

# Niyaz Mohammad Mahmoodi

## List of Publications by Year in descending order

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212  
papers

16,039  
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3515

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118  
g-index

214  
all docs

214  
docs citations

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times ranked

11010  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Synthesis of visible light activated metal-organic framework coated on titania nanocomposite (MIL-53(Al)@TiO <sub>2</sub> ) and dye photodegradation. Journal of Solid State Chemistry, 2022, 307, 122747.  | 1.4 | 9         |
| 2  | Visible-Light-Driven Reduced Graphite Oxide as a Metal-Free Catalyst for Degradation of Colored Wastewater. Nanomaterials, 2022, 12, 374.   | 1.9 | 2         |
| 3  | Novel heterojunction magnetic composite MIL-53 (Fe)/ZnFe <sub>2</sub> O <sub>4</sub> : Synthesis and photocatalytic pollutant degradation. Korean Journal of Chemical Engineering, 2022, 39, 2713-2724.   | 1.2 | 2         |
| 4  | Activated carbon (AC)-metal-organic framework (MOF) composite: Synthesis, characterization and dye removal. Korean Journal of Chemical Engineering, 2022, 39, 2394-2404.  | 1.2 | 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.   | 1.6 | 11        |
| 6  | Silica aerogel/polyacrylonitrile/polyvinylidene fluoride nanofiber and its ability for treatment of colored wastewater. Journal of Molecular Structure, 2021, 1227, 129418.   | 1.8 | 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.  | 3.3 | 49        |
| 8  | Enhanced photocatalytic activity by synergic action of ZIF-8 and NiFe <sub>2</sub> O <sub>4</sub> under visible light irradiation. Journal of Molecular Structure, 2021, 1223, 129028.  | 1.8 | 20        |
| 9  | Adsorption of Malachite Green Dye onto Mesoporous Natural Inorganic Clays: Their Equilibrium Isotherm and Kinetics Studies. Water (Switzerland), 2021, 13, 965.   | 1.2 | 25        |
| 10 | Synthesis of iron based-metal-organic framework nanocomposite and visible light pollutant degradation ability. Materials Research Bulletin, 2021, 138, 111243.  | 2.7 | 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.  | 3.6 | 22        |
| 12 | Green synthesis of reduced graphene oxide-CoFe <sub>2</sub> O <sub>4</sub> 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. | 1.7 | 19        |
| 13 | Clean synthesis of rock candy-like metal-organic framework biocomposite for toxic contaminants remediation. Environmental Technology and Innovation, 2021, 23, 101747.  | 3.0 | 7         |
| 14 | Graphitic carbon nitride nanosheet/metal-organic framework heterostructure: Synthesis and pollutant degradation using visible light. Materials Chemistry and Physics, 2021, 269, 124726.  | 2.0 | 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.   | 2.7 | 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.   | 5.0 | 74        |
| 17 | Preparation of novel and highly active magnetic ternary structures (metal-organic framework/cobalt) for degradation of organic contaminants. Journal of Colloid and Interface Science, 2021, 602, 73-94.  | 5.0 | 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.  | 3.3 | 10        |

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|----|---|------|-----------|
| 19 | Synthesis of the metal-organic framework "Copper oxide nanocomposite and LED visible light organic contaminants (dye and pharmaceutical) destruction ability in the water. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 274, 115495. | 1.7  | 8         |
| 20 | Synthesis of pearl necklace-like ZIF-8@chitosan/PVA nanofiber with synergistic effect for recycling aqueous dye removal. <i>Carbohydrate Polymers</i> , 2020, 227, 115364.  | 5.1  | 166       |
| 21 | Synthesis of porous metal-organic framework composite adsorbents and pollutant removal from multicomponent systems. <i>Materials Chemistry and Physics</i> , 2020, 243, 122572.   | 2.0  | 18        |
| 22 | Clean Laccase immobilized nanobiocatalysts (graphene oxide - zeolite nanocomposites): From production to detailed biocatalytic degradation of organic pollutant. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118443.   | 10.8 | 143       |
| 23 | A study of the DR23 dye photocatalytic degradation utilizing a magnetic hybrid nanocomposite of MIL-53(Fe)/CoFe <sub>2</sub> O <sub>4</sub> : Facile synthesis and kinetic investigations. <i>Journal of Molecular Liquids</i> , 2020, 301, 112427.                                       | 2.3  | 32        |
| 24 | Environmentally friendly novel covalently immobilized enzyme bionanocomposite: From synthesis to the destruction of pollutant. <i>Composites Part B: Engineering</i> , 2020, 184, 107666.   | 5.9  | 99        |
| 25 | Chitosan-wrapped multiwalled carbon nanotube as filler within PEBA thin film nanocomposite (TFN) membrane to improve dye removal. <i>Carbohydrate Polymers</i> , 2020, 237, 116128.   | 5.1  | 150       |
| 26 | Synthesis of porous aminated PAN/PVDF composite nanofibers by electrospinning: Characterization and Direct Red 23 removal. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103876.  | 3.3  | 66        |
| 27 | Synthesis of magnetic metal-organic framework nanocomposite (ZIF-8@SiO <sub>2</sub> @MnFe <sub>2</sub> O <sub>4</sub> ) as a novel adsorbent for selective dye removal from multicomponent systems. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 177-188.                     | 2.2  | 135       |
| 28 | Preparation of mesoporous polyvinyl alcohol/chitosan/silica composite nanofiber and dye removal from wastewater. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S100.   | 1.3  | 33        |
| 29 | Metal-organic framework (ZIF-8)/inorganic nanofiber (Fe <sub>2</sub> O <sub>3</sub> ) nanocomposite: Green synthesis and photocatalytic degradation using LED irradiation. <i>Journal of Molecular Liquids</i> , 2019, 291, 111333.   | 2.3  | 44        |
| 30 | Surface modified montmorillonite with cationic surfactants: Preparation, characterization, and dye adsorption from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103243.  | 3.3  | 119       |
| 31 | Ethylenediamine/glutaraldehyde-modified starch: A bioplatfrom for removal of anionic dyes from wastewater. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1421-1431.   | 1.2  | 11        |
| 32 | Metal-organic framework as a platform of the enzyme to prepare novel environmentally friendly nanobiocatalyst for degrading pollutant in water. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 606-613.   | 2.9  | 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. <i>Journal of Hazardous Materials</i> , 2019, 368, 746-759.                   | 6.5  | 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. <i>Journal of Hazardous Materials</i> , 2019, 378, 120741.  | 6.5  | 119       |
| 35 | Environmentally friendly ultrasound-assisted synthesis of magnetic zeolitic imidazolate framework - Graphene oxide nanocomposites and pollutant removal from water. <i>Journal of Molecular Liquids</i> , 2019, 282, 115-130.   | 2.3  | 147       |
| 36 | Facile and green synthesis of metal-organic framework/inorganic nanofiber using electrospinning for recyclable visible-light photocatalysis. <i>Journal of Cleaner Production</i> , 2019, 222, 669-684.   | 4.6  | 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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 572, 211-220. | 2.3 | 20        |
| 38 | Bio-based magnetic metal-organic framework nanocomposite: Ultrasound-assisted synthesis and pollutant (heavy metal and dye) removal from aqueous media. <i>Applied Surface Science</i> , 2019, 480, 288-299.   | 3.1 | 159       |
| 39 | Graphene based ZnO nanoparticles to depolymerize lignin-rich residues via UV/iodide process. <i>Environment International</i> , 2019, 125, 172-183.  | 4.8 | 21        |
| 40 | Halogen lamp activated nanocomposites as nanoporous photocatalysts: Synthesis, characterization, and pollutant degradation mechanism. <i>Journal of Molecular Liquids</i> , 2019, 281, 389-400.  | 2.3 | 19        |
| 41 | Synthesis and characterization of PAMAM/SiO <sub>2</sub> nanohybrid as a new promising adsorbent for pharmaceuticals. <i>Microchemical Journal</i> , 2019, 146, 1150-1159.   | 2.3 | 34        |
| 42 | Activated carbon/metal-organic framework composite as a bio-based novel green adsorbent: Preparation and mathematical pollutant removal modeling. <i>Journal of Molecular Liquids</i> , 2019, 277, 310-322.  | 2.3 | 128       |
| 43 | Carbon nanotube based metal-organic framework nanocomposites: Synthesis and their photocatalytic activity for decolorization of colored wastewater. <i>Inorganica Chimica Acta</i> , 2019, 487, 169-176.   | 1.2 | 120       |
| 44 | Ultrasound-assisted green synthesis and application of recyclable nanoporous chromium-based metal-organic framework. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 287-298.  | 1.2 | 37        |
| 45 | Activated carbon/metal-organic framework nanocomposite: Preparation and photocatalytic dye degradation mathematical modeling from wastewater by least squares support vector machine. <i>Journal of Environmental Management</i> , 2019, 233, 660-672.                             | 3.8 | 115       |
| 46 | Clay-based electrospun nanofibrous membranes for colored wastewater treatment. <i>Applied Clay Science</i> , 2019, 168, 77-86.   | 2.6 | 105       |
| 47 | Synthesis of NENU metal-organic framework-graphene oxide nanocomposites and their pollutant removal ability from water using ultrasound. <i>Journal of Cleaner Production</i> , 2019, 211, 198-212.  | 4.6 | 28        |
| 48 | Superparamagnetic enzyme-graphene oxide magnetic nanocomposite as an environmentally friendly biocatalyst: Synthesis and biodegradation of dye using response surface methodology. <i>Microchemical Journal</i> , 2019, 145, 547-558.  | 2.3 | 24        |
| 49 | Development of hydrophilic microporous PES ultrafiltration membrane containing CuO nanoparticles with improved antifouling and separation performance. <i>Materials Chemistry and Physics</i> , 2019, 222, 338-350.  | 2.0 | 135       |
| 50 | Covalently immobilized laccase onto graphene oxide nanosheets: Preparation, characterization, and biodegradation of azo dyes in colored wastewater. <i>Journal of Molecular Liquids</i> , 2019, 276, 153-162.  | 2.3 | 138       |
| 51 | Zeolite nanoparticle as a superior adsorbent with high capacity: Synthesis, surface modification and pollutant adsorption ability from wastewater. <i>Microchemical Journal</i> , 2019, 145, 74-83.  | 2.3 | 117       |
| 52 | Nanoporous metal-organic framework (MOF-199): Synthesis, characterization and photocatalytic degradation of Basic Blue 41. <i>Microchemical Journal</i> , 2019, 144, 436-442.  | 2.3 | 144       |
| 53 | Efficient dye removal from aqueous solution by high-performance electrospun nanofibrous membranes through incorporation of SiO <sub>2</sub> nanoparticles. <i>Journal of Cleaner Production</i> , 2018, 183, 1197-1206.  | 4.6 | 121       |
| 54 | Photophysical properties of novel functionalized fluorescent dyes based on diketopyrrolopyrrole and application in inkjet printing ink. <i>Journal of Luminescence</i> , 2018, 199, 499-508.   | 1.5 | 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. <i>Journal of Hazardous Materials</i> , 2018, 347, 123-140.   | 6.5 | 308       |
| 56 | Metal-organic framework (MIL-100 (Fe)): Synthesis, detailed photocatalytic dye degradation ability in colored textile wastewater and recycling. <i>Materials Research Bulletin</i> , 2018, 100, 357-366.   | 2.7 | 174       |
| 57 | Preparation and characterization of a novel polyethersulfone (PES) ultrafiltration membrane modified with a CuO/ZnO nanocomposite to improve permeability and antifouling properties. <i>Separation and Purification Technology</i> , 2018, 192, 369-382.                                | 3.9 | 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. <i>Composites Part B: Engineering</i> , 2018, 154, 388-409.                            | 5.9 | 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. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 19-27.       | 1.7 | 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. <i>Journal of Molecular Liquids</i> , 2018, 269, 217-228. | 2.3 | 123       |
| 61 | Tuning Composition of Electrospun ZnO/CuO Nanofibers: Toward Controllable and Efficient Solar Photocatalytic Degradation of Organic Pollutants. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3327-3338.   | 1.5 | 117       |
| 62 | Bi-amino surface functionalized polyoxometalate nanocomposite as an environmentally friendly catalyst: synthesis and dye degradation. <i>Water Science and Technology</i> , 2017, 75, 2381-2389.   | 1.2 | 5         |
| 63 | Synthesis of the modified nanofiber as a nanoadsorbent and its dye removal ability from water: isotherm, kinetic and thermodynamic. <i>Water Science and Technology</i> , 2017, 75, 2475-2487.   | 1.2 | 14        |
| 64 | Competitive removal of heavy metal ions from squid oil under isothermal condition by CR11 chelate ion exchanger. <i>Journal of Hazardous Materials</i> , 2017, 334, 256-266.   | 6.5 | 98        |
| 65 | Synthesis of amine-modified zeolitic imidazolate framework-8, ultrasound-assisted dye removal and modeling. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 550-564.  | 3.8 | 112       |
| 66 | Dye removal from wastewater by the cross-linked blend nanofiber and homogenous surface diffusion modeling. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1634-1642.   | 1.3 | 4         |
| 67 | Preparation of Modified Reduced Graphene Oxide nanosheet with Cationic Surfactant and its Dye Adsorption Ability from Colored Wastewater. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 1085-1093.  | 1.0 | 27        |
| 68 | Synthesis of metal-organic framework hybrid nanocomposites based on GO and CNT with high adsorption capacity for dye removal. <i>Chemical Engineering Journal</i> , 2017, 326, 1145-1158.  | 6.6 | 494       |
| 69 | One-pot synthesis of a reduced graphene oxide-ZnO nanorod composite and dye decolorization modeling. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 439-451.   | 2.7 | 16        |
| 70 | Efficient removal of cationic dyes from colored wastewaters by dithiocarbamate-functionalized graphene oxide nanosheets: From synthesis to detailed kinetics studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 81, 239-246.                                  | 2.7 | 143       |
| 71 | Determination and analysis of CO <sub>2</sub> capture kinetics and mechanisms on the novel graphene-based adsorbents. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 21, 17-29.  | 3.3 | 46        |
| 72 | Synthesis of nanoparticle and modelling of its photocatalytic dye degradation ability from colored wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3684-3689.  | 3.3 | 82        |

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| 73 | Dye adsorption from single and binary systems using NiO@MnO <sub>2</sub> nanocomposite and artificial neural network modeling. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 111-119.             | 1.3 | 41        |
| 74 | Preparation of electrospun affinity membrane and cross flow system for dynamic removal of anionic dye from colored wastewater. <i>Fibers and Polymers</i> , 2017, 18, 2387-2399.                                     | 1.1 | 18        |
| 75 | SYNTHESIS OF ALGINATE AMIDE COMPOSITE USING MICROWAVE AND ITS DYE REMOVAL ABILITY. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1859-1866.  | 0.2 | 0         |
| 76 | Copper oxide-carbon nanotube (CuO/CNT) nanocomposite: Synthesis and photocatalytic dye degradation from colored textile wastewater. <i>Fibers and Polymers</i> , 2016, 17, 1842-1848.                                | 1.1 | 22        |
| 77 | Dye removal and kinetics of adsorption by magnetic chitosan nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 24378-24386.  | 1.0 | 122       |
| 78 | Immobilized polyoxometalate onto the modified magnetic nanoparticle as a photocatalyst for dye degradation. <i>Materials Research Bulletin</i> , 2016, 84, 422-428.  | 2.7 | 27        |
| 79 | Preparation of aminated nanoporous nanofiber by solvent casting/porogen leaching technique and dye adsorption modeling. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 65, 378-389.            | 2.7 | 52        |
| 80 | Enhanced photodegradation of hazardous tartrazine by composite of nanomolecularly imprinted polymer-nanophotocatalyst with high efficiency. <i>Desalination and Water Treatment</i> , 2016, 57, 3142-3151.           | 1.0 | 33        |
| 81 | Synthesis and characterization of the functionalized nanoparticle and dye removal modeling. <i>Desalination and Water Treatment</i> , 2016, 57, 24035-24046.   | 1.0 | 3         |
| 82 | Synthesis of nanostructured adsorbent and dye adsorption modeling by an intelligent model for multicomponent systems. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 902-913.                             | 1.2 | 10        |
| 83 | Nanostructured adsorbent (MnO <sub>2</sub> ): Synthesis and least square support vector machine modeling of dye removal. <i>Desalination and Water Treatment</i> , 2016, 57, 21524-21533.                            | 1.0 | 9         |
| 84 | Modified poly(vinyl alcohol)-triethylenetetramine nanofiber by glutaraldehyde: preparation and dye removal ability from wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 20076-20083.                 | 1.0 | 48        |
| 85 | Functionalized copper oxide@zinc oxide nanocomposite: synthesis and genetic programming model of dye adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 18755-18769.                                    | 1.0 | 21        |
| 86 | Synthesis of CuO@NiO nanocomposite and dye adsorption modeling using artificial neural network. <i>Desalination and Water Treatment</i> , 2016, 57, 17220-17229.   | 1.0 | 13        |
| 87 | Cadmium selenide quantum dots: synthesis, characterization, and dye removal ability with UV irradiation. <i>Desalination and Water Treatment</i> , 2016, 57, 16552-16558.  | 1.0 | 16        |
| 88 | Preparation of surface functionalized graphene oxide nanosheet and its multicomponent dye removal ability from wastewater. <i>Fibers and Polymers</i> , 2015, 16, 1035-1047.   | 1.1 | 43        |
| 89 | Synthesis of polyacrylonitrile/polyamidoamine composite nanofibers using electrospinning technique and their dye removal capacity. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 49, 119-128. | 2.7 | 108       |
| 90 | Surface modification of magnetic nanoparticle and dye removal from ternary systems. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 251-259.  | 2.9 | 112       |

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|-----|---|-----|-----------|
| 91  | Graphene oxide nanosheet: preparation and dye removal from binary system colored wastewater. <i>Desalination and Water Treatment</i> , 2015, 56, 2382-2394.   | 1.0 | 56        |
| 92  | Immobilization of laccase enzyme onto titania nanoparticle and decolorization of dyes from single and binary systems. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 109-116.                              | 1.4 | 106       |
| 93  | Preparation of PVA-chitosan blend nanofiber and its dye removal ability from colored wastewater. <i>Fibers and Polymers</i> , 2015, 16, 1861-1869.  | 1.1 | 98        |
| 94  | Preparation and adsorption behavior of diethylenetriamine/polyacrylonitrile composite nanofibers for a direct dye removal. <i>Fibers and Polymers</i> , 2015, 16, 1925-1934.  | 1.1 | 123       |
| 95  | Cationic Dye Removal Ability from Multicomponent System by Magnetic Carbon Nanotubes. <i>Journal of Solution Chemistry</i> , 2015, 44, 1568-1583.   | 0.6 | 6         |
| 96  | Tectomer grafted nanofiber: Synthesis, characterization and dye removal ability from multicomponent system. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 85-98.                                   | 2.9 | 124       |
| 97  | Kinetics and isotherm of cationic dye removal from multicomponent system using the synthesized silica nanoparticle. <i>Desalination and Water Treatment</i> , 2015, 54, 562-571.  | 1.0 | 43        |
| 98  | Manganese ferrite nanoparticle: Synthesis, characterization, and photocatalytic dye degradation ability. <i>Desalination and Water Treatment</i> , 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. <i>Desalination and Water Treatment</i> , 2015, 54, 2452-2460. | 1.0 | 16        |
| 100 | Dendrimer-titania nanocomposite: synthesis and dye-removal capacity. <i>Research on Chemical Intermediates</i> , 2015, 41, 3743-3757.   | 1.3 | 117       |
| 101 | Extended isotherm and kinetics of binary system dye removal using carbon nanotube from wastewater. <i>Desalination and Water Treatment</i> , 2015, 54, 2777-2793.   | 1.0 | 10        |
| 102 | Amine functionalized magnetic carbon nanotube: synthesis and binary system dye removal. <i>Desalination and Water Treatment</i> , 2015, 56, 107-120.  | 1.0 | 5         |
| 103 | Decolorization of dyes using immobilized laccase enzyme on zinc ferrite nanoparticle from single and binary systems. <i>Fibers and Polymers</i> , 2014, 15, 2139-2145.  | 1.1 | 17        |
| 104 | Modification of carbon nanotubes with cationic surfactant and its application for removal of direct dyes. <i>Desalination and Water Treatment</i> , 2014, 52, 4356-4368.  | 1.0 | 17        |
| 105 | Synthesis of urethane sodium carboxylate and its dye removal ability from single system. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1558-1565.  | 2.9 | 2         |
| 106 | Primary-secondary amino silica nanoparticle: synthesis and dye removal from binary system. <i>Desalination and Water Treatment</i> , 2014, 52, 7784-7796.   | 1.0 | 10        |
| 107 | Degradation of dyes using combined photo-Fenton/activated carbon: synergistic effect. <i>Desalination and Water Treatment</i> , 2014, 52, 5007-5014.  | 1.0 | 6         |
| 108 | Synthesis of cationic polymeric adsorbent and dye removal isotherm, kinetic and thermodynamic. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2745-2753.  | 2.9 | 92        |

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|-----|--|-----|-----------|
| 109 | Binary catalyst system dye degradation using photocatalysis. <i>Fibers and Polymers</i> , 2014, 15, 273-280.   | 1.1 | 95        |
| 110 | Synthesis of urethane polycarboxylate as a novel adsorbent and its binary system dye removal ability from aqueous solution. <i>Fibers and Polymers</i> , 2014, 15, 446-456.                    | 1.1 | 4         |
| 111 | Laccase immobilized manganese ferrite nanoparticle: Synthesis and LSSVM intelligent modeling of decolorization. <i>Water Research</i> , 2014, 67, 216-226.                                     | 5.3 | 104       |
| 112 | Surface modification and ternary system dye removal ability of manganese ferrite nanoparticle. <i>Fibers and Polymers</i> , 2014, 15, 1616-1626.   | 1.1 | 8         |
| 113 | Dye removal using polymeric adsorbent from wastewater containing mixture of two dyes. <i>Fibers and Polymers</i> , 2014, 15, 1656-1668.  | 1.1 | 14        |
| 114 | Direct dyes removal using modified magnetic ferrite nanoparticle. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 96.   | 1.4 | 87        |
| 115 | Synthesis of porous adsorbent using microwave assisted combustion method and dye removal. <i>Journal of Alloys and Compounds</i> , 2014, 602, 210-220.   | 2.8 | 19        |
| 116 | Assessment of competitive dye removal using a reliable method. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 1672-1683.  | 3.3 | 18        |
| 117 | Dendrimer functionalized nanoarchitecture: Synthesis and binary system dye removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2008-2020.                        | 2.7 | 101       |
| 118 | Synthesis of magnetic carbon nanotube and photocatalytic dye degradation ability. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5595-5604.                                       | 1.3 | 123       |
| 119 | Synthesis of core-shell magnetic adsorbent nanoparticle and selectivity analysis for binary system dye removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2050-2058.  | 2.9 | 105       |
| 120 | Decolorization of dyes using laccase enzyme from single and binary systems. <i>Desalination and Water Treatment</i> , 2014, 52, 1895-1902.   | 1.0 | 8         |
| 121 | Poly (amidoamine-co-acrylic acid) copolymer: Synthesis, characterization and dye removal ability. <i>Industrial Crops and Products</i> , 2013, 42, 119-125.                                    | 2.5 | 110       |
| 122 | Dye removal using modified copper ferrite nanoparticle and RSM analysis. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 10235-10248.  | 1.3 | 12        |
| 123 | Photocatalytic Degradation of Dyes Using Carbon Nanotube and Titania Nanoparticle. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.   | 1.1 | 100       |
| 124 | Zinc ferrite nanoparticle as a magnetic catalyst: Synthesis and dye degradation. <i>Materials Research Bulletin</i> , 2013, 48, 4255-4260.   | 2.7 | 110       |
| 125 | Synthesis of Amine-Functionalized Magnetic Ferrite Nanoparticle and Its Dye Removal Ability. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 1382-1390.                         | 0.7 | 97        |
| 126 | Magnetic ferrite nanoparticle-alginate composite: Synthesis, characterization and binary system dye removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 322-330. | 2.7 | 131       |

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|-----|--|-----|-----------|
| 127 | Removal of anionic dyes from aqueous solution by modified alginate. <i>Desalination and Water Treatment</i> , 2013, 51, 2253-2260.   | 1.0 | 4         |
| 128 | Nickel Ferrite Nanoparticle: Synthesis, Modification by Surfactant and Dye Removal Ability. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.  | 1.1 | 100       |
| 129 | Gemini polymeric nanoarchitecture as a novel adsorbent: Synthesis and dye removal from multicomponent system. <i>Journal of Colloid and Interface Science</i> , 2013, 400, 88-96.                                      | 5.0 | 31        |
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