Niyaz Mohammad Mahmoodi

List of Publications by Year
in descending order

212 papers	16,039 citations	3531 90 h-index	19190 118 g-index
214 all docs	214 docs citations	214 times ranked	11010 citing authors

#	Article	IF	Citations
1	Synthesis of visible light activated metal-organic framework coated on titania nanocomposite (MIL-53(Al)@TiO2) and dye photodegradation. Journal of Solid State Chemistry, 2022, 307, 122747.	2.9	9
2	Visible-Light-Driven Reduced Graphite Oxide as a Metal-Free Catalyst for Degradation of Colored Wastewater. Nanomaterials, 2022, 12, 374.	4.1	2
3	Novel heterojunction magnetic composite MIL-53 (Fe)/ZnFe2O4: Synthesis and photocatalytic pollutant degradation. Korean Journal of Chemical Engineering, 2022, 39, 2713-2724.	2.7	2
4	Activated carbon (AC)-metal-organic framework (MOF) composite: Synthesis, characterization and dye removal. Korean Journal of Chemical Engineering, 2022, 39, 2394-2404.	2.7	5
5	Effect of preparation parameters on properties of metakaolin-based geopolymer activated by silica fume- sodium hydroxide alkaline blend. Journal of Building Engineering, 2022, 60, 104984.	3.4	11
6	Silica aerogel/polyacrylonitrile/polyvinylidene fluoride nanofiber and its ability for treatment of colored wastewater. Journal of Molecular Structure, 2021, 1227, 129418.	3.6	31
7	Post-synthetic functionalization of the metal-organic framework: Clean synthesis, pollutant removal, and antibacterial activity. Journal of Environmental Chemical Engineering, 2021, 9, 104590.	6.7	49
8	Enhanced photocatalytic activity by synergic action of ZIF-8 and NiFe2O4 under visible light irradiation. Journal of Molecular Structure, 2021, 1223, 129028.	3.6	20
9	Adsorption of Malachite Green Dye onto Mesoporous Natural Inorganic Clays: Their Equilibrium Isotherm and Kinetics Studies. Water (Switzerland), 2021, 13, 965.	2.7	25
10	Synthesis of iron based-metal-organic framework nanocomposite and visible light pollutant degradation ability. Materials Research Bulletin, 2021, 138, 111243.	5.2	11
11	Composite of MOF and chitin as an efficient catalyst for photodegradation of organic dyes. International Journal of Biological Macromolecules, 2021, 182, 524-533.	7.5	22
12	Green synthesis of reduced graphene oxide-CoFe2O4 nanocomposite as a highly efficient visible-light-driven catalyst in photocatalysis and photo Fenton-like reaction. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 270, 115223.	3.5	19
13	Clean synthesis of rock candy-like metalâ€“organic framework biocomposite for toxic contaminants remediation. Environmental Technology and Innovation, 2021, 23, 101747.	6.1	7
14	Graphitic carbon nitride nanosheet/metal-organic framework heterostructure: Synthesis and pollutant degradation using visible light. Materials Chemistry and Physics, 2021, 269, 124726.	4.0	15
15	Development of room temperature synthesized and functionalized metal-organic framework/graphene oxide composite and pollutant adsorption ability. Materials Research Bulletin, 2021, 142, 111408.	5.2	38
16	Adsorption of azo dyes by a novel bio-nanocomposite based on whey protein nanofibrils and nano-clay: Equilibrium isotherm and kinetic modeling. Journal of Colloid and Interface Science, 2021, 602, 490-503.	9.4	74
17	Preparation of novel and highly active magnetic ternary structures (metal-organic framework/cobalt) Tj ETQq1 1 0.784314 rgBT /Over degradation of organic contaminants. Journal of Colloid and Interface Science, 2021, 602, 73-94.	9.4	39
18	Graphene quantum dot incorporation in the zeolitic imidazolate framework with sodalite (SOD) topology: Synthesis and improving the adsorption ability in liquid phase. Journal of Environmental Chemical Engineering, 2021, 9, 106303.	6.7	10

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19	Synthesis of the metal-organic framework â€“ Copper oxide nanocomposite and LED visible light organic contaminants (dye and pharmaceutical) destruction ability in the water. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 274, 115495.	3.5	8
20	Synthesis of pearl necklace-like ZIF-8@chitosan/PVA nanofiber with synergistic effect for recycling aqueous dye removal. Carbohydrate Polymers, 2020, 227, 115364.	10.2	166
21	Synthesis of porous metal-organic framework composite adsorbents and pollutant removal from multicomponent systems. Materials Chemistry and Physics, 2020, 243, 122572.	4.0	18
22	Clean Laccase immobilized nanobiocatalysts (graphene oxide - zeolite nanocomposites): From production to detailed biocatalytic degradation of organic pollutant. Applied Catalysis B: Environmental, 2020, 268, 118443.	20.2	143
23	A study of the DR23 dye photocatalytic degradation utilizing a magnetic hybrid nanocomposite of MIL-53(Fe)/CoFe2O4: Facile synthesis and kinetic investigations. Journal of Molecular Liquids, 2020, 301, 112427.	4.9	32
24	Environmentally friendly novel covalently immobilized enzyme bionanocomposite: From synthesis to the destruction of pollutant. Composites Part B: Engineering, 2020, 184, 107666.	12.0	99
25	Chitosan-wrapped multiwalled carbon nanotube as filler within PEBA thin film nanocomposite (TFN) membrane to improve dye removal. Carbohydrate Polymers, 2020, 237, 116128.	10.2	150
26	Synthesis of porous aminated PAN/PVDF composite nanofibers by electrospinning: Characterization and Direct Red 23 removal. Journal of Environmental Chemical Engineering, 2020, 8, 103876.	6.7	66
27	Synthesis of magnetic metal-organic framework nanocomposite (ZIF-8@SiO2@MnFe2O4) as a novel adsorbent for selective dye removal from multicomponent systems. Microporous and Mesoporous Materials, 2019, 273, 177-188.	4.4	135
28	Preparation of mesoporous polyvinyl alcohol/chitosan/silica composite nanofiber and dye removal from wastewater. Environmental Progress and Sustainable Energy, 2019, 38, S100.	2.3	33
29	Metal-organic framework (ZIF-8)/inorganic nanofiber (Fe2O3) nanocomposite: Green synthesis and photocatalytic degradation using LED irradiation. Journal of Molecular Liquids, 2019, 291, 111333.	4.9	44
30	Surface modified montmorillonite with cationic surfactants: Preparation, characterization, and dye adsorption from aqueous solution. Journal of Environmental Chemical Engineering, 2019, 7, 103243.	6.7	119
31	Ethylenediamine/glutaraldehyde-modified starch: A bioplatform for removal of anionic dyes from wastewater. Korean Journal of Chemical Engineering, 2019, 36, 1421-1431.	2.7	11
32	Metal-organic framework as a platform of the enzyme to prepare novel environmentally friendly nanobiocatalyst for degrading pollutant in water. Journal of Industrial and Engineering Chemistry, 2019, 80, 606-613.	5.8	45
33	Novel magnetic amine functionalized carbon nanotube/metal-organic framework nanocomposites: From green ultrasound-assisted synthesis to detailed selective pollutant removal modelling from binary systems. Journal of Hazardous Materials, 2019, 368, 746-759.	12.4	131
34	In situ deposition of Ag/AgCl on the surface of magnetic metal-organic framework nanocomposite and its application for the visible-light photocatalytic degradation of Rhodamine dye. Journal of Hazardous Materials, 2019, 378, 120741.	12.4	119
35	Environmentally friendly ultrasound-assisted synthesis of magnetic zeolitic imidazolate framework - Graphene oxide nanocomposites and pollutant removal from water. Journal of Molecular Liquids, 2019, 282, 115-130.	4.9	147
36	Facile and green synthesis of metal-organic framework/inorganic nanofiber using electrospinning for recyclable visible-light photocatalysis. Journal of Cleaner Production, 2019, 222, 669-684.	9.3	108

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37	Zeolitic imidazolate framework-polyvinylpyrrolidone-polyethersulfone composites membranes: From synthesis to the detailed pollutant removal from wastewater using cross flow system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 572, 211-220.	4.7	20
38	Bio-based magnetic metal-organic framework nanocomposite: Ultrasound-assisted synthesis and pollutant (heavy metal and dye) removal from aqueous media. Applied Surface Science, 2019, 480, 288-299.	6.1	159
39	Graphene based ZnO nanoparticles to depolymerize lignin-rich residues via UV/iodide process. Environment International, 2019, 125, 172-183.	10.0	21
40	Halogen lamp activated nanocomposites as nanoporous photocatalysts: Synthesis, characterization, and pollutant degradation mechanism. Journal of Molecular Liquids, 2019, 281, 389-400.	4.9	19
41	Synthesis and characterization of PAMAM/SiO2 nanohybrid as a new promising adsorbent for pharmaceuticals. Microchemical Journal, 2019, 146, 1150-1159.	4.5	34
42	Activated carbon/metal-organic framework composite as a bio-based novel green adsorbent: Preparation and mathematical pollutant removal modeling. Journal of Molecular Liquids, 2019, 277, 310-322.	4.9	128
43	Carbon nanotube based metal-organic framework nanocomposites: Synthesis and their photocatalytic activity for decolorization of colored wastewater. Inorganica Chimica Acta, 2019, 487, 169-176.	2.4	120
44	Ultrasound-assisted green synthesis and application of recyclable nanoporous chromium-based metal-organic framework. Korean Journal of Chemical Engineering, 2019, 36, 287-298.	2.7	37
45	Activated carbon/metal-organic framework nanocomposite: Preparation and photocatalytic dye degradation mathematical modeling from wastewater by least squares support vector machine. Journal of Environmental Management, 2019, 233, 660-672.	7.8	115
46	Clay-based electrospun nanofibrous membranes for colored wastewater treatment. Applied Clay Science, 2019, 168, 77-86.	5.2	105
47	Synthesis of NENU metal-organic framework-graphene oxide nanocomposites and their pollutant removal ability from water using ultrasound. Journal of Cleaner Production, 2019, 211, 198-212.	9.3	28
48	Superparamagnetic enzyme-graphene oxide magnetic nanocomposite as an environmentally friendly biocatalyst: Synthesis and biodegradation of dye using response surface methodology. Microchemical Journal, 2019, 145, 547-558.	4.5	24
49	Development of hydrophilic microporous PES ultrafiltration membrane containing CuO nanoparticles with improved antifouling and separation performance. Materials Chemistry and Physics, 2019, 222, 338-350.	4.0	135
50	Covalently immobilized laccase onto graphene oxide nanosheets: Preparation, characterization, and biodegradation of azo dyes in colored wastewater. Journal of Molecular Liquids, 2019, 276, 153-162.	4.9	138
51	Zeolite nanoparticle as a superior adsorbent with high capacity: Synthesis, surface modification and pollutant adsorption ability from wastewater. Microchemical Journal, 2019, 145, 74-83.	4.5	117
52	Nanoporous metal-organic framework (MOF-199): Synthesis, characterization and photocatalytic degradation of Basic Blue 41. Microchemical Journal, 2019, 144, 436-442.	4.5	144
53	Efficient dye removal from aqueous solution by high-performance electrospun nanofibrous membranes through incorporation of SiO2 nanoparticles. Journal of Cleaner Production, 2018, 183, 1197-1206.	9.3	121
54	Photophysical properties of novel functionalized fluorescent dyes based on diketopyrrolopyrrole and application in inkjet printing ink. Journal of Luminescence, 2018, 199, 499-508.	3.1	9

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55	MIL-Ti metal-organic frameworks (MOFs) nanomaterials as superior adsorbents: Synthesis and ultrasound-aided dye adsorption from multicomponent wastewater systems. Journal of Hazardous Materials, 2018, 347, 123-140.	12.4	308
56	Metal-organic framework (MIL-100 (Fe)): Synthesis, detailed photocatalytic dye degradation ability in colored textile wastewater and recycling. Materials Research Bulletin, 2018, 100, 357-366.	5.2	174
57	Preparation and characterization of a novel polyethersulfone (PES) ultrafiltration membrane modified with a CuO/ZnO nanocomposite to improve permeability and antifouling properties. Separation and Purification Technology, 2018, 192, 369-382.	7.9	157
58	The effect of amine functionalization of CuO and ZnO nanoparticles used as additives on the morphology and the permeation properties of polyethersulfone ultrafiltration nanocomposite membranes. Composites Part B: Engineering, 2018, 154, 388-409.	12.0	117
59	Cadmium selenide quantum dot-zinc oxide composite: Synthesis, characterization, dye removal ability with UV irradiation, and antibacterial activity as a safe and high-performance photocatalyst. Journal of Photochemistry and Photobiology B: Biology, 2018, 188, 19-27.	3.8	69
60	Mesoporous activated carbons of low-cost agricultural bio-wastes with high adsorption capacity: Preparation and artificial neural network modeling of dye removal from single and multicomponent (binary and ternary) systems. Journal of Molecular Liquids, 2018, 269, 217-228.	4.9	123
61	Tuning Composition of Electrospun ZnO/CuO Nanofibers: Toward Controllable and Efficient Solar Photocatalytic Degradation of Organic Pollutants. Journal of Physical Chemistry C, 2017, 121, 3327-3338.	3.1	117
62	Bi-amino surface functionalized polyoxometalate nanocomposite as an environmentally friendly catalyst: synthesis and dye degradation. Water Science and Technology, 2017, 75, 2381-2389.	2.5	5
63	Synthesis of the modified nanofiber as a nanoadsorbent and its dye removal ability from water: isotherm, kinetic and thermodynamic. Water Science and Technology, 2017, 75, 2475-2487.	2.5	14
64	Competitive removal of heavy metal ions from squid oil under isothermal condition by CR11 chelate ion exchanger. Journal of Hazardous Materials, 2017, 334, 256-266.	12.4	98
65	Synthesis of amine-modified zeolitic imidazolate framework-8, ultrasound-assisted dye removal and modeling. Ultrasonics Sonochemistry, 2017, 39, 550-564.	8.2	112
66	Dye removal from wastewater by the crossâ€linked blend nanofiber and homogenous surface diffusion modeling. Environmental Progress and Sustainable Energy, 2017, 36, 1634-1642.	2.3	4
67	Preparation of Modified Reduced Graphene Oxide nanosheet with Cationic Surfactant and its Dye Adsorption Ability from Colored Wastewater. Journal of Surfactants and Detergents, 2017, 20, 1085-1093.	2.1	27
68	Synthesis of metal-organic framework hybrid nanocomposites based on GO and CNT with high adsorption capacity for dye removal. Chemical Engineering Journal, 2017, 326, 1145-1158.	12.7	494
69	One-pot synthesis of a reduced graphene oxideâ€“ZnO nanorod composite and dye decolorization modeling. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 439-451.	5.3	16
70	Efficient removal of cationic dyes from colored wastewaters by dithiocarbamate-functionalized graphene oxide nanosheets: From synthesis to detailed kinetics studies. Journal of the Taiwan Institute of Chemical Engineers, 2017, 81, 239-246.	5.3	143
71	Determination and analysis of CO2 capture kinetics and mechanisms on the novel graphene-based adsorbents. Journal of CO2 Utilization, 2017, 21, 17-29.	6.8	46
72	Synthesis of nanoparticle and modelling of its photocatalytic dye degradation ability from colored wastewater. Journal of Environmental Chemical Engineering, 2017, 5, 3684-3689.	6.7	82

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73	Dye adsorption from single and binary systems using NiOâ€MnO₂ nanocomposite and artificial neural network modeling. Environmental Progress and Sustainable Energy, 2017, 36, 111-119.	2.3	41
74	Preparation of electrospun affinity membrane and cross flow system for dynamic removal of anionic dye from colored wastewater. Fibers and Polymers, 2017, 18, 2387-2399.	2.1	18
75	SYNTHESIS OF ALGINATE AMIDE COMPOSITE USING MICROWAVE AND ITS DYE REMOVAL ABILITY. Environmental Engineering and Management Journal, 2017, 16, 1859-1866.	0.6	0
76	Copper oxide-carbon nanotube (CuO/CNT) nanocomposite: Synthesis and photocatalytic dye degradation from colored textile wastewater. Fibers and Polymers, 2016, 17, 1842-1848.	2.1	22
77	Dye removal and kinetics of adsorption by magnetic chitosan nanoparticles. Desalination and Water Treatment, 2016, 57, 24378-24386.	1.0	122
78	Immobilized polyoxometalate onto the modified magnetic nanoparticle as a photocatalyst for dye degradation. Materials Research Bulletin, 2016, 84, 422-428.	5.2	27
79	Preparation of aminated nanoporous nanofiber by solvent casting/porogen leaching technique and dye adsorption modeling. Journal of the Taiwan Institute of Chemical Engineers, 2016, 65, 378-389.	5.3	52
80	Enhanced photodegradation of hazardous tartrazine by composite of nanomolecularly imprinted polymer-nanophotocatalyst with high efficiency. Desalination and Water Treatment, 2016, 57, 3142-3151.	1.0	33
81	Synthesis and characterization of the functionalized nanoparticle and dye removal modeling. Desalination and Water Treatment, 2016, 57, 24035-24046.	1.0	3
82	Synthesis of nanostructured adsorbent and dye adsorption modeling by an intelligent model for multicomponent systems. Korean Journal of Chemical Engineering, 2016, 33, 902-913.	2.7	10
83	Nanostructured adsorbent (MnO₂): Synthesis and least square support vector machine modeling of dye removal. Desalination and Water Treatment, 2016, 57, 21524-21533.	1.0	9
84	Modified poly(vinyl alcohol)-triethylenetetramine nanofiber by glutaraldehyde: preparation and dye removal ability from wastewater. Desalination and Water Treatment, 2016, 57, 20076-20083.	1.0	48
85	Functionalized copper oxideâ€“zinc oxide nanocomposite: synthesis and genetic programming model of dye adsorption. Desalination and Water Treatment, 2016, 57, 18755-18769.	1.0	21
86	Synthesis of CuOâ€“NiO nanocomposite and dye adsorption modeling using artificial neural network. Desalination and Water Treatment, 2016, 57, 17220-17229.	1.0	13
87	Cadmium selenide quantum dots: synthesis, characterization, and dye removal ability with UV irradiation. Desalination and Water Treatment, 2016, 57, 16552-16558.	1.0	16
88	Preparation of surface functionalized graphene oxide nanosheet and its multicomponent dye removal ability from wastewater. Fibers and Polymers, 2015, 16, 1035-1047.	2.1	43
89	Synthesis of polyacrylonitrile/polyamidoamine composite nanofibers using electrospinning technique and their dye removal capacity. Journal of the Taiwan Institute of Chemical Engineers, 2015, 49, 119-128.	5.3	108
90	Surface modification of magnetic nanoparticle and dye removal from ternary systems. Journal of Industrial and Engineering Chemistry, 2015, 27, 251-259.	5.8	112

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91	Graphene oxide nanosheet: preparation and dye removal from binary system colored wastewater. Desalination and Water Treatment, 2015, 56, 2382-2394.	1.0	56
92	Immobilization of laccase enzyme onto titania nanoparticle and decolorization of dyes from single and binary systems. Biotechnology and Bioprocess Engineering, 2015, 20, 109-116.	2.6	106
93	Preparation of PVA-chitosan blend nanofiber and its dye removal ability from colored wastewater. Fibers and Polymers, 2015, 16, 1861-1869.	2.1	98
94	Preparation and adsorption behavior of diethylenetriamine/polyacrylonitrile composite nanofibers for a direct dye removal. Fibers and Polymers, 2015, 16, 1925-1934.	2.1	123
95	Cationic Dye Removal Ability from Multicomponent System by Magnetic Carbon Nanotubes. Journal of Solution Chemistry, 2015, 44, 1568-1583.	1.2	6
96	Tectomer grafted nanofiber: Synthesis, characterization and dye removal ability from multicomponent system. Journal of Industrial and Engineering Chemistry, 2015, 32, 85-98.	5.8	124
97	Kinetics and isotherm of cationic dye removal from multicomponent system using the synthesized silica nanoparticle. Desalination and Water Treatment, 2015, 54, 562-571.	1.0	43
98	Manganese ferrite nanoparticle: Synthesis, characterization, and photocatalytic dye degradation ability. Desalination and Water Treatment, 2015, 53, 84-90.	1.0	98
99	Synthesis, characterization, and application of nano-molecularly imprinted polymer for fast solid-phase extraction of tartrazine from water environment. Desalination and Water Treatment, 2015, 54, 2452-2460.	1.0	16
100	Dendrimerâ€“titania nanocomposite: synthesis and dye-removal capacity. Research on Chemical Intermediates, 2015, 41, 3743-3757.	2.7	117
101	Extended isotherm and kinetics of binary system dye removal using carbon nanotube from wastewater. Desalination and Water Treatment, 2015, 54, 2777-2793.	1.0	10
102	Amine functionalized magnetic carbon nanotube: synthesis and binary system dye removal. Desalination and Water Treatment, 2015, 56, 107-120.	1.0	5
103	Decolorization of dyes using immobilized laccase enzyme on zinc ferrite nanoparticle from single and binary systems. Fibers and Polymers, 2014, 15, 2139-2145.	2.1	17
104	Modification of carbon nanotubes with cationic surfactant and its application for removal of direct dyes. Desalination and Water Treatment, 2014, 52, 4356-4368.	1.0	17
105	Synthesis of urethane sodium carboxylate and its dye removal ability from single system. Journal of Industrial and Engineering Chemistry, 2014, 20, 1558-1565.	5.8	2
106	Primaryâ€“secondary amino silica nanoparticle: synthesis and dye removal from binary system. Desalination and Water Treatment, 2014, 52, 7784-7796.	1.0	10
107	Degradation of dyes using combined photo-Fenton/activated carbon: synergistic effect. Desalination and Water Treatment, 2014, 52, 5007-5014.	1.0	6
108	Synthesis of cationic polymeric adsorbent and dye removal isotherm, kinetic and thermodynamic. Journal of Industrial and Engineering Chemistry, 2014, 20, 2745-2753.	5.8	92

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109	Binary catalyst system dye degradation using photocatalysis. Fibers and Polymers, 2014, 15, 273-280.	2.1	95
110	Synthesis of urethane polycarboxylate as a novel adsorbent and its binary system dye removal ability from aqueous solution. Fibers and Polymers, 2014, 15, 446-456.	2.1	4
111	Laccase immobilized manganese ferrite nanoparticle: Synthesis and LSSVM intelligent modeling of decolorization. Water Research, 2014, 67, 216-226.	11.3	104
112	Surface modification and ternary system dye removal ability of manganese ferrite nanoparticle. Fibers and Polymers, 2014, 15, 1616-1626.	2.1	8
113	Dye removal using polymeric adsorbent from wastewater containing mixture of two dyes. Fibers and Polymers, 2014, 15, 1656-1668.	2.1	14
114	Direct dyes removal using modified magnetic ferrite nanoparticle. Journal of Environmental Health Science & Engineering, 2014, 12, 96.	3.0	87
115	Synthesis of porous adsorbent using microwave assisted combustion method and dye removal. Journal of Alloys and Compounds, 2014, 602, 210-220.	5.5	19
116	Assessment of competitive dye removal using a reliable method. Journal of Environmental Chemical Engineering, 2014, 2, 1672-1683.	6.7	18
117	Dendrimer functionalized nanoarchitecture: Synthesis and binary system dye removal. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 2008-2020.	5.3	101
118	Synthesis of magnetic carbon nanotube and photocatalytic dye degradation ability. Environmental Monitoring and Assessment, 2014, 186, 5595-5604.	2.7	123
119	Synthesis of coreâ€“shell magnetic adsorbent nanoparticle and selectivity analysis for binary system dye removal. Journal of Industrial and Engineering Chemistry, 2014, 20, 2050-2058.	5.8	105
120	Decolorization of dyes using laccase enzyme from single and binary systems. Desalination and Water Treatment, 2014, 52, 1895-1902.	1.0	8
121	Poly (amidoamine-co-acrylic acid) copolymer: Synthesis, characterization and dye removal ability. Industrial Crops and Products, 2013, 42, 119-125.	5.2	110
122	Dye removal using modified copper ferrite nanoparticle and RSM analysis. Environmental Monitoring and Assessment, 2013, 185, 10235-10248.	2.7	12
123	Photocatalytic Degradation of Dyes Using Carbon Nanotube and Titania Nanoparticle. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	100
124	Zinc ferrite nanoparticle as a magnetic catalyst: Synthesis and dye degradation. Materials Research Bulletin, 2013, 48, 4255-4260.	5.2	110
125	Synthesis of Amine-Functionalized Magnetic Ferrite Nanoparticle and Its Dye Removal Ability. Journal of Environmental Engineering, ASCE, 2013, 139, 1382-1390.	1.4	97
126	Magnetic ferrite nanoparticleâ€“alginate composite: Synthesis, characterization and binary system dye removal. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 322-330.	5.3	131

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127	Removal of anionic dyes from aqueous solution by modified alginate. Desalination and Water Treatment, 2013, 51, 2253-2260.	1.0	4
128	Nickel Ferrite Nanoparticle: Synthesis, Modification by Surfactant and Dye Removal Ability. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	100
129	Gemini polymeric nanoarchitecture as a novel adsorbent: Synthesis and dye removal from multicomponent system. Journal of Colloid and Interface Science, 2013, 400, 88-96.	9.4	31
130	Photocatalytic ozonation of dyes using multiwalled carbon nanotube. Journal of Molecular Catalysis A, 2013, 366, 254-260.	4.8	96
131	Treatment of colored textile wastewater containing acid dye using electrocoagulation process. Desalination and Water Treatment, 2013, 51, 5959-5964.	1.0	26
132	Photodegradation of Dyes Using Multiwalled Carbon Nanotube and Ferrous Ion. Journal of Environmental Engineering, ASCE, 2013, 139, 1368-1374.	1.4	92
133	Modification of activated carbon by the alkaline treatment to remove the dyes from wastewater: mechanism, isotherm and kinetic. Desalination and Water Treatment, 2012, 47, 322-333.	1.0	104
134	Isotherm, Kinetic, and Thermodynamic of Cationic Dye Removal from Binary System by Feldspar. Separation Science and Technology, 2012, 47, 1660-1672.	2.5	22
135	Soy meal hull activated carbon: preparation, characterization and dye adsorption properties. Desalination and Water Treatment, 2012, 44, 237-244.	1.0	21
136	Binary system dye removal by electrocoagulation from synthetic and real colored wastewaters. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 282-290.	5.3	129
137	Effectiveness of photochemical and sonochemical processes in degradation of Basic Violet 16 (BV16) dye from aqueous solutions. Iranian Journal of Environmental Health Science & Engineering, 2012, 9, 14.	1.8	24
138	Synthesis of nickelâ€“zinc ferrite magnetic nanoparticle and dye degradation using photocatalytic ozonation. Materials Research Bulletin, 2012, 47, 4403-4408.	5.2	128
139	Surfactantâ€modified feldspar: Isotherm, kinetic, and thermodynamic of binary system dye removal. Journal of Applied Polymer Science, 2012, 126, 340-349.	2.6	13
140	Kinetic, equilibrium and thermodynamic studies of ternary system dye removal using a biopolymer. Industrial Crops and Products, 2012, 35, 295-301.	5.2	101
141	Preparation of surface modified zinc oxide nanoparticle with high capacity dye removal ability. Materials Research Bulletin, 2012, 47, 1800-1809.	5.2	32
142	Synthesis, amine functionalization and dye removal ability of titania/silica nano-hybrid. Microporous and Mesoporous Materials, 2012, 156, 153-160.	4.4	106
143	Decolorization and degradation of acid dye with immobilized titania nanoparticles. Chemical Engineering Research and Design, 2012, 90, 56-64.	5.6	35
144	Electrochemical Effect of Cationic Gemini Surfactant and Halide Salts on Corrosion Inhibition of Low Carbon Steel in Acid Medium. ECS Transactions, 2011, 33, 1-16.	0.5	3

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145	Equilibrium, Kinetics, and Thermodynamics of Dye Removal Using Alginate in Binary Systems. Journal of Chemical & Engineering Data, 2011, 56, 2802-2811.	1.9	107
146	Preparation and photocatalytic activity of immobilized composite photocatalyst (titania) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (r	5.5	111
147	Synthesis, characterization and dye removal ability of high capacity polymeric adsorbent: Polyaminoimide homopolymer. Journal of Hazardous Materials, 2011, 198, 87-94.	12.4	33
148	Amine-functionalized silica nanoparticle: Preparation, characterization and anionic dye removal ability. Desalination, 2011, 279, 61-68.	8.2	121
149	Oxidation of dyes from colored wastewater using activated carbon/hydrogen peroxide. Desalination, 2011, 279, 183-189.	8.2	42
150	Photocatalytic ozonation of dyes using copper ferrite nanoparticle prepared by co-precipitation method. Desalination, 2011, 279, 332-337.	8.2	124
151	Dye Removal from Colored Textile Wastewater by Poly(propylene imine) Dendrimer: Operational Parameters and Isotherm Studies. Clean - Soil, Air, Water, 2011, 39, 673-679.	1.1	85
152	Dye Removal, Energy Consumption and Operating Cost of Electrocoagulation of Textile Wastewater as a Clean Process. Clean - Soil, Air, Water, 2011, 39, 665-672.	1.1	131
153	The effect of pH on the removal of anionic dyes from colored textile wastewater using a biosorbent. Journal of Applied Polymer Science, 2011, 120, 2996-3003.	2.6	31
154	Dye adsorption and desorption properties of Mentha pulegium in single and binary systems. Journal of Applied Polymer Science, 2011, 122, 1489-1499.	2.6	126
155	The sorption of cationic dyes onto kaolin: Kinetic, isotherm and thermodynamic studies. Desalination, 2011, 266, 274-280.	8.2	158
156	Dye removal from colored textile wastewater using chitosan in binary systems. Desalination, 2011, 267, 64-72.	8.2	137
157	Dye removal from colored textile wastewater using acrylic grafted nanomembrane. Desalination, 2011, 267, 107-113.	8.2	161
158	Adsorption of textile dyes on Pine Cone from colored wastewater: Kinetic, equilibrium and thermodynamic studies. Desalination, 2011, 268, 117-125.	8.2	342
159	Binary system dye removal from colored textile wastewater using activated carbon: Kinetic and isotherm studies. Desalination, 2011, 272, 187-195.	8.2	98
160	Preparation, characterization and dye adsorption properties of biocompatible composite (alginate/titania nanoparticle). Desalination, 2011, 275, 93-101.	8.2	102
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