

The use of an agricultural waste material, Jujuba seeds f (Congo red) from aqueous medium

Journal of Hazardous Materials

203-204, 118-127

DOI: [10.1016/j.jhazmat.2011.11.083](https://doi.org/10.1016/j.jhazmat.2011.11.083)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Methylene blue adsorption onto swede rape straw (<i>Brassica napus</i> L.) modified by tartaric acid: Equilibrium, kinetic and adsorption mechanisms. <i>Bioresource Technology</i> , 2012, 125, 138-144.	4.8	150
2	Adsorption of methylene blue dye from aqueous solution by sugar extracted spent rice biomass. <i>Carbohydrate Polymers</i> , 2012, 90, 1314-1322.	5.1	152
3	Comparison of <i>Spirulina platensis</i> microalgae and commercial activated carbon as adsorbents for the removal of Reactive Red 120 dye from aqueous effluents. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 146-153.	6.5	213
4	Fixed-bed column studies on biosorption of crystal violet from aqueous solution by <i>Citrullus lanatus</i> rind and <i>Cyperus rotundus</i> . <i>Applied Water Science</i> , 2013, 3, 673-687.	2.8	68
5	Adsorption of Congo Red from Aqueous Solution on Surfactant-Modified Zeolites with Different Coverage Types: Behavior and Mechanism. <i>Separation Science and Technology</i> , 2013, 48, 2036-2046.	1.3	11
6	Sequestration of dye from textile industry wastewater using agricultural waste products as adsorbents. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 629-641.	3.3	158
7	Predictive modeling of an azo metal complex dye sorption by pumpkin husk. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7355-7366.	2.7	17
8	Comprehensive Review and Compilation of Treatment for Azo Dyes Using Microbial Fuel Cells. <i>Water Environment Research</i> , 2013, 85, 270-277.	1.3	12
9	Removal of Tannery Dye from Aqueous Solution Using Papaya Seed as an Efficient Natural Biosorbent. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	46
10	Biosorption of toxic congo red dye from aqueous solution by eco-friendly biosorbent <i>Saccharum bengalense</i> : kinetics and thermodynamics. <i>Desalination and Water Treatment</i> , 2013, 51, 5638-5648.	1.0	11
11	Efficient removal of Congo red from aqueous solutions by adsorption onto interconnected polypyrrole-polyaniline nanofibres. <i>Chemical Engineering Journal</i> , 2013, 228, 506-515.	6.6	205
12	Tobacco Stem Ash as an Adsorbent for Removal of Methylene Blue from Aqueous Solution: Equilibrium, Kinetics, and Mechanism of Adsorption. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	44
13	Synthesis of Porous Hierarchical MgO and Its Superb Adsorption Properties. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12411-12418.	4.0	203
14	Polyaniline (skin)/polyamide 6 (core) composite fiber: Preparation, characterization and application as a dye adsorbent. <i>Synthetic Metals</i> , 2013, 175, 163-169.	2.1	40
15	Hypercrosslinked Polymers Preparation VS Methylene Blue Adsorption. <i>Materials Science Forum</i> , 2013, 743-744, 539-544.	0.3	0
16	Removal of Cationic Dyes by Polyphenylene Sulfide-Based Strong Acid Ion Exchange Fiber. <i>Materials Science Forum</i> , 2013, 743-744, 567-572.	0.3	0
17	Adsorption of Nickel and Zinc by Residual Soils. <i>American Journal of Environmental Sciences</i> , 2014, 10, 523-529.	0.3	4
18	Indian Jujuba Seed Powder as an Eco-Friendly and a Low-Cost Biosorbent for Removal of Acid Blue 25 from Aqueous Solution. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	3

#	ARTICLE	IF	CITATIONS
19	EVALUATION OF BIOMASS, INDIAN JUJUBA SEED (IJS) FOR REMOVAL OF CONGO RED. American Journal of Environmental Sciences, 2014, 10, 374-382.	0.3	7
20	Kinetic and thermodynamic studies on methylene blue biosorption using corn-husk. RSC Advances, 2014, 4, 62621-62630.	1.7	78
21	Rubber seeds (<i>Hevea brasiliensis</i>): an adsorbent for adsorption of Congo red from aqueous solution. Desalination and Water Treatment, 0, , 1-12.	1.0	6
22	A novel adsorbent of Na ₂ Ta ₂ O ₆ porous microspheres with F ⁺ gradient concentration distribution: High cationic selectivity and well-regulated recycling. Journal of Hazardous Materials, 2014, 265, 226-232.	6.5	9
23	Use of hydroxypropyl-β-cyclodextrin/polyethylene glycol 400, modified Fe ₃ O ₄ nanoparticles for congo red removal. International Journal of Biological Macromolecules, 2014, 64, 233-239.	3.6	46
24	Evaluation of peanut husk as a novel, low cost biosorbent for the removal of Indosol Orange RSN dye from aqueous solutions: batch and fixed bed studies. Clean Technologies and Environmental Policy, 2014, 16, 527-544.	2.1	69
25	Effective removal of maxilon red grl from aqueous solutions by walnut shell: Nonlinear kinetic and equilibrium models. Environmental Progress and Sustainable Energy, 2014, 33, 396-401.	1.3	9
26	Relevance of isotherm models in biosorption of pollutants by agricultural byproducts. Journal of Environmental Chemical Engineering, 2014, 2, 398-414.	3.3	356
27	Assessment of the biosorption kinetic and thermodynamic for the removal of safranin dye from aqueous solutions using calcined mussel shells. Journal of Industrial and Engineering Chemistry, 2014, 20, 717-724.	2.9	60
28	Crop Residue Ashes as Adsorbents for Basic Dye (Methylene Blue) Removal: Adsorption Kinetics and Dynamics. Clean - Soil, Air, Water, 2014, 42, 1098-1105.	0.7	21
29	High Adsorption Capacity Carbons from Biomass and Synthetic Polymers for the Removal of Organic Compounds from Water. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	11
30	Removal of Pb(II) and malachite green from aqueous solution by modified cellulose. Cellulose, 2014, 21, 2797-2809.	2.4	45
31	Predictive modeling of sorption and desorption of a reactive azo dye by pumpkin husk. Environmental Science and Pollution Research, 2014, 21, 5086-5097.	2.7	23
32	Biomass-derived highly porous functional carbon fabricated by using a free-standing template for efficient removal of methylene blue. Bioresource Technology, 2014, 154, 138-147.	4.8	136
33	Adsorptive Removal of Reactive Black 5 from Wastewater Using Bentonite Clay: Isotherms, Kinetics and Thermodynamics. Sustainability, 2015, 7, 15302-15318.	1.6	133
34	Investigation on removal of malachite green using EM based compost as adsorbent. Ecotoxicology and Environmental Safety, 2015, 118, 177-182.	2.9	61
35	Removal of organic pollutants from aqueous solution using agricultural wastes: A review. Journal of Molecular Liquids, 2015, 212, 739-762.	2.3	247
36	Removal of Orange II by Phosphonium-modified Algerian Bentonites. Chemical Engineering Communications, 2015, 202, 520-533.	1.5	13

#	ARTICLE	IF	CITATIONS
37	Preparation of biomorphic Ni-Al LDHs using cotton from discarded T-shirt as a template and the adsorption capability for Congo red. <i>Research on Chemical Intermediates</i> , 2015, 41, 7899-7914.	1.3	8
38	Removal of COD from real textile effluents using agro-industrial wastes. <i>Desalination and Water Treatment</i> , 2015, 53, 2585-2592.	1.0	8
39	Adsorption of Rhodamine B dye from aqueous solution on <i>Irvingia gabonensis</i> biomass: Kinetics and thermodynamics studies. <i>South African Journal of Chemistry</i> , 2015, 68, .	0.3	58
40	Factorial experimental design for Remazol Yellow dye sorption using apple pulp/apple pulp carbon-titanium dioxide co-sorbent. <i>Journal of Cleaner Production</i> , 2015, 100, 333-343.	4.6	27
41	Experimental study on the adsorptive behavior of Congo red in cationic surfactant-modified tea waste. <i>Chemical Engineering Research and Design</i> , 2015, 95, 226-236.	2.7	86
43	Biosorption of dye from textile wastewater effluent onto alkali treated dried sunflower seed hull and design of a batch adsorber. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2647-2661.	3.3	75
44	Synthesis, characterization and adsorption properties of a novel biomagnetic composite for the removal of Congo red from aqueous medium. <i>Journal of Molecular Liquids</i> , 2015, 211, 515-526.	2.3	52
45	Characteristics, kinetics and thermodynamics of Congo Red biosorption by activated sulfidogenic sludge from an aqueous solution. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 571-580.	1.8	21
46	Evaluation of <i>Abelmoschus esculentus</i> (lady's finger) seed as a novel biosorbent for the removal of Acid Blue 113 dye from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2015, 94, 329-338.	2.7	39
47	Adsorption Characteristics of Congo Red from Aqueous Solution onto Tea Waste. <i>Chemical Engineering Communications</i> , 2015, 202, 181-193.	1.5	118
48	Utilization of the agricultural waste (<i>Cicer arietinum</i> Linn fruit shell biomass) as biosorbent for decolorization of Congo red. <i>Desalination and Water Treatment</i> , 2015, 56, 2181-2192.	1.0	19
49	Optimization of anionic dye adsorption onto <i>Melia azedarach</i> sawdust in aqueous solutions: effect of calcium cations. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2016, 11, 258-270.	0.8	14
50	Application of Nonlinear Regression Analysis for Methyl Violet (MV) Dye Adsorption from Solutions onto Illite Clay. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 991-1001.	1.3	24
51	Theoretical and experimental study of cephalexin batch adsorption dynamics using walnut shell-based activated carbon. <i>Desalination and Water Treatment</i> , 2016, 57, 27339-27348.	1.0	5
52	Adsorption of anionic azo dye Congo Red from aqueous solution by Cationic Modified Orange Peel Powder. <i>Journal of Molecular Liquids</i> , 2016, 220, 540-548.	2.3	152
53	Efficient adsorptive removal of Congo red from aqueous solution by synthesized zeolitic imidazolate framework-8. <i>Chemical Speciation and Bioavailability</i> , 2016, 28, 199-208.	2.0	50
54	Adsorptive amputation of hazardous azo dye Congo red from wastewater: a critical review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14810-14853.	2.7	133
55	Poly o-phenylenediamine-MgAl@CaFe ₂ O ₄ nanohybrid for effective removing of lead(II), chromium(III) and anionic azo dye. <i>Chemical Engineering Research and Design</i> , 2016, 102, 687-699.	2.7	22

#	ARTICLE	IF	CITATIONS
56	Adsorption of safranin dye from aqueous solutions using a low-cost agro-waste material soybean hull. <i>Desalination and Water Treatment</i> , 2016, 57, 4122-4134.	1.0	54
57	Potential efficacy of a mesoporous biosorbent <i>Simarouba glauca</i> seed shell powder for the removal of malachite green from aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 11326-11336.	1.0	7
58	Solvent free synthesized MnFe ₂ O ₄ @polyamid resin as a novel green nanohybrid for fast removing Congo red. <i>Journal of Molecular Liquids</i> , 2016, 216, 6-11.	2.3	21
59	A novel reducing graphene/polyaniline/cuprous oxide composite hydrogel with unexpected photocatalytic activity for the degradation of Congo red. <i>Applied Surface Science</i> , 2016, 360, 594-600.	3.1	80
60	Effective removal of Acid Blue 113 dye using overripe <i>Cucumis sativus</i> peel as an eco-friendly biosorbent from agricultural residue. <i>Journal of Cleaner Production</i> , 2016, 113, 194-203.	4.6	102
61	Aqueous phase adsorption of cephalexin by walnut shell-based activated carbon: A fixed-bed column study. <i>Applied Surface Science</i> , 2016, 375, 144-153.	3.1	142
62	Diazo dye sorption by Ni-modified pumpkin husk. <i>Desalination and Water Treatment</i> , 2016, 57, 25242-25255.	1.0	6
63	Iron oxide nanoparticle-immobilized PAN nanofibers: synthesis and adsorption studies. <i>RSC Advances</i> , 2016, 6, 15402-15414.	1.7	74
64	Microwave-assisted synthesis of reduced graphene oxide/titania nanocomposites as an adsorbent for methylene blue adsorption. <i>Applied Surface Science</i> , 2016, 360, 840-848.	3.1	95
65	Microwave treated <i>Salvadora oleoides</i> as an eco-friendly biosorbent for the removal of toxic methyl violet dye from aqueous solution – A green approach. <i>International Journal of Phytoremediation</i> , 2016, 18, 477-486.	1.7	6
66	Adsorption of congo red from aqueous solution using various TiO ₂ nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 13318-13333.	1.0	25
67	Batch adsorption of cephalexin antibiotic from aqueous solution by walnut shell-based activated carbon. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 58, 357-365.	2.7	119
68	Theoretical analysis of the adsorption properties of methyl violet dye on iron-doped mesoporous silica microspheres. <i>Desalination and Water Treatment</i> , 2016, 57, 3227-3236.	1.0	1
69	Biosorption of Azo dyes by spent <i>Rhizopus arrhizus</i> biomass. <i>Applied Water Science</i> , 2017, 7, 3041-3054.	2.8	29
70	<i>Calotropis procera</i> an effective adsorbent for removal of Congo red dye: isotherm and kinetics modelling. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1.	1.9	12
71	Application of experimental design and derivative spectrophotometry methods in optimization and analysis of biosorption of binary mixtures of basic dyes from aqueous solutions. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 219-227.	2.9	79
72	Removal of malachite green from aqueous solutions by electrocoagulation/peanut shell adsorption coupling in a batch system. <i>Water Science and Technology</i> , 2017, 75, 1830-1838.	1.2	15
73	Removal of methylene blue from aqueous system using tobacco stems biomass: Kinetics, mechanism and single-stage adsorber design. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1005-1012.	1.3	20

#	ARTICLE	IF	CITATIONS
74	Removal of toxic Congo red dye from water employing low-cost coconut residual fiber. <i>Water Science and Technology</i> , 2017, 75, 2225-2236.	1.2	43
75	Environmental Bioremediation by Biosorption and Bioaccumulation: Principles and Applications. , 2017, , 289-315.		9
76	A prototype of novel agro-waste based column bed device for removal of textile dye Optilan Red. <i>Water Science and Technology</i> , 2017, 76, 1251-1260.	1.2	6
77	Facile and economical synthesis of ZnS nanotubes and their superior adsorption performance for organic dyes. <i>CrystEngComm</i> , 2017, 19, 2380-2393.	1.3	36
78	Synergic Adsorption—Biodegradation by an Advanced Carrier for Enhanced Removal of High-Strength Nitrogen and Refractory Organics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13188-13200.	4.0	54
79	Removal of Acid Blue25 from aqueous solutions using Bengal gram fruit shell (BGFS) biomass. <i>International Journal of Phytoremediation</i> , 2017, 19, 431-438.	1.7	12
80	Defatted microalgal biomass as biosorbent for the removal of Acid Blue 161 dye from tannery effluent. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5076-5084.	3.3	39
81	Electrospun Polyacrylonitrile (PAN) Templated 2D Nanofibrous Mats: A Platform toward Practical Applications for Dye Removal and Bacterial Disinfection. <i>ACS Omega</i> , 2017, 2, 6556-6569.	1.6	29
82	Scavenging Rhodamine B dye using <i>moringa oleifera</i> seed pod. <i>Chemical Speciation and Bioavailability</i> , 2017, 29, 120-134.	2.0	54
83	Dye removal using the solid residues from <i>Glossogyne tenuifolia</i> based on response surface methodology. <i>Journal of Molecular Liquids</i> , 2017, 242, 82-90.	2.3	10
84	Novel hydrophobic cotton fibers adsorbent for the removal of nitrobenzene in aqueous solution. <i>Carbohydrate Polymers</i> , 2017, 155, 294-302.	5.1	52
85	Liquid phase adsorption of Congo red dye on functionalized corn cobs. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1285-1294.	1.3	43
86	NaOH-treated dead leaves of <i>Ficus racemosa</i> as an efficient biosorbent for Acid Blue 25 removal. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 531-542.	1.8	44
87	Aminopropyl-containing ionic liquid based organosilica as a novel and efficient adsorbent for removal of crystal violet from wastewaters. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 1294-1302.	1.7	6
88	Enhanced adsorption of the cationic dyes in the spherical CuO/meso-silica nano composite and impact of solution chemistry. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 192-200.	5.0	90
89	Bengal Gram Seed Husk as an adsorbent for the removal of dye from aqueous solutions — Batch studies. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2554-S2566.	2.3	36
90	Bengal gram seed husk as an adsorbent for the removal of dyes from aqueous solutions — Equilibrium studies. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2406-S2416.	2.3	15
91	Synthesis and Characterization of Nano-Conducting Copolymer Composites: Efficient Sorbents for Organic Pollutants. <i>Molecules</i> , 2017, 22, 772.	1.7	13

#	ARTICLE	IF	CITATIONS
92	Performance Study of a Low-cost Adsorbent "Raw Date Pits" for Removal of Azo Dye in Aqueous Solution. <i>Water Environment Research</i> , 2017, 89, 827-839.	1.3	15
93	Performance and mechanism of simultaneous removal of Cd(II) and Congo red from aqueous solution by hierarchical vaterite spherulites. <i>Applied Surface Science</i> , 2018, 444, 224-234.	3.1	59
94	Preparation, Characterization and Dye Adsorption/Reuse of Chitosan-Vanadate Films. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2917-2924.	2.4	51
95	Uptake of anionic and cationic dyes by highly effective porous carbon adsorber based on industrial processing residues. <i>Separation Science and Technology</i> , 2018, 53, 1465-1475.	1.3	5
96	Transport of reactive X-3B dye at the interface between cationic surfactant-modified water-quenched blast furnace slag and aqueous solution. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 1240-1249.	0.9	5
97	Adsorption of Congo Red Dye from Aqueous Solutions by Montmorillonite as a Low-cost Adsorbent. <i>International Journal of Chemical Reactor Engineering</i> , 2018, 16, .	0.6	14
98	Removal of Ni(II) and Co(II) from Aqueous Solution Using Pine Cone: A Mechanism Study. , 2018, , 163-183.		1
99	Biosorption characteristics of methylene blue and malachite green from simulated wastewater onto <i>Carica papaya</i> wood biosorbent. <i>Surfaces and Interfaces</i> , 2018, 10, 197-215.	1.5	167
100	Chrysanthemum indicum microparticles on removal of hazardous Congo red dye using response surface methodology. <i>International Journal of Industrial Chemistry</i> , 2018, 9, 305-316.	3.1	16
102	Removal of humic acid from aqueous solution using dual PMMA/PVDF composite nanofiber: kinetics study. <i>Journal of Physics: Conference Series</i> , 2018, 1013, 012202.	0.3	1
103	Polyvinyl alcohol/carboxymethyl cellulose/ZSM-5 zeolite biocomposite membranes for dye adsorption applications. <i>Carbohydrate Polymers</i> , 2018, 199, 129-140.	5.1	117
104	Removal of nitrobenzene from aqueous solution by adsorption onto carbonized sugarcane bagasse. <i>Adsorption Science and Technology</i> , 2018, 36, 1366-1385.	1.5	20
105	Effect of synthesis conditions on the morphology of mesoporous silica from elephant grass and its application in the adsorption of cationic and anionic dyes. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5341-5350.	3.3	24
106	Chemical Modification and Performance Evaluation of an Agro-Waste for Column Mode Removal of Textile Dyes. <i>Global Challenges</i> , 2018, 2, 1700131.	1.8	4
107	Equilibrium, kinetic and thermodynamic studies of a low-cost biosorbent for the removal of Congo red dye: Acid and CTAB-acid modified celery (<i>Apium graveolens</i>). <i>Journal of Molecular Structure</i> , 2019, 1176, 181-193.	1.8	79
108	Adsorption of Methylene Blue Dye from Aqueous Solutions Using Two Different Parts of Palm Tree: Palm Frond Base and Palm Leaflets. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	11
109	Adsorption of Humic Acid from Aqueous Solution onto PAA Nanofiber: Thermodynamic Study. <i>Key Engineering Materials</i> , 2019, 811, 99-103.	0.4	0
110	A breakthrough column study for removal of malachite green using coco-peat. <i>International Journal of Phytoremediation</i> , 2019, 21, 1263-1271.	1.7	33

#	ARTICLE	IF	CITATIONS
111	A review of the application of sonophotocatalytic process based on advanced oxidation process for degrading organic dye. <i>Reviews on Environmental Health</i> , 2019, 34, 365-375.	1.1	28
112	Biochar synthesis from sweet lime peel for hexavalent chromium remediation from aqueous solution. <i>Journal of Environmental Management</i> , 2019, 251, 109570.	3.8	56
113	Comparative study on removal of two basic dyes in aqueous medium by adsorption using activated carbon from <i>Ziziphus lotus</i> stones. <i>Microchemical Journal</i> , 2019, 146, 1010-1018.	2.3	92
114	Degradation of Anionic Dye (Acid Orange II) by Bentonite Supported Nano-Zero Valent Iron. <i>Asian Journal of Chemistry</i> , 2019, 31, 1305-1310.	0.1	2
115	Optimization extraction, structural features and antitumor activity of polysaccharides from <i>Z. jujuba</i> cv. <i>Ruoqiangzao</i> seeds. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 1151-1161.	3.6	54
116	Nonlinear regression approach for acid dye remediation using activated adsorbent: Kinetic, isotherm, thermodynamic and reusability studies. <i>Microchemical Journal</i> , 2019, 148, 605-615.	2.3	28
117	Biological synthesis of copper nanoparticles, using <i>Nerium oleander</i> leaves extract: Characterization and study of their interaction with organic dyes. <i>Inorganic Chemistry Communication</i> , 2019, 105, 36-46.	1.8	59
118	Synthesis of Copper Oxide Nanowires-Activated Carbon (AC@CuO-NWs) and Applied for Removal Methylene Blue from Aqueous Solution: Kinetics, Isotherms, and Thermodynamics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1658-1668.	1.9	30
119	Kinetic, thermodynamics and equilibrium studies on the removal of Congo red dye using activated teak leaf powder. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	40
120	Oxidative Degradation of Methylene Blue via PDS-Based Advanced Oxidation Process Using Natural Pyrite. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4773.	1.2	32
121	Recent advances in remediation of synthetic dyes from wastewaters using sustainable and low-cost adsorbents. , 2019, , 471-507.		12
122	Development of methylene blue removal methodology by adsorption using molecular polyoxometalate: Kinetics, Thermodynamics and Mechanistic Study. <i>Microchemical Journal</i> , 2019, 146, 315-326.	2.3	47
123	Kinetics and Equilibrium Studies of <i>Eriobotrya Japonica</i> : A Novel Adsorbent Preparation for Dyes Sequestration. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 1469-1484.	1.4	39
124	<i>Populus tremula</i> , <i>Nerium oleander</i> and <i>Pergularia tomentosa</i> seed fibers as sources of cellulose and lignin for the bio-sorption of methylene blue. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 655-665.	3.6	57
125	<i>Solanum xanthocarpum</i> Plant as a Potential Low Cost Adsorbent for the Removal of Methylene Blue from Aqueous Solutions. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S166.	1.3	1
126	Bengal gram seed husk as an adsorbent for the removal of dyes from aqueous solutions – Column studies. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1695-1706.	2.3	16
127	Functionalization of powdered walnut shell with orthophosphoric acid for Congo red dye removal. <i>Particulate Science and Technology</i> , 2019, 37, 74-85.	1.1	62
128	Optimization of Congo red removal from aqueous solution using Taguchi experimental design. <i>Separation Science and Technology</i> , 2020, 55, 278-288.	1.3	21

#	ARTICLE	IF	CITATIONS
129	Eucalyptus leaf powder as an efficient scavenger for Congo red from water: Comprehensive batch and column investigation. <i>Separation Science and Technology</i> , 2020, 55, 3047-3059.	1.3	27
130	Direct fabrication of hierarchically processed pineapple peel hydrogels for efficient Congo red adsorption. <i>Carbohydrate Polymers</i> , 2020, 230, 115599.	5.1	70
131	Chitosan, starch, polyaniline and polypyrrole biocomposite with sugarcane bagasse for the efficient removal of Acid Black dye. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 439-452.	3.6	181
132	Anionic congo red dye removal from aqueous medium using Turkey tail (<i>Trametes versicolor</i>) fungal biomass: adsorption kinetics, isotherms, thermodynamics, reusability, and characterization. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1785-1798.	1.3	14
133	LDH of NiZnFe and its composites with carbon nanotubes and date-palm biochar with efficient adsorption capacity for RB5 dye from aqueous solutions: Isotherm, kinetic, and thermodynamics studies. <i>Current Applied Physics</i> , 2022, 40, 90-100.	1.1	21
134	<i>Nigella sativa</i> seeds based antibacterial composites: A sustainable technology for water cleansing - A review. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 18, 100332.	1.6	29
135	Kinetics and equilibrium study for adsorptive removal of cationic dye using agricultural waste-raw and modified cob husk. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7062-7083.	1.8	2
136	Synthesis of Indonesian kaolin-nZVI (IK-nZVI), evaluation for the removal of Pb(II) from waste streams. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
137	Fabrication of zinc/silver binary nanoparticles, their enhanced microbial and adsorbing properties. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7921-7938.	2.3	11
138	Removal of cibacron blue 3G-A (CB) dye from aqueous solution using chemo-physically activated biochar from oil palm empty fruit bunch fiber. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5417-5429.	2.3	47
139	Kinetics and mechanisms of congo-red dye removal from aqueous solution using activated <i>Moringa oleifera</i> seed coat as adsorbent. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	72
140	Iron terephthalate metal-organic framework (MOF-235) as an efficient adsorbent for removal of toluidine blue dye from aqueous solution using Box-Behnken design as multivariate optimization approach. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2663-2673.	1.2	14
141	Synthesis and cationic dye biosorption properties of a novel low-cost adsorbent: coconut waste modified with acrylic and polyacrylic acids. <i>International Journal of Phytoremediation</i> , 2020, 22, 551-566.	1.7	18
142	<i>Cereus</i> sp. as potential biosorbent for removal of Congo red from aqueous solution: isotherm and kinetic investigations. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 243.	1.3	8
143	Adsorptive Remediation of Congo Red Dye in Aqueous Solutions Using Acid Pretreated Sugarcane Bagasse. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1129-1137.	2.4	17
144	Comprehensive systematic review and meta-analysis of dyes adsorption by carbon-based adsorbent materials: Classification and analysis of last decade studies. <i>Chemosphere</i> , 2020, 250, 126238.	4.2	191
145	Effective removal of anionic textile dyes using adsorbent synthesized from coffee waste. <i>Scientific Reports</i> , 2020, 10, 2928.	1.6	211
146	Adsorption of Congo red with hydrothermal treated shiitake mushroom. <i>Materials Research Express</i> , 2020, 7, 015103.	0.8	17

#	ARTICLE	IF	CITATIONS
147	Composites based on zirconium dioxide and zirconium hydrophosphate containing graphene-like additions for removal of U(VI) compounds from water. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4591-4602.	1.6	18
148	Functionalization and partial grafting of the reduced graphene oxide with p-phenylenediamine: An adsorption and photodegradation studies. <i>FlatChem</i> , 2021, 26, 100210.	2.8	10
149	Preparation of novel chitosan polymeric nanocomposite as an efficient material for the removal of Acid Blue 25 from aqueous environment. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 760-768.	3.6	46
150	Optimising the basic violet 16 adsorption from aqueous solutions by magnetic graphene oxide using the response surface model based on the Box-Behnken design. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 758-777.	1.8	29
151	Utilization of factorial design methodology to optimize Pr Red Hegxl dye uptake and prediction of removal efficiency via artificial neural network: comparison of linear vs non-linear sorption isotherm and kinetic parameters. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1723-1750.	2.9	5
152	Atık suların metilen mavisi gideriminde polianilin/ceviz kabuğu kompozitlerinin kullanılması. <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 2021, 36, 1801-1816.	0.3	1
153	The use of Biomaterials as Adsorbents for Removing Colorants from Aqueous Solution Case of Straw with Respect to Methylene Blue. <i>Biosciences, Biotechnology Research Asia</i> , 2021, 18, 71-84.	0.2	0
154	Synthesis and characterization of Cu(OH) ₂ -NWs-PVA-AC Nano-composite and its use as an efficient adsorbent for removal of methylene blue. <i>Scientific Reports</i> , 2021, 11, 5686.	1.6	22
155	Multicomponent transport model-based scaling up of long-term fixed bed adsorption of reactive dyes from textile effluent using aminated PAN beads. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43483-43506.	2.7	3
157	Spent Coffee Ground as Low-Cost Adsorbent for Congo Red Dye Removal from Aqueous Solution. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 765, 012089.	0.2	4
158	Current approaches and methodologies to explore the perceptive adsorption mechanism of dyes on low-cost agricultural waste: A review. <i>Microporous and Mesoporous Materials</i> , 2021, 319, 111040.	2.2	104
159	Current Trends in the Application of Nanomaterials for the Removal of Pollutants from Industrial Wastewater Treatment—A Review. <i>Molecules</i> , 2021, 26, 2799.	1.7	61
160	Evaluation of Cocoa Beans Shell Powder as a Bioadsorbent of Congo Red Dye Aqueous Solutions. <i>Materials</i> , 2021, 14, 2763.	1.3	12
161	The in situ treatment of Basic Violet 16 synthetic dye in groundwater. <i>Remediation</i> , 2021, 31, 27-34.	1.1	3
162	Capacity and Modeling of Acid Blue 113 Dye Adsorption onto Chitosan Magnetized by Fe ₂ O ₃ Nanoparticles. <i>Journal of Polymers and the Environment</i> , 2022, 30, 344-359.	2.4	67
163	A review on microwave-assisted synthesis of adsorbents and its application in the removal of water pollutants. <i>Journal of Water Process Engineering</i> , 2021, 41, 102006.	2.6	22
164	In vitro removal of paraquat and diquat from aqueous media using raw and calcined basil seed. <i>Heliyon</i> , 2021, 7, e07644.	1.4	4
165	Utilizing an alternative composite material for effective copper(II) ion capturing from wastewater. <i>Journal of Molecular Liquids</i> , 2021, 336, 116325.	2.3	177

#	ARTICLE	IF	CITATIONS
166	Synthesis and characterization of surface-modified PVC/NanoClay/Tween60 as a super hydrophilic membrane: application in the nanofiltration of organic dyes from aqueous solution. <i>Polymer Bulletin</i> , 2022, 79, 8309-8331.	1.7	2
167	Removal of Congo red from aqueous solution in single and binary mixture systems using Argan nutshell wood. <i>Pigment and Resin Technology</i> , 2022, 51, 477-488.	0.5	22
168	The Removal of Ruthenium-Based Complexes N3 Dye from DSSC Wastewater Using Copper Impregnated KOH-Activated Bamboo Charcoal. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	17
169	Isolation of chitosan from shrimp shell (<i>Metapenaeus monoceros</i>) as adsorbent for removal of metanil yellow dyes. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1369-1383.	1.2	6
170	Removal of Congo red dye from aqueous media using Litchi seeds powder: Equilibrium, kinetics and thermodynamics. <i>Physics and Chemistry of the Earth</i> , 2021, 123, 103007.	1.2	17
171	Valorization of agro-waste into value added products for sustainable development. <i>Bioresource Technology Reports</i> , 2021, 16, 100834.	1.5	42
172	Sorption of brilliant green dye using soybean straw-derived biochar: characterization, kinetics, thermodynamics and toxicity studies. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2913-2926.	1.8	18
173	Remediation of Dyes from Industrial Wastewater Using Low-Cost Adsorbents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 377-403.	0.3	27
174	Kinetic, equilibrium, thermodynamic, and desorption studies for sequestration of acid dye using waste biomass as sustainable adsorbents. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2597-2609.	2.9	14
175	Optimization of methylene blue adsorption by pumice powder. <i>Advances in Environmental Research</i> , 2016, 5, 37-50.	0.3	7
177	The fast and of low-cost-adsorbent to the removal of cationic and anionic dye using chicken eggshell with its membrane. <i>Mediterranean Journal of Chemistry</i> , 2020, 10, 294-301.	0.3	10
178	Removal of Congo red dye from aqueous solutions by a low-cost adsorbent: activated carbon prepared from Aloe vera leaves shell. <i>Environmental Health Engineering and Management</i> , 2017, 4, 29-35.	0.3	43
179	Review on Dye Removal from Its Aqueous Solution into Alternative Cost Effective and Non-Conventional Adsorbents. <i>Journal of Chemical and Process Engineering</i> , 2013, , .	0.0	19
180	Adsorption of Basic and Acidic Dyes onto Agricultural Wastes. <i>International Letters of Chemistry, Physics and Astronomy</i> , 0, 70, 12-26.	0.0	9
181	Green Pea Pod Biochar as a Low-Cost Adsorbent: An Alternative Approach for the Removal of Cr (VI) from Aqueous Solution. <i>International Journal of Pure & Applied Bioscience</i> , 2018, 6, 375-386.	0.1	4
182	Investigation of the Effect of Nanoparticles in the Cephalexin adsorption onto Walnut Shell-based Activated Carbon. <i>UlÅ«m-i BihdÅshtÅ«-i Å³rÅn</i> , 2016, 4, 1-9.	0.1	3
183	Fixed-Bed Column Studies for the Removal of Congo Red Using <i>Simmondsia chinensis</i> (Jojoba) and Coated with Chitosan. <i>Indonesian Journal of Chemistry</i> , 2018, 18, 294.	0.3	7
184	Recent developments in magnetic nanoparticles and nano-composites for wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106553.	3.3	42

#	ARTICLE	IF	CITATIONS
185	Biosorptive removal of crystal violet dye from aqueous solutions by <i>Ficus religiosa</i> leaves and <i>Daucus carota</i> pomace in ecofriendly way. <i>International Journal of Phytoremediation</i> , 2022, 24, 1004-1013.	1.7	9
186	Indonesian Kaolin supported nZVI (IK-nZVI) used for the an efficient removal of Pb(II) from aqueous solutions: Kinetics, thermodynamics and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106483.	3.3	25
187	Chapter 3 Statistical Modeling for Adsorption of Congo Red onto Modified Bentonite. , 2016, , 35-52.		0
188	Metilen Mavisinin Doğal Kil Üzerine Adsorpsiyonu. <i>Gazi Üni. Fen Bilimleri Enstitüsü Dergisi</i> , 0, , .	0.0	1
189	Ultrasonic-assisted synthesis of highly effective visible light Fe ₃ O ₄ /ZnO/PANI nanocomposite: Thoroughly kinetics and thermodynamic investigations on the Congo red dye decomposition. <i>Journal of Molecular Structure</i> , 2022, 1250, 131903.	1.8	11
190	Valorization of spent brewery yeast biosorbent with sonication-assisted adsorption for dye removal in wastewater treatment. <i>Environmental Research</i> , 2022, 204, 112385.	3.7	29
191	Adsorption of congo red using carbon from leaves and stem of water hyacinth: equilibrium, kinetics, thermodynamic studies. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 1607-1644.	1.8	26
192	Removal of a non-steroidal anti-inflammatory drug (Piroxicam) in an aqueous medium by an agricultural by-product. <i>E3S Web of Conferences</i> , 2022, 337, 05001.	0.2	4
193	The improvement of indigo carmine dye adsorption by Terminalia catappa shell modified with broiler egg white. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13795-13812.	2.9	9
194	Application of Activated Carbon Adsorbents Prepared from Prickly Pear Fruit Seeds and a Conductive Polymer Matrix to Remove Congo Red from Aqueous Solutions. <i>Fibers</i> , 2022, 10, 7.	1.8	25
195	Synthesis of AC@CuO-NWs and removal of basic dye from wastewater. <i>Materials Today: Proceedings</i> , 2022, 53, 336-338.	0.9	3
196	Adsorption kinetics, isotherms and thermodynamic studies of methyl blue in textile dye effluent on natural clay adsorbent. <i>Sustainable Water Resources Management</i> , 2022, 8, 1.	1.0	8
197	Green synthesis of silver nanoparticles and characterization of caffeic acid from Myristica fragrans (Nutmeg) against antibacterial activity. <i>Materials Today: Proceedings</i> , 2022, 62, 4001-4005.	0.9	5
198	Preparation of Cellulose Nanocrystals from Jujube Cores by Fractional Purification. <i>Molecules</i> , 2022, 27, 3236.	1.7	3
199	Electrospun polyacrylonitrile-Moringa Olifera based nanofibrous bio-sorbent for remediation of Congo red dye. <i>Journal of Environmental Management</i> , 2022, 317, 115294.	3.8	9
200	Improved adsorption of Congo red from aqueous solution using alkali-treated goethite impregnated chitosan hydrogel capsule. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108244.	3.3	8
201	Cost effective synthesis of Cu _x Bi _{2-x} Se ₃ photocatalysts by sol-gel method and their enhanced photodegradation and antibacterial activities. <i>Ceramics International</i> , 2022, 48, 32787-32797.	2.3	2
202	Toxicity and decontamination strategies of Congo red dye. <i>Groundwater for Sustainable Development</i> , 2022, 19, 100844.	2.3	49

#	ARTICLE	IF	CITATIONS
203	Chitosan-Based Composite Beads for Removal of Anionic Dyes. <i>Sustainable Textiles</i> , 2022, , 47-73.	0.4	0
204	Thermochemical Conversion of Biomass into Value-Added Materials for Effluent Treatment Applications. <i>Clean Energy Production Technologies</i> , 2022, , 125-156.	0.3	1
205	Sustainable Adsorbents from Plant-Derived Agricultural Wastes for Anionic Dye Removal: A Review. <i>Sustainability</i> , 2022, 14, 11098.	1.6	13
206	Green Ca-Loaded MgO Nanoparticles as an Efficient Adsorbent for Organic Hazardous Dyes. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-16.	1.5	4
207	Use of activated <i>Chromolaena odorata</i> biomass for the removal of crystal violet from aqueous solution: kinetic, equilibrium, and thermodynamic study. <i>Environmental Science and Pollution Research</i> , 2023, 30, 14265-14283.	2.7	5
208	Removal of reactive violet 5 azodye (V5R) using bamboo, and calabash biochar. <i>Heliyon</i> , 2022, 8, e10908.	1.4	3
209	Development of Azo Dye Immobilized Poly (Glycidyl Methacrylate-Co-Methyl Methacrylate) Polymers Composites as Novel Adsorbents for Water Treatment Applications: Methylene Blue-Polymers Composites. <i>Polymers</i> , 2022, 14, 4672.	2.0	1
210	Relevance of <i>Anethum graveolens</i> to remove Rhodamine B in aqueous solution: characterization, kinetic and isotherm study. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2023, 136, 465-490.	0.8	4
211	Adsorption of Basic and Acidic Dyes onto Agricultural Wastes. <i>International Letters of Chemistry, Physics and Astronomy</i> , 0, 70, 12-26.	0.0	2
212	Removal of methylene blue from aqueous solution by magnetic hydrogel nanocomposite absorbents. <i>Journal of Elastomers and Plastics</i> , 0, , 009524432211447.	0.7	0
213	Development of Azo Dye Immobilized Sulfonated Poly (Glycidyl Methacrylate) Polymer Composite as Novel Adsorbents for Water Treatment Applications: Methylene Blue Immobilization Isotherm, Kinetic, Thermodynamic, and Simulations Studies. <i>Molecules</i> , 2022, 27, 8418.	1.7	0
214	Application of Walnut Shell Biowaste as an Inexpensive Adsorbent for Methylene Blue Dye: Isotherms, Kinetics, Thermodynamics, and Modeling. <i>Separations</i> , 2023, 10, 60.	1.1	15
215	Comparative study of ZIF-8-materials for removal of hazardous compounds using physio-chemical remediation techniques. <i>Environmental Research</i> , 2023, 220, 115168.	3.7	5
216	Silver nanoparticles synthesized by <i>Brassica oleracea</i> (Broccoli) acting as antifungal agent against <i>Candida albicans</i> . <i>Materials Today: Proceedings</i> , 2023, , .	0.9	3
217	Preparation of Breadfruit Leaf Biochar for the Application of Congo Red Dye Removal from Aqueous Solution and Optimization of Factors by RSM-BBD. <i>Adsorption Science and Technology</i> , 2023, 2023, .	1.5	4
218	Nanocomposites in the degradation of organic pollutants. , 2023, , 321-347.		0
219	Synthesis of Bimetallic Metal-Organic Frameworks (MOFs) La-Y-PTC for Enhanced Dyes Photocatalytic Degradation. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2023, 18, 118-130.	0.5	0
220	Application of Agricultural Waste in Anionic Dyes Removal from Wastewater. <i>Sustainable Textiles</i> , 2022, , 111-141.	0.4	1

#	ARTICLE	IF	CITATIONS
221	Adsorption Study of Chromium by Using Ziziphus Jujuba Sp. Seed as a Biochar. Lecture Notes in Civil Engineering, 2023, , 359-374.	0.3	0
233	Adsorptive Removal of Fluoride from Water Using Iron Oxide-Hydrogen Nanoparticles. Water Science and Technology Library, 2023, , 139-157.	0.2	0