waterworks sludge and sewage sludge and its potential for methylene blue removal. Journal of Environmental Chemical Engineering, 2021, 9, 105951.	6.7	45
702	Competitive adsorption of heavy metals onto modified biochars: Comparison of biochar properties and modification methods. Journal of Environmental Management, 2021, 299, 113651.	7.8	50
703	Application of biodegradable cellulose-based biomass materials in wastewater treatment. Environmental Pollution, 2021, 290, 118087.	7.5	56
704	Biochar based photocatalyst for degradation of organic aqueous waste: A review. Chemosphere, 2022, 287, 132200.	8.2	43
705	Strategies to cope with the emerging waste water contaminants through adsorption regimes. , 2022, , 61-106.		7
706	Sorbents from waste materials: A circular economic approach. , 2021, , 285-322.		4
707	Equilibrium and thermodynamic studies on adsorption of Cadmium(II) from aqueous solutions by using powdered pods of Dalbergia sissoo. AlP Conference Proceedings, 2021, , .	0.4	0
708	Application and efficacy of low-cost adsorbents for metal removal from contaminated water: A review. Materials Today: Proceedings, 2021, 43, 2958-2964.	1.8	11
709	Sustainable production of bioadsorbents from municipal and industrial wastes in a circular bioeconomy context. , 2021, , 639-668.		2

#	Article	IF	CITATIONS
710	A state-of-the-art review on wastewater treatment techniques: the effectiveness of adsorption method. Environmental Science and Pollution Research, 2021, 28, 9050-9066.	5.3	366
711	Sustainable Waste Water Treatment Technologies. Textile Science and Clothing Technology, 2018, , 1-25.	0.5	2
712	Removal of Dyes from Industrial Effluents by Application of Combined Biological and Physicochemical Treatment Approaches. , 2020, , 365-407.		5
713	Recovery of Rare Earths, Precious Metals and Bioreduction of Toxic Metals from Wastewater Using Algae. Microorganisms for Sustainability, 2020, , 267-297.	0.7	2
714	Metal ion removal using waste byssus from aquaculture. Scientific Reports, 2020, 10, 22222.	3.3	5
715	CHEMICAL INTERACTIONS TO CLEANUP HIGHLY POLLUTED AUTOMOBILE SERVICE STATION WASTEWATER BY BIOADSORPTION-COAGULATION-FLOCCULATION. Journal of Ecological Engineering, 2017, 18, 1-10.	1.1	4
716	Removal of acid red 88 from wastewater by adsorption on agrobased waste material. A case study of Iranian golden Sesamum indicum hull. Environmental Health Engineering and Management, 2017, 4, 195-201.	0.7	8
717	Flower wastes as a low-cost adsorbent for the removal of acid blue 9. DYNA (Colombia), 2014, 81, 132.	0.4	16
718	Removal of methylene blue from aqueous solutions using cassava peel (Manihot esculenta) modified with phosphoric acid // Remoción de azul de metileno de soluciones acuosas utilizando cáscara de yuca (Manihot esculenta) modificada con ácido fosfórico. Prospectiva, 2017, 15, 60-73.	0.2	8
719	Textile Waste Water and the advanced Oxidative Treatment Process, an Overview. International Journal of Innovative Research in Science, Engineering and Technology, 2014, 03, 15310-15317.	0.4	31
720	PREPARATION AND CHARACTERIZATION OF CARBON FROM THE FRUIT OF BRAZIL NUT TREE ACTIVATED BY PHYSICAL PROCESS. Revista Arvore, 2019, 43, .	0.5	6
721	Removal of Chromium Hexavalent Using Agriculture Waste. International Journal of Environmental Science and Development, 2017, 8, 260-263.	0.6	3
723	Acid Treatment of Crushed Brick (from Central African Republic) and its Ability (After FeOOH Coating) to Adsorb Ferrous Ions from Aqueous Solutions. Open Materials Science Journal, 2012, 6, 50-59.	0.2	6
725	Utilización de subproductos agroindustriales para la bioadsorción de metales pesados. TIP Revista Especializada En Ciencias QuÃmico-Biológicas, 0, 23, .	0.3	5
726	Continuous adsorption of methylene blue dye on the maize stem ground tissue. Acta Periodica Technologica, 2017, , 127-139.	0.2	3
727	Plant waste materials from restaurants as the adsorbents for dyes. Hemijska Industrija, 2015, 69, 667-677.	0.7	10
728	Trends in Adsorption Mechanisms of Fruit Peel Adsorbents to Remove Wastewater Pollutants (Cu (II),) Tj ETQqO	0 0 rgBT /(0.7	Overlock 10 7

729	POTENTIAL USE OF Crambe abyssinica PRESS CAKE AS AN ADSORBENT: BATCH AND CONTINUOUS STUDIES.	0.6	5
122	Environmental Engineering and Management Journal, 2014, 13, 3025-3036.	0.0	

ARTICLE IF CITATIONS Removal of Atrazine from Water Using Oil Palm Shell Based Adsorbents: Equilibrium and Kinetic 731 1.0 2 Study. Journal of Civil Engineering Science and Technology, 2016, 4, 18-23. Comparative Study of Single and Multi-layered Fixed Bed Columns for the Removal of Multi-metal 0.3 Element using Rice Husk Adsorbents. Journal of Applied Sciences, 2014, 14, 1234-1243. Ion-exchange Adsorption of Reactive Dye Solution onto Quaternized Palm Kernel Shell. Journal of 733 0.3 7 Applied Sciences, 2014, 14, 1314-1318. Implication of Electrostatic Forces on the Adsorption Capacity of a Modified Brick for the Removal of 734 0.9 Divalent Cations from Water. American Journal of Analytical Chemistry, 2015, 06, 11-25. Removal of Cu(II), Pb(II) and Zn(II) Ions from Aqueous Solutions Using Selected Agricultural Wastes: 735 0.7 43 Adsorption and Characterisation Studies. Journal of Environmental Protection, 2014, 05, 289-300. <i&gt;Acacia etbaica&lt;/i&gt; as a Potential Low-Cost Adsorbent for Removal of Organochlorine Pesticides from Water. Journal of Water Resource and Protection, 2015, 07, 278-291. 0.8 Removal of Methylene Blue from Water Using Hydroxyapatite Submitted to Microwave Irradiation. 737 0.8 36 Journal of Water Resource and Protection, 2016, 08, 358-371. Selected Adsorbents for Removal of Contaminants from Wastewater: Towards Engineering Clay 0.4 Minerals. Open Journal of Applied Sciences, 2018, 08, 355-369. Biochar in Nutrient Recyclingâ€"The Effect and Its Use in Wastewater Treatment. Open Journal of Soil 739 0.8 20 Science, 2015, 05, 39-44. Comparative adsorption of crude oil using mango (Mangnifera indica) shell and mango shell activated 740 2.5 carbon. Environmental Engineering Research, 2017, 22, 384-392. CAPACIDADE ADSORTIVA DO CARVÃ∱O ATIVADO DE COCO DE BABAÇU FRENTE À REMOÇÃ∱O DE DIURON EM 741 1 SOLUÇÃfO SINTÉTICA., 0,,. Advanced Control Strategy for Wastewater Treatment Process: A Parametric Study. International 745 0.3 Journal of Chemical Engineering and Applications (IJCEA), 2014, 5, 335-341. Comparative Evaluation of Acid and Basic Thermo-Chemical Treatments in the Production of Adsorbents Based on Biodiesel Production Solid Residue. International Journal of Environmental 746 0.6 1 Science and Development, 2016, 7, 234-239. Adsorption of Copper by Raw Pinecone. American Chemical Science Journal, 2014, 4, 992-1000. 747 0.2 Adsorption of Copper by Biochar. International Research Journal of Pure and Applied Chemistry, 2014, 748 0.2 9 4, 727-736. Bioremediation of Textile Dyeing Effluent Using Algae - A Review. Journal of Advances in Microbiology, 749 Study of Metal Adsorbent Prepared from Tur Dal (Cajanus cajan) Husk: A Value Addition to Agro-waste. 750 0.15 IOSR Journal of Environmental Science, Toxicology and Food Technology, 2014, 8, 43-54. Preparation and Application of Chitosan-Based Membrane: Focusing on Dye Removal. Sustainable Textiles, 2022, , 121-179.

# 752	ARTICLE Biosorption potentials of sawdust in removing zinc ions from aqueous solution. International Journal of Scientific Research and Management, 2021, 9, 191-198.	IF 0.1	CITATIONS 3
753	Activated Carbon from Various Agricultural Wastes by H ₃ PO ₄ Activation: Preparation and Characterization. Chemical Engineering and Technology, 2021, 44, 2327-2332.	1.5	6
754	Adsorption and equilibrium studies of methyl orange on tamarind shell activated carbon and their characterization. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 225-230.	1.6	8
755	Adsorption desalination: Advances in porous adsorbents. Chinese Journal of Chemical Engineering, 2022, 42, 151-169.	3.5	17
756	Natural Materials as Low Cost Adsorbents for Water Treatment. , 2012, , 347-362.		0
757	Concevoir des toitures végétalisées multifonctions en vue de l'épuration des eaux pluviales et du développement de la biodiversité urbaine. Techniques - Sciences - Methodes, 2014, , 45-57.	0.0	0
758	ESTUDO CINÉTICO E DE EQUILÃBRIO DE ADSORÇÃO PARA REMOÇÃO DE FENOL EM SOLUÇÕES AQUO UTILIZANDO CARVÃO ATIVADO COM CO2. , 0, , .	ISAS	0
759	CARACTERIZAÇÃ∱O FÃSICA, QUÃMICA E TÉRMICA DE ENDOCARPOS DE BUTIÃS. , 0, , .		1
760	OBTENĂ‡ĂƒO DE ADSORVENTE ALTERNATIVO UTILIZANDO LODO ATIVADO DA INDĂšSTRIA DE PAPEL E CELULO PARA A ADSORĂ‡ĂƒO DE CORANTES. , 0, , .	SE	0
761	AVALIAÇÃO DO USO DE CARVÃO ATIVADO PREPARADO A PARTIR DE PALHA DO COQUEIRO PARA ADSORÇ DE FENOL DE SOLUÇÕES AQUOSAS. , 0, , .	ÃfO	0
762	ADSORÇÃO DE HORMÔNIOS EM SOLUÇÃO PRESENTES NOS EFUENTES DA SUINOCULTURA UTILIZANDO CASCA DE ARROZ COMO ADSORVENTE. , 0, , .		0
763	ADSORÇÃO DE AZUL DE METILENO EM PARTÃCULAS DE ENDOCARPOS DE BUTIÃS. , 0, , .		1
764	ADSORPTIVE REMOVAL OF METHYLENE BLUE AND ACID ORANGE 7 BY HEXADECYLTRIMETHYLAMMONIUM BROMIDE MODIFIED RICE HUSK. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
765	The role of microalgae in textile dye industrial waste Water recycle (phycoremediation). International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	0
766	Removal of orthophosphates in water by modified carbonate material of biological origin. Linnaeus Eco-Tech, 0, , .	0.0	1
767	Moringa Seed, Residual Coffee Powder, and Banana Peel as Biosorbents for Uranium Removal from Acid Mine Drainage. International Journal of Engineering Research and Applications, 2017, 07, 60-68.	0.1	0
768	PEMANFAATAN POTENSI TANDAN KOSONG KELAPA SAWIT (Elais guineensis) SEBAGAI ADSORBEN KADMIUM TERLARUT. Jurnal Riset Teknologi Pencegahan Pencemaran Industri, 2017, 8, 55-66.	0.1	4
769	Microbial Degradation of Azo Dyes. Advances in Environmental Engineering and Green Technologies Book Series, 2018, , 341-371.	0.4	0

#	Article	IF	Citations
770	Development of Agro-Industrial Waste Reinforced Natural Rubber Composite: A Potential Formulation for Rubber Flooring Product. Journal of Advanced Chemical Sciences, 2018, 4, 571-575.	0.3	0
771	Preparation of a Magnetic Composite Based on Cellulose Nanocrystals and Polyvinyl Alcohol and its Efficient Use for Removal of Nickel and Zinc Ions from Aqueous Solutions. Journal of Agricultural Chemistry and Biotechnology, 2018, 9, 289-294.	0.1	0
772	Utilization of waste materials in heavy metals and radionuclides imobilization by sorption. Tehnika, 2019, 74, 337-344.	0.2	0
773	Nanopolysaccharides in Environmental Treatments. Springer Series in Biomaterials Science and Engineering, 2019, , 255-282.	1.0	2
774	Porous Materials Obtained from Nonconventional Sources Used in Wastewater Treatment Processes. , 2019, , 353-372.		0
775	Adsorption Study of Acid Red 114 and Basic Blue 3 on Sunflower Stalk. Journal of Water Resource and Protection, 2019, 11, 68-81.	0.8	1
776	Application of Persulfate in Textile Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 70-98.	0.4	0
777	Microbial Degradation of Azo Dyes. , 2019, , 1867-1897.		0
778	Investigation of nigrosine, alizarin, indigo and acid fuchsin removal by modification of CaO derived from eggshell with AgI: Adsorption, kinetic and photocatalytic studies. European Journal of Chemistry, 2019, 10, 64-71.	0.6	1
779	Produção de membranas de polipropileno e carvão para adsorção de azul de metileno. Revista Brasileira De Ciência Tecnologia E Inovação, 2019, 4, 46.	0.1	0
780	Biyogazdan H2S Giderimi için Aktif Karbon ile Adsorpsiyon Yöntemi. Academic Perspective Procedia, 2019, 2, 492-501.	0.0	0
781	Adsorptive Removal of Methylene Blue in Aqueous Solutions Through Raw and Modified Cantaloupe Peel Wastes: Kinetic and Isotherm Study. Avicenna Journal of Environmental Health Engineering, 2020, 7, 35-46.	0.6	0
782	Degradation of Dyes Using Filamentous Fungi. Sustainable Textiles, 2022, , 51-66.	0.7	6
783	Modern Carbon–Based Materials for Adsorptive Removal of Organic and Inorganic Pollutants from Water and Wastewater. Molecules, 2021, 26, 6628.	3.8	37
784	Investigation of Dye Effluent Treatment Using Unmodified and Modified Biobased Sorbent and Its Process Economics. Journal of Hazardous, Toxic, and Radioactive Waste, 2022, 26, .	2.0	6
785	Use of a new zwitterionic cellulose derivative for removal of crystal violet and orange II from aqueous solutions. Journal of Hazardous Materials, 2022, 424, 127401.	12.4	22
786	Removal of Congo red and bromophenol red dyes from aqueous solutions by adsorption onto a low-cost adsorbent: Pomegranate seeds wastes. AIP Conference Proceedings, 2020, , .	0.4	3
787	Rice Husk Bio-Chars as Adsorbent for Methylene Blue and Ethinylestradiol from Water. Journal of Renewable Materials, 2020, 8, 275-287.	2.2	2

#	Article	IF	CITATIONS
788	Evaluation of adsortive potential of coconut mesocarp in the removal of reactive red dye 195 in aqueous effluents. Revista Materia, 2020, 25, .	0.2	2
789	Development of a Water Purifier Made from Green Coconut Fiber: Application of an Innovative Product. Climate Change Management, 2020, , 287-299.	0.8	0
790	Agricultural Waste Absorbents for Heavy Metal Removal. Environmental Chemistry for A Sustainable World, 2021, , 195-228.	0.5	10
791	Adsorption of copper ions from solution using xanthate wheat straw. Water Science and Technology, 2020, 82, 2029-2038.	2.5	6
792	Unconventional Adsorbents for Remediation of Metal Pollution in Waters. Environmental Chemistry for A Sustainable World, 2021, , 123-146.	0.5	0
793	Approach for Capacitive Deionizing the RO Reject via Developed Carbon-Coated Nickel Foam-Based Electrode. Journal of Hazardous, Toxic, and Radioactive Waste, 2022, 26, .	2.0	1
794	Preparation and Characterization of Biochar Derived from Agricultural By-Products for Dye Removal. Adsorption Science and Technology, 2021, 2021, 1-14.	3.2	19
795	Adsorptive removal of organic dyes via porous materials for wastewater treatment in recent decades: A review on species, mechanisms and perspectives. Chemosphere, 2022, 293, 133464.	8.2	146
796	Adsorption, Kinetic, Equilibrium, Thermodynamic and Photocatalytic Investigations of the Removal of Nigrosin, Alizarin, Indigo and Acid Fuchsin Dyes on Modified CaO Surface. Asian Journal of Applied Chemistry Research, 0, , 19-32.	0.0	0
797	THE APPLICATION OF WHEAT BRAN FOR THE REMOVAL OF COPPER IONS FROM POLLUTED WATER. , 0, , .		0
798	Lignocellulosic Materials Used as Biosorbents for the Capture of Nickel (II) in Aqueous Solution. Applied Sciences (Switzerland), 2022, 12, 933.	2.5	6
799	Integrated processes for production of pharmaceutical products from agro-wastes. , 2022, , 439-461.		2
800	A hydrostable Cull coordination network prepared hydrothermally as a "turn-on―fluorescent sensor for S2â^' and a selective adsorbent for methylene blue. Dalton Transactions, 2022, , .	3.3	6
801	Nanostructured catalytic membranes for water filtration. , 2022, , 389-412.		1
802	Adsorption of crystal violet dye by coconut husk powder: Isotherm, kinetics and thermodynamics perspectives. Environmental Nanotechnology, Monitoring and Management, 2022, 17, 100651.	2.9	37
803	Implications of bacterial bioflocculant for public health demands. , 2022, , 193-226.		0
804	Agro-wastes sustainable materials for wastewater treatment: Review of current scenario and approaches for India. Materials Today: Proceedings, 2022, 60, 552-558.	1.8	6
805	Sodium alginate crosslinker engineered UCST hydrogel towards superior mechanical properties and controllable dye removal. Carbohydrate Polymers, 2022, 285, 119232.	10.2	10

#	Article	IF	CITATIONS
807	Removal of lead and copper from wastewater using Bael fruit shell as an adsorbent. Materials Today: Proceedings, 2022, 53, 65-70.	1.8	2
808	Modified Hazelnut Shells as a Novel Adsorbent for the Removal of Nitrate from Wastewater. Water (Switzerland), 2022, 14, 816.	2.7	11
809	Novel Wastewater Treatment by Using Newly Prepared Green Seaweed–Zeolite Nanocomposite. ACS Omega, 2022, 7, 11044-11056.	3.5	8
810	EXTRACTION AND CHARACTERIZATION OF LIGNIN FROM MOROCCAN THUYA. ITS APPLICATION AS ADSORBENT OF METHYLENE BLUE FROM AQUEOUS SOLUTION. Cellulose Chemistry and Technology, 2022, 56, 69-81.	1.2	7
811	Development and Characterization of Bioadsorbents Derived from Different Agricultural Wastes for Water Reclamation: A Review. Applied Sciences (Switzerland), 2022, 12, 2740.	2.5	13
812	Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology. Processes, 2022, 10, 523.	2.8	15
813	Novel Copolymer Cationic from Agroindustrial Waste using Microwave. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 458-464.	0.2	0
814	An eco-friendly and reusable syringe filter membrane for the efficient removal of dyes from water via low pressure filtration assisted self-assembling of graphene oxide and SBA-15/PDA. Journal of Cleaner Production, 2022, 349, 131425.	9.3	38
815	Ball-milled synthesis of maize biochar-ZnO nanocomposite (MB-ZnO) and estimation of its photocatalytic ability against different organic and inorganic pollutants. Journal of Saudi Chemical Society, 2022, 26, 101445.	5.2	33
816	Biobased mussel-inspired underwater superoleophobic chitosan derived complex hydrogel coated cotton fabric for oil/water separation. International Journal of Biological Macromolecules, 2022, 209, 279-289.	7.5	21
817	Development of organic porous material from pineapple waste as a support for enzyme and dye adsorption. Industrial Crops and Products, 2022, 181, 114823.	5.2	17
818	Production of chemically and microwave activated hazelnut husk as an adsorbent for dye contaminated wastewaters. Journal of Innovative Science and Engineering (JISE), 0, , .	0.7	0
819	Sustainable removal of Cr(VI) from wastewater by Peltophorum pterocarpum leaf powder. Materials Today: Proceedings, 2021, , .	1.8	2
820	Removal of Hydrophobic Contaminants from the Soil by Adsorption onto Carbon Materials and Microbial Degradation. Journal of Carbon Research, 2021, 7, 83.	2.7	9
821	Application of Waste-Derived Activated Red Mud/Base Treated Rice Husk Composite in Sulfate Adsorption from Aqueous Solution. International Journal of Environmental Research, 2022, 16, 1.	2.3	5
822	Utilization of corncob as adsorbent to remove oil and grease from produced water. Petroleum Science and Technology, 2023, 41, 477-492.	1.5	1
823	Polymeric Biomass Derived Adsorbents for Co(II) Remediation, Recycling and Analysis. Polymers, 2022, 14, 1647.	4.5	8
824	Use of microorganisms and agro-industrial wastes in the biosorption of chromium (VI): a review. Waste and Biomass Valorization, 2022, 13, 4115-4136.	3.4	5

#	Δρτιςι ε	IF	CITATIONS
* 825	Recent advances of bismuth titanate based photocatalysts engineering for enhanced organic	8.2	40
	Comparative evaluation of the efficiency of low-cost adsorbents and ligninolytic fungi to remove a		
826	combination of xenoestrogens and pesticides from a landfill leachate and abate its phytotoxicity. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 958-70.	1.7	2
827	Overview of Nano-agro-composite Additives for Wastewater and Effluent Treatment. Green Energy and Technology, 2022, , 223-236.	0.6	2
828	Amyloid-Based Carbon Aerogels for Water Purification. SSRN Electronic Journal, 0, , .	0.4	0
829	Use of industrial residues for heavy metals immobilization in contaminated site remediation: a brief review. International Journal of Environmental Science and Technology, 2023, 20, 2313-2326.	3.5	10
830	Construction of stable beta-cyclodextrin grafted polypropylene nonwoven fabrics for the adsorption of bisphenol A. Radiation Physics and Chemistry, 2022, 198, 110223.	2.8	5
831	Recent Advances in Photocatalytic Removal of Organic and Inorganic Pollutants in Air. SSRN Electronic Journal, 0, , .	0.4	0
832	Adsorption: A Cost-Effective Wastewater Treatment Technology for Removal of Conventional and Emerging Organic Contaminants. Handbook of Environmental Chemistry, 2022, , 17-33.	0.4	Ο
833	Biochar admixture cement mortar fines for adsorptive removal of heavy metals in single and multimetal solution: Insights into the sorption mechanisms and environmental significance. Science of the Total Environment, 2022, 839, 155992.	8.0	12
834	Comparative study on the adsorption characteristics of a <scp>triazineâ€Si</scp> hybrid polymer adsorbent and the natural adsorbents for removal of methylene blue from industrial wastewaters. Journal of Applied Polymer Science, 0, , .	2.6	Ο
835	Ionic liquid decorated MXene/Poly (N-isopropylacrylamide) composite hydrogel with high strength, chemical stability and strong adsorption. Chemosphere, 2022, 303, 135083.	8.2	3
836	Catalytical efficiency, mechanism and characterization of hydrolysed waste eggshell in the subcritical water oxidation of pistachio processing wastewater. Journal of Environmental Management, 2022, 317, 115326.	7.8	4
837	Environmental-Friendly Adsorbent Composite Based on Hydroxyapatite/Hydroxypropyl Methyl-Cellulose for Removal of Cationic Dyes from an Aqueous Solution. Polymers, 2022, 14, 2147.	4.5	10
838	A Review of Soil Injection of Liquid Organic Wastes: Potentials and Challenges. Environmental Processes, 2022, 9, .	3.5	1
839	Conversion of Tannery Waste into Value-Added Products. ACS Symposium Series, 0, , 157-195.	0.5	0
840	Keefektifan Konseling Kelompok Cognitive Behavioral Therapy (CBT) dengan Teknik Modeling Simbolis dan Role Playing untuk Meningkatkan Self-Confidence pada Siswa. Bulletin of Counseling and Psychotherapy, 2022, 4, 64-69.	0.1	1
841	Agro-industrial residues as biosorbents for the removal of anti-inflammatories from aqueous matrices: An overview. Environmental Advances, 2022, 9, 100261.	4.8	4
842	Amyloid-based carbon aerogels for water purification. Chemical Engineering Journal, 2022, 449, 137703.	12.7	21

#	Article	IF	Citations
843	Activated carbon derived from cherry flower biowaste with a self-doped heteroatom and large specific surface area for supercapacitor and sodium-ion battery applications. Chemosphere, 2022, 303, 135290.	8.2	70
844	Use of Native and Acid-modified Spent Grain to Remove Oil from Wastewater. Ecology and Industry of Russia, 2022, 26, 20-25.	0.4	0
845	Low-cost Posidonia oceanica bio-adsorbent for efficient removal of antibiotic oxytetracycline from water. Environmental Science and Pollution Research, 2022, 29, 83112-83125.	5.3	10
846	SORBENTS BASED ON NON-CARBONIZED VEGEÂTABLE RAW MATERIALS. Ukrainian Chemistry Journal, 2022, 88, 37-68.	0.5	2
847	The Potentials of Activated Carbons from <i>Elaeis Guineensis</i> Biomasses for Produced Water Treatment: Harnessing Renewable Resources for Future Oil and Gas Production Enhancement in Africa. , 2022, , .		0
848	Effective adsorption of diclofenac sodium from aqueous solution using cationic surfactant modified <i>Cuminum cyminum</i> agri-waste: kinetic, equilibrium, and thermodynamic studies. International Journal of Phytoremediation, 2023, 25, 840-850.	3.1	20
849	Phosphorus Adsorption on Blast Furnace Slag with Different Magnetism and Its Potential for Phosphorus Recovery. Water (Switzerland), 2022, 14, 2452.	2.7	2
850	Sustainable re-utilization of waste materials as adsorbents for water and wastewater treatment in Africa: Recent studies, research gaps, and way forward for emerging economies. Environmental Advances, 2022, 9, 100282.	4.8	22
851	Advances and prospects of corn husk as a sustainable material in composites and other technical applications. Journal of Cleaner Production, 2022, 371, 133563.	9.3	25
852	Recent advances in the removal of dyes from wastewater using low-cost adsorbents. Journal of Environmental Management, 2022, 321, 115981.	7.8	75
853	Chitosan-Based Composite Beads for Removal of Anionic Dyes. Sustainable Textiles, 2022, , 47-73.	0.7	0
854	Cyanobacteria for Bioremediation of Contaminated Soil. , 2022, , 203-220.		1
855	Contaminação de efluentes por amoxicilina: consequências ambientais e métodos de remoção. , 2022, 1 8-20.	.,	0
856	Wheat brans as waste biomass based on a potential bio–adsorbent for removing platinum(IV) ions from aqueous phase. Bioresource Technology Reports, 2022, 20, 101238.	2.7	0
857	Multiscale modeling approach for removal of heavy metal ions from water: A review. Current Directions in Water Scarcity Research, 2022, , 439-457.	0.6	2
858	Biosorption potential of olive leaves as a novel low-cost adsorbent for the removal of hexavalent chromium from wastewater. Biomass Conversion and Biorefinery, 0, , .	4.6	7
860	Cellulose-based materials and their adsorptive removal efficiency for dyes: A review. International Journal of Biological Macromolecules, 2023, 224, 1337-1355.	7.5	66
861	Application of Surface Modified Carbon Nanotubes for Water Purification. ACS Symposium Series, 0, , 71-99.	0.5	0

#	Article	IF	CITATIONS
862	Bio-sorption of Methylene Blue by Defatted Seed of Adansonia digitata. Earthline Journal of Chemical Sciences, 0, , 139-156.	0.0	0
863	Recent development of eco-friendly nanocomposite carbon paste electrode for voltammetric determination of Cd(II) in real samples. Analytical Sciences, 2023, 39, 179-190.	1.6	2
864	Heavy metal water pollution: an overview about remediation, removal and recovery of metals from contaminated water. , 2023, , 263-284.		4
865	Energy-saving production of high value-added foamed glass ceramic from blast furnace slag and hazardous wastes containing heavy metal ions. Journal of Cleaner Production, 2023, 383, 135544.	9.3	15
866	Equilibrium and DFT modeling studies for the biosorption of Safranin O dye from water samples using Bacillus subtilis biosorbent. Journal of Molecular Structure, 2023, 1276, 134761.	3.6	5
867	Uso do biossorvente coco verde para remoção de Ferro e Manganês em água de poço. Vértices, 2022, 24, 932-947.	0.1	0
868	Adsorption of Safranin dye, an emerging contaminant from wastewater by modified bamboo (<i>Bambusa Tulda</i>): Characterization and column model analysis. Environmental Quality Management, 2023, 33, 193-204.	1.9	2
869	Beneficial effects, challenges and opportunities of the filamentous fungus, <scp><i>Aspergillus niger</i></scp> with special reference to the shrimp feed industry—A review. Reviews in Aquaculture, 2023, 15, 1311-1334.	9.0	3
870	Adsorption characteristic analysis of PAHs on activated carbon with different functional groups by molecular simulation. Environmental Science and Pollution Research, 2023, 30, 32452-32463.	5.3	5
871	Removal of Phenanthrene from wastewater with low-cost adsorbents. IOP Conference Series: Earth and Environmental Science, 2022, 1123, 012081.	0.3	0
873	Microwave heating rate and dielectric properties of some agricultural wastes. Nordic Pulp and Paper Research Journal, 2022, .	0.7	0
874	Food waste valorization for handling environmental problems: a review. Environmental Sustainability, 2022, 5, 401-421.	2.8	3
875	Alginate coated superparamagnetic iron oxide nanoparticles as nanocomposite adsorbents for arsenic removal from aqueous solutions. Separation and Purification Technology, 2023, 310, 123193.	7.9	15
876	Brief status of contamination in surface water of rivers of India by heavy metals: a review with pollution indices and health risk assessment. Environmental Geochemistry and Health, 2023, 45, 2779-2801.	3.4	4
877	A brief overview on advances in water treatment process. , 2023, , 107-131.		0
878	Silver-coated activated carbon nanocomposite by Moringa oleifera for dye removal by multivariate optimization approach. Biomass Conversion and Biorefinery, 0, , .	4.6	4
879	Recent advances of nanocellulose as biobased adsorbent for heavy metal ions removal: A sustainable approach integrating with waste management. Environmental Nanotechnology, Monitoring and Management, 2023, 20, 100791.	2.9	7
880	Water Energy Food Nexus to Tackle Future Arab Countries Water Scarcity. Air, Soil and Water Research, 2023, 16, 117862212311609.	2.5	3

#	Article	IF	CITATIONS
881	Production of adsorbent for removal of propranolol hydrochloride: Use of residues from Bactris guineensis fruit palm with economically exploitable potential from the Colombian Caribbean. Journal of Molecular Liquids, 2023, 380, 121677.	4.9	10
883	Simultaneous removal of anionic and cationic dyes from wastewater with biosorbents from banana peels. Canadian Journal of Chemical Engineering, 2023, 101, 5576-5599.	1.7	2
884	Improving the Deodorizing Ability of Cotton Fabric by Printing with Bamboo Charcoal. Journal of Natural Fibers, 2023, 20, .	3.1	1
885	Enzyme immobilization as a sustainable approach toward ecological remediation of organic-contaminated soils: Advances, issues, and future perspectives. Critical Reviews in Environmental Science and Technology, 2023, 53, 1684-1708.	12.8	4
886	Effective removal of Ni(II) ions from its aqueous solution by utilizing Euphorbia thymifolia as an adsorbent. Environmental Science and Pollution Research, 0, , .	5.3	0
887	Boronation of Biomass-Derived Materials for Hydrogen Storage. Compounds, 2023, 3, 244-279.	1.9	4
888	Cadmium and lead ions adsorption on magnetite, silica, alumina, and cellulosic materials. Scientific Reports, 2023, 13, .	3.3	3
889	Pollution of Water Resources from Oil Products in Republic of Armenia. Handbook of Environmental Chemistry, 2023, , .	0.4	0
890	Agriculture byproduct-derived versatile Cassia fistula seed shell carbon for the removal of acid violet 17 dye from aqueous solution: adsorption kinetics, equilibrium, and mechanism studies. Biomass Conversion and Biorefinery, 2023, 13, 9507-9523.	4.6	3
891	Synthesis of alumina-carbon framework for efficient sorption of methyl orange from wastewater with factorial design and mechanisms. Groundwater for Sustainable Development, 2023, 22, 100950.	4.6	14
892	Effective assessment of biopolymer-based multifunctional sorbents for the remediation of environmentally hazardous contaminants from aqueous solutions. Chemosphere, 2023, 329, 138552.	8.2	14
893	Rapid adsorptive removal of chromium from wastewater using walnut-derived biosorbents. Scientific Reports, 2023, 13, .	3.3	18
894	Robust removal of cationic dyes by zinc ferrite composites in single and ternary dye systems. Inorganic Chemistry Communication, 2023, 153, 110756.	3.9	3
895	Removal of caffeine using agro-industrial residues in fixed-bed columns: Improving the adsorption capacity and efficiency by selecting adequate physical and operational parameters. Journal of Water Process Engineering, 2023, 53, 103778.	5.6	3
896	Utilizing waste mango and avocado seeds for highly effective dye removal with activated carbon. Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 71-79.	0.1	0
897	Preparation of ZnMgAl-Layered Double Hydroxide and Rice Husk Biochar Composites for Cu(II) and Pb(II) Ions Removal from Synthetic Wastewater. Water (Switzerland), 2023, 15, 2207.	2.7	1
898	Facile preparation of micro-porous biochar from Bangladeshi sprouted agricultural waste (corncob) via in-house built heating chamber for cationic dye removal. Arabian Journal of Chemistry, 2023, 16, 105080.	4.9	6
899	Brief insights of various adsorbents utilized for the sequestration of toxic pollutants from aqueous phase: a review. Journal of Dispersion Science and Technology, 0, , 1-31.	2.4	0

#	Article	IF	CITATIONS
900	Fabrication of demethylated lignin-based micro-particle for efficient adsorption of malachite green from aqueous solution. Journal of Molecular Liquids, 2023, 382, 121935.	4.9	9
901	Date Palm Byproducts for WasteWater Treatment. Materials Horizons, 2023, , 251-269.	0.6	0
902	Natural materials as adsorbents for water purification. , 2023, , 123-144.		0
903	Urea–Lignin/Chitosan Nanocomposite as Slow-Release Nanofertilizer. ACS Agricultural Science and Technology, 2023, 3, 463-476.	2.3	3
904	Wastewater Treatment Methods. Water Resources Development and Management, 2023, , 35-52.	0.4	0
905	Removal of copper and zinc in metal working fluid using coconut composite filter media. IOP Conference Series: Earth and Environmental Science, 2023, 1205, 012024.	0.3	Ο
906	Technologies for the production of value-added products from agro-wastes and their possible applications. , 2023, , 39-66.		0
907	Bioadsorbents for the removal of salt ions from saline water: a comprehensive review. Journal of Engineering and Applied Science, 2023, 70, .	2.0	0
908	Binary adsorption isotherms of methylene blue and crystal violet on mandarin peels: prediction via detailed multivariate calibration and density functional theory (DFT) calculations. Environmental Science and Pollution Research, 0, , .	5.3	1
909	Adsorption behavior of reactive Red 24 and methylene blue onto Brewer's spent grain: characterization, kinetics, and isotherms modeling. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	3.3	Ο
910	Clay-Based Nanocomposites and Hybrid Membrane for the Treatment of Wastewater. Advances in Material Research and Technology, 2023, , 437-450.	0.6	0
911	Advances in green materials derived from wood for detecting and removing mercury ions in water. Environmental Pollution, 2023, 335, 122351.	7.5	1
912	Green synthesis of a mesoporous hyper-cross-linked polyamide/polyamine 3D network through Michael addition for the treatment of heavy metals and organic dyes contaminated wastewater. Chemosphere, 2023, 340, 139805.	8.2	2
913	Synthesis of a novel porous organic polymer containing triazine and cyclohexanone rings as an efficient methyl red adsorbent from aqueous solutions. Scientific Reports, 2023, 13, .	3.3	2
914	A critical review on the separation of heavy metal(loid)s from the contaminated water using various agricultural wastes. International Journal of Phytoremediation, 2024, 26, 349-368.	3.1	3
915	Utilization of agriculture waste materials as sustainable adsorbents for heavy metal removal: A comprehensive review. Journal of Engineering Research, 2023, , .	0.7	3
916	A review on sustainable mesoporous activated carbon as adsorbent for efficient removal of hazardous dyes from industrial wastewater. Journal of Water Process Engineering, 2023, 54, 104054.	5.6	15
917	Remediation treatment and resource utilization trends of electrolytic manganese residue. Minerals Engineering, 2023, 202, 108264.	4.3	0

#	Article	IF	CITATIONS
918	Research on the Preparation of Biochar from Waste and Its Application in Environmental Remediation. Water (Switzerland), 2023, 15, 3387.	2.7	0
919	Cellulose-based adsorbent materials for water remediation: Harnessing their potential in heavy metals and dyes removal. Journal of Cleaner Production, 2023, 421, 138555.	9.3	3
920	Mucor cells passively immobilized on rose waste phyto-biomass: An eco-friendly hybrid material for the biotreatment of reactive dye contamination. Sustainable Materials and Technologies, 2023, 38, e00705.	3.3	0
922	Sorption Kinects and Equilibrium for The Removal of Cadmium and Lead from Aqueous Phase on Rice Husk in Inverse Fluidization Technique. IOP Conference Series: Earth and Environmental Science, 2023, 1232, 012010.	0.3	0
924	Native and magnetically modified Ulva rigida biomass for dye removal. Biomass Conversion and Biorefinery, 0, , .	4.6	0
925	The biosorption of Zn2+ by various biomasses from wastewater: A review. Journal of Water Process Engineering, 2023, 56, 104389.	5.6	2
926	Nanoadsorbents in nanofilter membrane. , 2023, , 387-408.		0
927	Adsorption of methyl orange on low-cost adsorbent natural materials and modified natural materials: a review. International Journal of Phytoremediation, 0, , 1-30.	3.1	0
928	Hydrothermal carbonization of vegetable-tanned leather shavings (HTC-VTS) for environmental remediation: optimization of process conditions. Royal Society Open Science, 2023, 10, .	2.4	0
929	Fluoride as a global groundwater contaminant. , 2024, , 319-350.		2
930	Preparation of Graphene Oxide Hydrogels and Their Adsorption Applications toward Various Heavy Metal Ions in Aqueous Media. Applied Sciences (Switzerland), 2023, 13, 11948.	2.5	0
931	Exfoliated MXene/poly-melamine-formaldehyde composite membranes for removal of heavy metals and organics from aqueous solutions. Journal of Hazardous Materials, 2024, 463, 132866.	12.4	0
932	Copper Ion Removal Using a Waste-Plastic-Derived Hydrogel Adsorbent Prepared via Microwave-Assisted PET Aminolysis. Gels, 2023, 9, 874.	4.5	2
933	A review on the current approach for the sustainable production of nanocomposites from agricultural wastes and their application for the adsorption of organophosphate flame retardants. Polymers and Polymer Composites, 2023, 31, .	1.9	0
934	Catalyzing innovation of exploring the vast potential of low-cost alternative adsorbents in diverse applications: A review. Microchemical Journal, 2024, 196, 109683.	4.5	1
935	Influences of Mg-activation on sugarcane bagasse biochar characteristics and its PNP removing potentials from contaminated water. Scientific Reports, 2023, 13, .	3.3	0
936	Recent advances in cellulose-based sustainable materials for wastewater treatment: An overview. International Journal of Biological Macromolecules, 2024, 256, 128517.	7.5	1
937	Investigation for Fixed-Bed-Column Adsorption of Nickel Using Cellulose/Chitosan/Fe3O4. Russian Journal of Physical Chemistry A, 2023, 97, 2582-2591.	0.6	0

		CITATION RE	PORT	
#	Article		IF	CITATIONS
938	Biotechnology-Based Strategies for Removal of Emerging Contaminants. , 2023, , 95-1	.24.		0
939	Integration of hierarchical magnesium silicate with polypyrrole-coated hollow Fe3O4 h synergistic adsorbent toward efficient water treatment. Colloids and Surfaces A: Physi and Engineering Aspects, 2024, 681, 132745.	ybrids as a cochemical	4.7	Ο
940	Removal of manganese from wastewater using Moringa stenopetala plant parts as an material. Heliyon, 2023, 9, e22517.	adsorbent	3.2	0
942	Mercury Adsorption Using Biowaste Biochar: A Green Technology Approach. Environm and Engineering, 2023, , 165-186.	ental Science	0.2	0
943	A facile one-pot synthesis of Ag2Te nanoparticles and the fabrication of nanocomposit removal of chromium (VI) in wastewater. Inorganic Chemistry Communication, 2024,	es for the 159, 111755.	3.9	0
944	Fabrication and characterization of the novel tubular ceramic membrane using walnut application in TiO2 nanoparticles separation from suspension. Ceramics International, 8706-8717.	shells and its 2024, 50,	4.8	0
945	Green sorbents from agricultural wastes: A review of sustainable adsorption materials. Surface Science Advances, 2024, 19, 100562.	Applied	6.8	3
947	Insights into the synthesis of hydrogels containing glycerol-based macromonomers for treatment: Focus on the efficient extraction of caffeine and mercury. Journal of Environ Chemical Engineering, 2024, 12, 111811.	r wastewater nmental	6.7	0
948	A mini-review on agro waste mediated technologies used for landfill leachate treatmer Water Process Engineering, 2024, 57, 104685.	ıt. Journal of	5.6	0
949	Clay-moringa seedcake composite for removal of cationic and anionic dyes. Chemosph 141083.	nere, 2023, ,	8.2	0
950	Advances in lignin-based biosorbents for sustainable wastewater treatment. Bioresour 2024, 395, 130347.	ce Technology,	9.6	0
951	Green adsorbents and solvents in food analysis. , 2024, , 93-136.			0
952	Polypyrrole-decorated bentonite magnetic nanocomposite: A green approach for adso anionic methyl orange and cationic crystal violet dyes from contaminated water. Envir Research, 2024, 247, 118193.	rption of onmental	7.5	1
953	Biosorption process for antibiotics removal. , 2024, , 369-458.			0
954	Nitrate and Ammonium Removals from Groundwater by Permeable Reactive Barrier Me Column Experiments. Water, Air, and Soil Pollution, 2024, 235, .	ethod (PRB):	2.4	0
955	Fog harvesting efficiency analysis of biomimicking surfaces: A review. Proceedings of t of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , .	he Institution	2.5	0
956	Wastewater Treatment Utilizing Industrial Waste Fly Ash as a Low-Cost Adsorbent for Removal: Literature Review. Clean Technologies, 2024, 6, 221-279.	Heavy Metal	4.2	0
957	Wastewater Treatment Approaches for the Removal of Antidepressant Residues. , 0, ,			0

		CITATION REPORT		
#	Article	IF	CITATIONS	
958	Advances in Agricultural Technology: A Review of Slow-Release Nanofertilizers and Innovative Carriers. Communications in Soil Science and Plant Analysis, 2024, 55, 1849-1882.	1.4	0	