

Shilpi Agarwal

List of PR Articles by Year in descending order

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155

PR articles

21,103

PR citations

5157

73

PR h-index

6206

142

g-index

155

documents

22784

doc citations

6444

76

h-index

18126

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Nanoporous carbon materials as a sustainable alternative for the remediation of toxic impurities and environmental contaminants: A review. <i>Science of the Total Environment</i> , 2022, 838, 155943.	8.4	20
2	Taguchi L9 (34) orthogonal array study based on methylene blue removal by single-walled carbon nanotubes-amine: Adsorption optimization using the experimental design method, kinetics, equilibrium and thermodynamics. <i>Journal of Molecular Liquids</i> , 2020, 298, 112001.	5.1	117
3	Removal of toxic chemical ethidium monoazide bromide using graphene oxide: Thermodynamic and kinetics study. <i>Journal of Molecular Liquids</i> , 2019, 293, 111484.	5.1	19
4	Surface Modification of MWCNTs with Carboxylic-to-Amine and Their Superb Adsorption Performance. <i>International Journal of Environmental Research</i> , 2019, 13, 523-531.	3.5	53
5	Phenol adsorption on scoria stone as adsorbent - Application of response surface method and artificial neural networks. <i>Journal of Molecular Liquids</i> , 2019, 274, 699-714.	5.1	76
6	Algal biochar reinforced trimetallic nanocomposite as adsorption/photocatalyst for remediation of malachite green from aqueous medium. <i>Journal of Molecular Liquids</i> , 2019, 275, 499-509.	5.1	85
7	Efficient fluoride removal by preparation, characterization of pyrolysis bone: Mixed level design experiment and Taguchi L8 orthogonal array optimization. <i>Journal of Molecular Liquids</i> , 2019, 275, 251-264.	5.1	41
8	High-performance removal of diazinon pesticide from water using multi-walled carbon nanotubes. <i>Microchemical Journal</i> , 2019, 145, 486-491.	4.7	175
9	Adsorption kinetics of lysozyme on multi-walled carbon nanotubes and amino functionalized multi-walled carbon nanotubes from aqueous solution. <i>Journal of Molecular Liquids</i> , 2018, 254, 93-97.	5.1	25
10	MWCNTs-Fe ₃ O ₄ nanocomposite for Hg(II) high adsorption efficiency. <i>Journal of Molecular Liquids</i> , 2018, 258, 345-353.	5.1	170
11	Zn (II) removal by amino-functionalized magnetic nanoparticles: Kinetics, isotherm, and thermodynamic aspects of adsorption. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 302-310.	5.8	61
12	Electrochemical sensor for detection of uric acid in the presence of ascorbic acid and dopamine using the poly(DPA)/SiO ₂ @Fe ₃ O ₄ modified carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018, 820, 168-175.	3.9	102
13	Towards green synthesis of monodisperse Cu nanoparticles: An efficient and high sensitive electrochemical nitrite sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 873-882.	7.7	156
14	Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic. <i>Journal of Molecular Liquids</i> , 2018, 260, 342-350.	5.1	143
15	Catalytic decomposition of 2-chlorophenol using an ultrasonic-assisted Fe ₃ O ₄ @TiO ₂ @MWCNT system: Influence factors, pathway and mechanism study. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 172-189.	9.9	64
16	Adsorption of p-Cresol on Al ₂ O ₃ coated multi-walled carbon nanotubes: Response surface methodology and isotherm study. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 57, 396-404.	5.8	79
17	Adsorption of Amido Black 10B from aqueous solution using polyaniline/SiO ₂ nanocomposite: Experimental investigation and artificial neural network modeling. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 246-261.	9.9	178
18	Synthesis and characterization of Ag doped ZnS quantum dots for enhanced photocatalysis of Strychnine as a poison: Charge transfer behavior study by electrochemical impedance and time-resolved photoluminescence spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 95-102.	9.9	70

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19	Antioxidant activity and controlled drug delivery potential of tragacanth gum-cl- poly (lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2534-2543.	8.2	63
20	Adsorption of heavy metals on conventional and nanostructured materials for wastewater treatment purposes: A review. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 702-712.	6.2	1,462
21	Synthesis and characterization of magnetic poly(acrylonitrile-co-acrylic acid) nanofibers for dispersive solid phase extraction and pre-concentration of malachite green from water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 237-249.	5.8	24
22	Preparation and characterization of TiO ₂ nanofibers by hydrothermal method for removal of Benzodiazepines (Diazepam) from liquids as catalytic ozonation and adsorption processes. <i>Journal of Molecular Liquids</i> , 2018, 249, 1033-1038.	5.1	43
23	Line defect Ce ³⁺ induced Ag/CeO ₂ /ZnO nanostructure for visible-light photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 499-506.	4.3	91
24	Enhanced Antibacterial effect of chitosan film using Montmorillonite/CuO nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1219-1231.	8.2	207
25	Palladium oxide nanoparticles supported on reduced graphene oxide and gold doped: Preparation, characterization and electrochemical study of supercapacitor electrode. <i>Journal of Molecular Liquids</i> , 2018, 249, 61-65.	5.1	32
26	Preparation and characterization of WS ₂ decorated and immobilized on chitosan and polycaprolactone as biodegradable polymers nanofibers: Photocatalysis study and antibiotic-conjugated for antibacterial evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1789-1793.	8.2	48
27	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. <i>Sensors</i> , 2018, 18, 2817.	3.1	38
28	Novel nanohydrogel based on itaconic acid grafted tragacanth gum for controlled release of ampicillin. <i>Carbohydrate Polymers</i> , 2018, 196, 262-271.	12.2	78
29	Simple synthesis of biogenic Pd Ag bimetallic nanostructures for an ultra-sensitive electrochemical sensor for sensitive determination of uric acid. <i>Journal of Electroanalytical Chemistry</i> , 2018, 822, 163-170.	3.9	34
30	Comparison of multiple linear regression and group method of data handling models for predicting sunset yellow dye removal onto activated carbon from oak tree wood. <i>Environmental Technology and Innovation</i> , 2018, 11, 262-275.	6.7	29
31	Pt nanoparticles decorated WO ₃ -MWCNTs nanocomposites: Preparation, characterization, and adsorption behavior. <i>Journal of Molecular Liquids</i> , 2017, 229, 514-519.	5.1	28
32	Adsorption mechanism of functionalized multi-walled carbon nanotubes for advanced Cu (II) removal. <i>Journal of Molecular Liquids</i> , 2017, 230, 667-673.	5.1	114
33	Peganum harmala -L Seeds adsorbent for the rapid removal of noxious brilliant green dyes from aqueous phase. <i>Journal of Molecular Liquids</i> , 2017, 231, 296-305.	5.1	76
34	Liquid phase analysis of methyl dopa in the presence of tyrosine using electrocatalytic effect of a catechol derivative at a surface of NiO nanoparticle modified carbon paste electrode. <i>Journal of Molecular Liquids</i> , 2017, 230, 290-294.	5.1	16
35	Degradation of azo dyes under different wavelengths of UV light with chitosan-SnO ₂ nanocomposites. <i>Journal of Molecular Liquids</i> , 2017, 232, 423-430.	5.1	134
36	Removal of phthalate esters (PAEs) by zeolite/Fe ₃ O ₄ : Investigation on the magnetic adsorption separation, catalytic degradation and toxicity bioassay. <i>Journal of Molecular Liquids</i> , 2017, 233, 378-390.	5.1	75

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37	Application of response surface methodology to optimize the adsorption performance of a magnetic graphene oxide nanocomposite adsorbent for removal of methadone from the environment. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 193-200.	9.9	124
38	Adsorption/desorption study of proteins onto multi-walled carbon nanotubes and amino multi-walled carbon nanotubes surfaces as adsorbents. <i>Journal of Molecular Liquids</i> , 2017, 231, 566-571.	5.1	30
39	Synthesis and characterization of Ag 2 S decorated chitosan nanocomposites and chitosan nanofibers for removal of lincosamides antibiotic. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1-7.	8.2	46
40	Synthesis of MnO 2 /cellulose fiber nanocomposites for rapid adsorption of insecticide compound and optimization by response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 840-846.	8.2	52
41	Facile route synthesis of novel graphene oxide- β -cyclodextrin nanocomposite and its application as adsorbent for removal of toxic bisphenol A from the aqueous phase. <i>Journal of Molecular Liquids</i> , 2017, 237, 466-472.	5.1	130
42	MWCNT-Fe 3 O 4 as a superior adsorbent for microcystins LR removal: Investigation on the magnetic adsorption separation, artificial neural network modeling, and genetic algorithm optimization. <i>Journal of Molecular Liquids</i> , 2017, 241, 102-113.	5.1	66
43	Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 164-170.	9.9	82
44	Synthesis and characterization of metal oxides (CeO 2 , CuO, NiO, Mn 3 O 4 , SnO 2 and ZnO) nanoparticles as photo catalysts for degradation of textile dyes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 43-49.	3.6	226
45	Optimization by response surface methodology for vanadium (V) removal from aqueous solutions using PdO-MWCNTs nanocomposites. <i>Journal of Molecular Liquids</i> , 2017, 234, 117-123.	5.1	25
46	Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	8.2	90
47	Modeling and optimization of Direct Red 16 adsorption from aqueous solutions using nanocomposite of MnFe 2 O 4 /MWCNTs: RSM-CCRD model. <i>Journal of Molecular Liquids</i> , 2017, 233, 370-377.	5.1	60
48	Optical and electrochemical dual channel sensing of Cu ²⁺ using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 73-81.	4.3	10
49	Optimization of toxic biological compound adsorption from aqueous solution onto Silicon and Silicon carbide nanoparticles through response surface methodology. <i>Materials Science and Engineering C</i> , 2017, 77, 1128-1134.	5.8	29
50	Folic acid modified cross-linked cationic polymer: Synthesis, characterization and application of the removal of Congo red dye from aqueous medium. <i>Journal of Molecular Liquids</i> , 2017, 227, 87-97.	5.1	34
51	Synthesis and characterization of MnO 2 /NiO nanocomposites for photocatalysis of tetracycline antibiotic and modification with guanidine for carriers of Caffeic acid phenethyl ester-an anticancer drug. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 235-242.	3.6	54
52	Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shellâ€”Optimization, kinetics and equilibrium studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 464-471.	5.8	103
53	Sonocatalytic, sonophotocatalytic and photocatalytic degradation of morphine using molybdenum trioxide and molybdenum disulfide nanoparticles photocatalyst. <i>Journal of Molecular Liquids</i> , 2017, 225, 95-100.	5.1	25
54	Iron doped SnO ₂ /Co ₃ O ₄ nanocomposites synthesized by sol-gel and precipitation method for metronidazole antibiotic degradation. <i>Materials Science and Engineering C</i> , 2017, 70, 178-183.	5.8	51

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55	Synthesis of nanocomposites from polyacrylamide and graphene oxide: Application as flocculants for water purification. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 505-510.	9.9	45
56	Synthesis of CdSe quantum dots decorated SnO ₂ nanotubes as anode for photo-assisted electrochemical degradation of hydrochlorothiazide: Kinetic process. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 575-582.	9.9	23
57	High-flux ultrafiltration membrane based on electrospun polyacrylonitrile nanofibrous scaffolds for arsenate removal from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 564-571.	9.9	65
58	Pre-concentration of trace amount of bisphenol A in water samples by palm leaf ash and determination with high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2016, 30, 1256-1262.	1.7	14
59	Degradation of azinphos-methyl and chlorpyrifos from aqueous solutions by ultrasound treatment. <i>Journal of Molecular Liquids</i> , 2016, 221, 1237-1242.	5.1	63
60	Reduced graphene oxide based a novel polymer inclusion membrane: Transport studies of Cr(VI). <i>Journal of Molecular Liquids</i> , 2016, 219, 1124-1130.	5.1	50
61	Fabrication of chitosan-g-poly(acrylamide)/CuS nanocomposite for controlled drug delivery and antibacterial activity. <i>Materials Science and Engineering C</i> , 2016, 64, 428-435.	5.8	69
62	Fabrication and characterization of Fe@MoPO nanoparticles: Ion exchange behavior and photocatalytic activity against malachite green. <i>Journal of Molecular Liquids</i> , 2016, 219, 1137-1143.	5.1	107
63	Kinetics and thermodynamics of Malachite Green dye removal from aqueous phase using iron nanoparticles loaded on ash. <i>Journal of Molecular Liquids</i> , 2016, 223, 1340-1347.	5.1	74
64	Microwave-assisted hydrothermal synthesis and adsorption properties of carbon nanofibers for methamphetamine removal from aqueous solution using a response surface methodology. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 41, 158-164.	5.8	28
65	Highly sensitive nanostructure voltammetric sensor employing Pt/CNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate for determination of tryptophan in food and pharmaceutical samples. <i>Journal of Molecular Liquids</i> , 2016, 223, 431-435.	5.1	23
66	Rapid removal of noxious nickel (II) using novel γ -alumina nanoparticles and multiwalled carbon nanotubes: Kinetic and isotherm studies. <i>Journal of Molecular Liquids</i> , 2016, 224, 618-623.	5.1	92
67	Fabrication of chitosan-g-poly(acrylamide)/Cu nanocomposite for the removal of Pb(II) from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2016, 224, 1319-1325.	5.1	28
68	Taguchi L8 (27) orthogonal array design method for the optimization of synthesis conditions of manganese phosphate (Mn ₃ (PO ₄) ₂) nanoparticles using water-in-oil microemulsion method. <i>Journal of Molecular Liquids</i> , 2016, 219, 1131-1136.	5.1	9
69	Adsorption of toxic carbamate pesticide oxamyl from liquid phase by newly synthesized and characterized graphene quantum dots nanomaterials. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 430-438.	9.9	89
70	The effect of Na ₂ SO ₄ concentration in aqueous phase on the phase inversion temperature of lemon oil in water nano-emulsions. <i>Journal of Molecular Liquids</i> , 2016, 215, 454-460.	5.1	18
71	Rapid removal of Hg (II) from aqueous solution by rice straw activated carbon prepared by microwave-assisted H ₂ SO ₄ activation: Kinetic, isotherm and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2016, 215, 144-153.	5.1	67
72	Investigation of phytochemical and antimicrobial properties of <i>Linum usitatissimum</i> in presence of ZnO/Zn(OH) ₂ nanoparticles and extraction of euphol from <i>Euphorbia microsciadia</i> . <i>Desalination and Water Treatment</i> , 2016, 57, 20597-20607.	0.9	12

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73	Photodegradation of Erythromycin antibiotic by $\hat{1}^3$ -Fe ₂ O ₃ /SiO ₂ nanocomposite: Response surface methodology modeling and optimization. <i>Journal of Molecular Liquids</i> , 2016, 214, 378-383.	5.1	82
74	Adsorptive properties of molasses modified boron enrichment waste based nanoclay for removal of basic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 244-249.	5.8	41
75	Adsorption behavior of methylene blue dye on nanocomposite multi-walled carbon nanotube functionalized thiol (MWCNT-SH) as new adsorbent. <i>Journal of Molecular Liquids</i> , 2016, 216, 830-835.	5.1	114
76	Ultrasound-assisted adsorption of Sunset Yellow CFC dye onto Cu doped ZnS nanoparticles loaded on activated carbon using response surface methodology based on central composite design. <i>Journal of Molecular Liquids</i> , 2016, 219, 332-340.	5.1	61
77	Adsorption of Triamterene on multi-walled and single-walled carbon nanotubes: Artificial neural network modeling and genetic algorithm optimization. <i>Journal of Molecular Liquids</i> , 2016, 216, 654-665.	5.1	96
78	Adsorptive removal of fluoride from aqueous solution using single- and multi-walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2016, 216, 401-410.	5.1	110
79	Synthesis and characterization of ZrO ₂ and carbon-doped ZrO ₂ nanoparticles for photocatalytic application. <i>Journal of Molecular Liquids</i> , 2016, 216, 342-346.	5.1	90
80	Synthesis of CuS nanoparticles and evaluation of its antimicrobial properties in combination with <i>Linum usitatissimum</i> root and shoot extract. <i>Desalination and Water Treatment</i> , 2016, 57, 24456-24466.	0.9	27
81	Investigating the toxicity of acid dyes from textile effluent under UV/ZnO process using <i>Daphnia magna</i> . <i>Desalination and Water Treatment</i> , 2016, 57, 24359-24367.	0.9	14
82	Removal of As(III) and As(V) using rubber tire derived activated carbon modified with alumina composite. <i>Journal of Molecular Liquids</i> , 2016, 216, 836-844.	5.1	83
83	Preparation of Nickel hydroxide nanoplates modified activated carbon for Malachite Green removal from solutions: Kinetic, thermodynamic, isotherm and antibacterial studies. <i>Chemical Engineering Research and Design</i> , 2016, 102, 85-97.	6.3	61
84	Efficient removal of toxic bromothymol blue and methylene blue from wastewater by polyvinyl alcohol. <i>Journal of Molecular Liquids</i> , 2016, 218, 191-197.	5.1	175
85	Kinetics, equilibrium studies and thermodynamics of methylene blue adsorption on <i>Ephedra strobilacea</i> saw dust and modified using phosphoric acid and zinc chloride. <i>Journal of Molecular Liquids</i> , 2016, 218, 208-218.	5.1	139
86	Mo (IV) adsorption from nitric acid media by Di-(2-ethylhexyl) phosphoric acid (D2EHPA) coated silanized magnetite nanoparticles. <i>Journal of Molecular Liquids</i> , 2016, 218, 346-353.	5.1	16
87	Enhanced removal of Cr(VI) from aqueous solutions using polypyrrole wrapped oxidized MWCNTs nanocomposites adsorbent. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 257-267.	9.9	201
88	Synthesis and characteristics of polyaniline/zirconium oxide conductive nanocomposite for dye adsorption application. <i>Journal of Molecular Liquids</i> , 2016, 218, 494-498.	5.1	124
89	Polyaniline nanofibers as highly effective re-usable adsorbent for removal of reactive black 5 from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 442-451.	9.9	82
90	Microporous nanocrystalline NaA zeolite prepared by microwave assisted hydrothermal method and determination of kinetic, isotherm and thermodynamic parameters of the batch sorption of Ni (II). <i>Journal of Molecular Liquids</i> , 2016, 215, 161-169.	5.1	42

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91	Curcuminâ€“malic acid based green copolymers for control of scale and microbiological growth applications in industrial cooling water treatment. <i>Journal of Molecular Liquids</i> , 2016, 214, 400-410.	5.1	39
92	Dynamic adsorption behavior and mechanism of Cefotaxime, Cefradine and Cefazolin antibiotics on CdS-MWCNT nanocomposites. <i>Journal of Molecular Liquids</i> , 2016, 215, 269-275.	5.1	75
93	Kinetics and thermodynamics of malachite green dye adsorption from aqueous solutions on graphene oxide and reduced graphene oxide. <i>Journal of Molecular Liquids</i> , 2016, 214, 259-263.	5.1	165
94	Biosorption of malachite green by novel biosorbent <i>Yarrowia lipolytica</i> isf7: Application of response surface methodology. <i>Journal of Molecular Liquids</i> , 2016, 214, 249-258.	5.1	89
95	Synthesis of MWCNT-COOH-Cysteamine composite and its application for dye removal. <i>Journal of Molecular Liquids</i> , 2016, 215, 221-228.	5.1	103
96	Adsorption of ethidium bromide (EtBr) from aqueous solutions by natural pumice and aluminium-coated pumice. <i>Journal of Molecular Liquids</i> , 2016, 213, 41-47.	5.1	24
97	Modeling of quaternary dyes adsorption onto ZnOâ€“NRâ€“AC artificial neural network: Analysis by derivative spectrophotometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 186-197.	5.8	269
98	Simple and facile sonochemical synthesis of lead oxide nanoparticles loaded activated carbon and its application for methyl orange removal from aqueous phase. <i>Journal of Molecular Liquids</i> , 2016, 213, 48-57.	5.1	38
99	Mixed cloud point/solid phase extraction of lead(II) and cadmium(II) in water samples using modified-ZnO nanopowders. <i>Chemical Engineering Research and Design</i> , 2016, 99, 175-185.	6.3	34
100	Removal of humic acid from aqueous solution using UV/ZnO nano-photocatalysis and adsorption. <i>Journal of Molecular Liquids</i> , 2016, 213, 374-380.	5.1	129
101	Synthesis, structural and morphological characteristics of NiO nanoparticles Co-doped with boron and nitrogen. <i>Journal of Molecular Liquids</i> , 2016, 213, 326-331.	5.1	27
102	Application of least squares support vector regression and linear multiple regression for modeling removal of methyl orange onto tin oxide nanoparticles loaded on activated carbon and activated carbon prepared from <i>Pistacia atlantica</i> wood. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 425-434.	9.9	116
103	Microwave-assisted synthesis of tetraethylenepentamine functionalized activated carbon with high adsorption capacity for Malachite green dye. <i>Journal of Molecular Liquids</i> , 2016, 213, 317-325.	5.1	119
104	Removal of malachite green from aqueous solutions by cuprous iodideâ€“cupric oxide nano-composite loaded on activated carbon as a new sorbent for solid phase extraction: Isotherm, kinetics and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2016, 213, 360-368.	5.1	51
105	Equilibrium and kinetic study of ammonium ion adsorption by Fe ₃ O ₄ nanoparticles from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2016, 213, 345-350.	5.1	73
106	Synthesis of lactic acidâ€“Zr(IV) phosphate nanocomposite ion exchanger for green remediation. <i>Ionics</i> , 2016, 23, 699-706.	2.4	14
107	Kinetic and thermodynamic studies for alizarin removal from liquid phase using poly-2-hydroxyethyl methacrylate (PHEMA). <i>Journal of Molecular Liquids</i> , 2015, 207, 21-27.	5.1	44
108	Kinetics of the adsorption of Pb(II) ions from aqueous solutions by graphene oxide and thiol functionalized graphene oxide. <i>Journal of Molecular Liquids</i> , 2015, 209, 50-57.	5.1	134

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109	Bioadsorbents for remediation of heavy metals: Current status and their future prospects. <i>Environmental Engineering Research</i> , 2015, 20, 1-18.	2.7	750
110	Removal of noxious Cr (VI) ions using single-walled carbon nanotubes and multi-walled carbon nanotubes. <i>Chemical Engineering Journal</i> , 2015, 279, 344-352.	12.0	227
111	The use of low-cost adsorbent (Canola residues) for the adsorption of methylene blue from aqueous solution: Isotherm, kinetic and thermodynamic studies. <i>Colloids and Interface Science Communications</i> , 2015, 7, 16-19.	4.4	156
112	Microwave-assisted removal of malachite green by carboxylate functionalized multi-walled carbon nanotubes: Kinetics and equilibrium study. <i>Journal of Molecular Liquids</i> , 2015, 206, 151-158.	5.1	110
113	Experimental study of surfaces of hydrogel polymers HEMA, HEMA- <i>EEMA</i> -MA, and PVA as adsorbent for removal of azo dyes from liquid phase. <i>Journal of Molecular Liquids</i> , 2015, 206, 129-136.	5.1	88
114	Adsorptive removal of cadmium(II) ions from liquid phase using acid modified carbon-based adsorbents. <i>Journal of Molecular Liquids</i> , 2015, 204, 255-263.	5.1	242
115	Modeling of competitive ultrasonic assisted removal of the dyes Methylene blue and Safranin-O using Fe ₃ O ₄ nanoparticles. <i>Chemical Engineering Journal</i> , 2015, 268, 28-37.	12.0	622
116	Removal of basic dye Auramine-O by ZnS:Cu nanoparticles loaded on activated carbon: optimization of parameters using response surface methodology with central composite design. <i>RSC Advances</i> , 2015, 5, 18438-18450.	4.4	698
117	Synthesis, characterization and analytical application of cellulose acetate-tin (IV) molybdate nanocomposite ion exchanger: binary separation of heavy metal ions and antimicrobial activity. <i>Ionics</i> , 2015, 21, 2069-2078.	2.4	44
118	Adsorption of copper (II) using modified activated carbon prepared from Pomegranate wood: Optimization by bee algorithm and response surface methodology. <i>Journal of Molecular Liquids</i> , 2015, 206, 195-206.	5.1	114
119	Removal of noxious dye Acid Orange 7 from aqueous solution using natural pumice and Fe-coated pumice stone. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 124-131.	5.8	55
120	Kinetics and thermodynamics of enhanced adsorption of the dye AR 18 using activated carbons prepared from walnut and poplar woods. <i>Journal of Molecular Liquids</i> , 2015, 208, 99-105.	5.1	144
121	Thermodynamics of the adsorption of nickel ions from aqueous phase using graphene oxide and glycine functionalized graphene oxide. <i>Journal of Molecular Liquids</i> , 2015, 208, 106-113.	5.1	151
122	Efficient removal of radioactive uranium from solvent phase using AgOH-MWCNTs nanoparticles: Kinetic and thermodynamic study. <i>Chemical Engineering Journal</i> , 2015, 273, 296-306.	12.0	91
123	Enhanced removal of toxic Congo red dye using multi walled carbon nanotubes: Kinetic, equilibrium studies and its comparison with other adsorbents. <i>Journal of Molecular Liquids</i> , 2015, 212, 266-271.	5.1	149
124	Ultrasound assisted adsorption of malachite green dye onto ZnS:Cu-NP-AC: Equilibrium isotherms and kinetic studies Response surface optimization. <i>Separation and Purification Technology</i> , 2015, 156, 780-788.	8.8	125
125	A Critical Analysis on the Efficiency of Activated Carbons from Low-Cost Precursors for Heavy Metals Remediation. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 613-668.	13.3	118
126	Application of Response Surface Methodology and Dispersive Liquid-Liquid Microextraction by Microvolume Spectrophotometry Method for Rapid Determination of Curcumin in Water, Wastewater, and Food Samples. <i>Food Analytical Methods</i> , 2015, 9, 1274-1283.	2.5	42

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127	Potential of activated carbon from waste rubber tire for the adsorption of phenolics: Effect of pre-treatment conditions. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 420-430.	9.9	436
128	Removal of Ni (II) ions from water using scrap tire. <i>Journal of Molecular Liquids</i> , 2014, 190, 215-222.	5.1	131
129	Amputation of congo red dye from waste water using microwave induced grafted <i>Luffa cylindrica</i> cellulosic fiber. <i>Carbohydrate Polymers</i> , 2014, 111, 556-566.	12.2	77
130	Use of pectin-thorium (IV) tungstomolybdate nanocomposite for photocatalytic degradation of methylene blue. <i>Carbohydrate Polymers</i> , 2013, 96, 277-283.	12.2	101
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