

Vinod Kumar Gupta

List of Publications by Year in descending order

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406
papers

56,661
citations

944

115
h-index

1381

222
g-index

412
all docs

412
docs citations

412
times ranked

33500
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 6624-6637.	3.8	17
2	Fabrication of silica aerogel and carbon-silica composite for dynamic adsorption of benzene from dry and wet gas streams. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 8091-8109.	1.8	5
3	Facile synthesis of gold-silver/copper sulfide nanoparticles for the selective/sensitive detection of chromium, photochemical and bactericidal application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119324.	2.0	58
4	Novel voltammetric tumor necrosis factor-alpha (TNF- α) immunosensor based on gold nanoparticles involved in thiol-functionalized multi-walled carbon nanotubes and bimetallic Ni/Cu-MOFs. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2481-2492.	1.9	57
5	Electrochemical immunosensor development based on core-shell high-crystalline graphitic carbon nitride@carbon dots and Cd _{0.5} Zn _{0.5} S/d-Ti ₃ C ₂ T _x MXene composite for heart-type fatty acid-binding protein detection. <i>Mikrochimica Acta</i> , 2021, 188, 182.	2.5	85
6	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co ₃ O ₄ @MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 174-185.	5.0	307
7	A comparative study of CO catalytic oxidation on the single vacancy and di-vacancy graphene supported single-atom iridium catalysts: A DFT analysis. <i>Surfaces and Interfaces</i> , 2021, 25, 101293.	1.5	40
8	Carbohydrate antigen 19-9 electrochemical immunosensor based on 1D-MoS ₂ nanorods/LiNb ₃ O ₈ and polyoxometalate-incorporated gold nanoparticles. <i>Microchemical Journal</i> , 2021, 170, 106643.	2.3	34
9	A novel electrochemical aflatoxin B1 immunosensor based on gold nanoparticle-decorated porous graphene nanoribbon and Ag nanocube-incorporated MoS ₂ nanosheets. <i>New Journal of Chemistry</i> , 2021, 45, 11222-11233.	1.4	106
10	Sustainable electrode material for high-energy supercapacitor: biomass-derived graphene-like porous carbon with three-dimensional hierarchically ordered ion highways. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12807-12821.	1.3	98
11	An improved non-enzymatic electrochemical sensor amplified with CuO nanostructures for sensitive determination of uric acid. <i>Open Chemistry</i> , 2021, 19, 481-491.	1.0	26
12	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.	2.3	83
13	Studies on anticancerous and photocatalytic activity of carboxymethyl cellulose-cl-poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.35	15
14	Application of Dendrimer/Gold Nanoparticles in Cancer Therapy: A Review. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4231-4244.	1.9	10
15	Conductive polymers in water treatment: A review. <i>Journal of Molecular Liquids</i> , 2020, 312, 113447.	2.3	104
16	Synthesis of Co ₃ S ₄ -SnO ₂ /polyvinylpyrrolidone-cellulose heterojunction as highly performance catalyst for photocatalytic and antimicrobial properties under ultra-violet irradiation. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 220-228.	3.6	31
17	Green synthesis of recyclable MgFeCrO ₄ spinel nanoparticles for rapid photodegradation of direct black 122 dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 392, 112433.	2.0	100
18	Sequestration of toxic congo red dye from aqueous solution using ecofriendly guar gum/ activated carbon nanocomposite.. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1310-1318.	3.6	102

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19	Superiority of Modified Polymeric Membrane with Nanomaterial on Temperature and Mechanical Stability and Application in Industrial Waste Water. ECS Journal of Solid State Science and Technology, 2020, 9, 061019.	0.9	7
20	A Novel Molecularly Imprinting Biosensor Including Graphene Quantum Dots/Multi-Walled Carbon Nanotubes Composite for Interleukin-6 Detection and Electrochemical Biosensor Validation. ECS Journal of Solid State Science and Technology, 2020, 9, 121010.	0.9	87
21	High Surface Area Mesoporous Silica for Hydrogen Sulfide Effective Removal. Current Nanoscience, 2020, 16, 226-234.	0.7	16
22	Removal of toxic chemical ethidium monoazide bromide using graphene oxide: Thermodynamic and kinetics study. Journal of Molecular Liquids, 2019, 293, 111484.	2.3	13
23	Review on augmentation in photocatalytic activity of CoFe ₂ O ₄ via heterojunction formation for photocatalysis of organic pollutants in water. Journal of Saudi Chemical Society, 2019, 23, 1119-1136.	2.4	224
24	Heterostructures of mesoporous TiO ₂ and SnO ₂ nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. Journal of Colloid and Interface Science, 2019, 542, 45-53.	5.0	35
25	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. Journal of Molecular Liquids, 2019, 278, 672-676.	2.3	237
26	Adsorption and photocatalysis assisted optimization for drug removal by chitosan-glyoxal/Polyvinylpyrrolidone/MoS ₂ nanocomposites. International Journal of Biological Macromolecules, 2019, 136, 469-475.	3.6	77
27	Electrochemical detection of gliclazide and glibenclamide on ZnIn ₂ S ₄ nanoparticles-modified carbon ionic liquid electrode. Journal of Molecular Liquids, 2019, 289, 111141.	2.3	36
28	Investigation of photocatalytic process for iron disulfide-bismuth oxide nanocomposites by using response surface methodology: Structural and antibacterial properties. Journal of Molecular Liquids, 2019, 289, 110950.	2.3	33
29	Nanosized Fe ₃ O ₄ incorporated on a TiO ₂ surface for the enhanced photocatalytic degradation of organic pollutants. Journal of Molecular Liquids, 2019, 287, 110967.	2.3	56
30	Review on advances in photocatalytic water disinfection utilizing graphene and graphene derivatives-based nanocomposites. Journal of Environmental Chemical Engineering, 2019, 7, 103132.	3.3	103
31	Surface Modification of MWCNTs with Carboxylic-to-Amine and Their Superb Adsorption Performance. International Journal of Environmental Research, 2019, 13, 523-531.	1.1	41
32	Experimental design, modeling and mechanism of cationic dyes biosorption on to magnetic chitosan-lutaraldehyde composite. International Journal of Biological Macromolecules, 2019, 131, 633-645.	3.6	89
33	Investigating the equilibrium and adsorption kinetics for the removal of Ni (II) ions from aqueous solutions using adsorbents prepared from the modified waste newspapers: A low-cost and available adsorbent. Microchemical Journal, 2019, 146, 1043-1053.	2.3	29
34	Phenol adsorption on scoria stone as adsorbent - Application of response surface method and artificial neural networks. Journal of Molecular Liquids, 2019, 274, 699-714.	2.3	57
35	Algal biochar reinforced trimetallic nanocomposite as adsorption/photocatalyst for remediation of malachite green from aqueous medium. Journal of Molecular Liquids, 2019, 275, 499-509.	2.3	62
36	Efficient fluoride removal by preparation, characterization of pyrolysis bone: Mixed level design experiment and Taguchi L8 orthogonal array optimization. Journal of Molecular Liquids, 2019, 275, 251-264.	2.3	33

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37	Enhanced photocatalytic activity and stability of AgBr/BiOBr/graphene heterojunction for phenol degradation under visible light. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 586-599.	2.4	92
38	Ag ₃ PO ₄ modified phosphorus and sulphur co-doped graphitic carbon nitride as a direct Z-scheme photocatalyst for 2, 4-dimethyl phenol degradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 22-35.	2.0	153
39	A new epirubicin biosensor based on amplifying DNA interactions with polypyrrole and nitrogen-doped reduced graphene: Experimental and docking theoretical investigations. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 568-574.	4.0	246
40	High-performance removal of diazinon pesticide from water using multi-walled carbon nanotubes. <i>Microchemical Journal</i> , 2019, 145, 486-491.	2.3	136
41	Fabrication of Ag ₃ VO ₄ decorated phosphorus and sulphur co-doped graphitic carbon nitride as a high-dispersed photocatalyst for phenol mineralization and <i>E. coli</i> disinfection. <i>Separation and Purification Technology</i> , 2019, 212, 887-900.	3.9	119
42	New Emerging One Dimensional Nanostructure Materials for Gas Sensing Application: A Mini Review. <i>Current Analytical Chemistry</i> , 2019, 15, 131-135.	0.6	6
43	Preparation of Mg-doped TiO ₂ nanoparticles for photocatalytic degradation of some organic pollutants. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 7-18.	0.1	24
44	Removal of methylene blue by silver nanoparticles loaded on activated carbon by an ultrasound-assisted device: optimization by experimental design methodology. <i>Research on Chemical Intermediates</i> , 2018, 44, 2929-2950.	1.3	36
45	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.	2.3	22
46	Preparation and characterization of cross-linked chitosan/palladium nanocomposites for catalytic and antibacterial activity. <i>Journal of Molecular Liquids</i> , 2018, 257, 32-41.	2.3	84
47	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. <i>Journal of Molecular Liquids</i> , 2018, 254, 255-259.	2.3	40
48	MWCNTs-Fe ₃ O ₄ nanocomposite for Hg(II) high adsorption efficiency. <i>Journal of Molecular Liquids</i> , 2018, 258, 345-353.	2.3	136
49	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.	2.9	48
50	Electrochemical sensing of ractopamine by carbon nitride nanotubes/ionic liquid nanohybrid in presence of other β -agonists. <i>Journal of Molecular Liquids</i> , 2018, 254, 8-11.	2.3	53
51	Liquid-Liquid Separation Through Polymeric Membranes. , 2018, , 217-241.		1
52	Hydrogen adsorption properties of Ag decorated TiO ₂ nanomaterials. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2861-2868.	3.8	35
53	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.	1.9	89
54	Data for distribution of various species of fecal coliforms in urban, rural and private drinking water sources in ten years period – A case study: Kermanshah, Iran. <i>Data in Brief</i> , 2018, 18, 1544-1550.	0.5	9

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55	Synergetic enhancement of Cr(VI) removal from aqueous solutions using polyaniline@Ni(OH) ₂ nanocomposites adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2514-2527.	3.3	44
56	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems. <i>Chemical Engineering Journal</i> , 2018, 346, 258-270.	6.6	211
57	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.	4.0	133
58	Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic. <i>Journal of Molecular Liquids</i> , 2018, 260, 342-350.	2.3	119
59	Experimental design and optimization of castor oil transesterification process by response surface methodology. <i>Biofuels</i> , 2018, 9, 7-17.	1.4	5
60	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.	5.0	56
61	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.	2.9	63
62	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.	5.0	148
63	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.	5.0	56
64	Antioxidant activity and controlled drug delivery potential of tragacanth gum-cl- poly (lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T 2534-2543.	3.6	49
65	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.	2.9	19
66	Crystallinity and lowering band gap induced visible light photocatalytic activity of TiO ₂ /CS (Chitosan) nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1239-1245.	3.6	121
67	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.	2.3	38
68	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.	2.0	73
69	A highly selective and sensitive voltammetric sensor with molecularly imprinted polymer based silver@gold nanoparticles/ionic liquid modified glassy carbon electrode for determination of ceftizoxime. <i>Journal of Molecular Liquids</i> , 2018, 251, 212-217.	2.3	100
70	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe ₂ O ₄ nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. <i>Ionics</i> , 2018, 24, 1497-1503.	1.2	8
71	Enhanced Antibacterial effect of chitosan film using Montmorillonite/CuO nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1219-1231.	3.6	163
72	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.	2.3	27

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73	The dataset on rural women's awareness and attitudes about residential constructions in accordance with the health standards A case study of Gilan-e-Gharb, Iran. <i>Data in Brief</i> , 2018, 20, 715-722.	0.5	3
74	Electrocatalytic Determination of L-cysteine in the Presence of Tryptophan Using Carbon Paste Electrode Modified with MgO Nanoparticles and Acetylferrocene. <i>International Journal of Electrochemical Science</i> , 2018, 13, 4309-4318.	0.5	11
75	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.	3.6	42
76	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. <i>Sensors</i> , 2018, 18, 2817.	2.1	28
77	Highly Sensitive Electrochemical Sensor for Anticancer Drug by a Zirconia Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite. <i>ACS Omega</i> , 2018, 3, 14597-14605.	1.6	68
78	Kinetic and modeling data on phenol removal by Iron-modified Scoria Powder (FSP) from aqueous solutions. <i>Data in Brief</i> , 2018, 20, 957-968.	0.5	29
79	Novel nanohydrogel based on itaconic acid grafted tragacanth gum for controlled release of ampicillin. <i>Carbohydrate Polymers</i> , 2018, 196, 262-271.	5.1	57
80	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.	1.9	30
81	Data for interventional role of training in changing the knowledge and attitudes of urban mothers towards food hygiene (A case study of Ravansar Township, Kermanshah, Iran). <i>Data in Brief</i> , 2018, 19, 67-75.	0.5	4
82	A study of staff's awareness and attitudes towards the importance of household hazardous wastes (HHW) management (A Case Study of Kermanshah University of Medical Sciences, Kermanshah, Iran). <i>Data in Brief</i> , 2018, 19, 1490-1497.	0.5	7
83	Evaluation of indoor air quality and its symptoms in office building – A case study of Mashhad, Iran. <i>Data in Brief</i> , 2018, 20, 74-79.	0.5	11
84	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.	3.0	21
85	Adsorptive removal of Pb (II) ions from aqueous solution using CuO nanoparticles synthesized by sputtering method. <i>Journal of Molecular Liquids</i> , 2017, 225, 936-944.	2.3	93
86	Pt nanoparticles decorated WO ₃ -MWCNTs nanocomposites: Preparation, characterization, and adsorption behavior. <i>Journal of Molecular Liquids</i> , 2017, 229, 514-519.	2.3	27
87	Adsorption mechanism of functionalized multi-walled carbon nanotubes for advanced Cu (II) removal. <i>Journal of Molecular Liquids</i> , 2017, 230, 667-673.	2.3	100
88	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.	2.3	61
89	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.	2.3	13
90	The role of nanomaterials as effective adsorbents and their applications in wastewater treatment. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 1-14.	5.3	444

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91	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.	2.3	102
92	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.	2.3	61
93	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.	5.0	110
94	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.	2.3	26
95	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.	3.6	41
96	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.	3.6	48
97	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.	2.3	112
98	Electrochemical Detection of Atrazine by Platinum Nanoparticles/Carbon Nitride Nanotubes with Molecularly Imprinted Polymer. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7631-7639.	1.8	109
99	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.	2.3	55
100	Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 164-170.	5.0	66
101	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.	1.7	168
102	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.	2.3	23
103	Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.6	79
104	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.	2.3	45
105	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.	2.0	7
106	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.	3.8	25
107	Visible light degradation of textile effluent by electrodeposited multiphase CuInSe ₂ semiconductor photocatalysts. <i>Journal of Molecular Liquids</i> , 2017, 227, 194-201.	2.3	27
108	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.	2.3	25

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109	Palladium nanoparticles functionalized graphene quantum dots with molecularly imprinted polymer for electrochemical analysis of citrinin. <i>Journal of Molecular Liquids</i> , 2017, 243, 677-681.	2.3	72
110	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.	1.7	38
111	Synthesis and characterization of FeO/TiO ₂ nano-composites for ultrasound assisted enhanced catalytic degradation of reactive black 5 in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 403-414.	5.0	37
112	Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shell—Optimization, kinetics and equilibrium studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 464-471.	2.9	73
113	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1090-1098.	4.0	17
114	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.	2.3	19
115	Synthesis of lactic acid—Zr(IV) phosphate nanocomposite ion exchanger for green remediation. <i>Ionics</i> , 2017, 23, 699-706.	1.2	9
116	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.	3.8	43
117	An easily accessible optical chemosensor for Cu ²⁺ based on novel imidazoazine framework, its performance characteristics and potential applications. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 365-375.	4.0	40
118	Dehalogenation of aromatic halides by polyaniline/zero-valent iron composite nanofiber: Kinetics and mechanisms. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 207-216.	10.8	40
119	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.	5.0	39
120	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.	5.0	20
121	Adsorptive remediation of Cu(II) and Ni(II) by microwave assisted H ₃ PO ₄ activated carbon. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2836-S2844.	2.3	25
122	Fabrication of highly sensitive nitrite electrochemical sensor in foodstuff using nanostructure sensor. <i>International Journal of Electrochemical Science</i> , 2017, , 3931-3940.	0.5	11
123	Electrochemical Determination of Adrenaline Using Voltammetric Sensor Employing NiO/CNTs Based Carbon Paste Electrode. <i>International Journal of Electrochemical Science</i> , 2017, 12, 248-257.	0.5	29
124	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.	5.0	59
125	Modified Nanoporous Asymmetric Polyacrylonitrile Membranes with Merpol as a Hydrophilic Surfactant: Insulin Separation. <i>Asian Journal of Chemistry</i> , 2016, 28, 1757-1762.	0.1	1
126	A Fast Strategy for Determination of Vitamin B ₉ in Food and Pharmaceutical Samples Using an Ionic Liquid-Modified Nanostructure Voltammetric Sensor. <i>Sensors</i> , 2016, 16, 747.	2.1	18

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127	Optimization of Conditions for Preparation of Activated Carbon from Coconut Husk Fiber Using Responses from Measurements of Surface Area and Adsorption. Asian Journal of Chemistry, 2016, 28, 714-724.	0.1	1
128	Pre-concentration of trace amount of bisphenol A in water samples by palm leaf ash and determination with high-performance liquid chromatography. Biomedical Chromatography, 2016, 30, 1256-1262.	0.8	11
129	Preparation of Activated Carbon from Waste Tire Rubber for the Active Removal of Cr(VI) and Mn(II) Ions from Aqueous Solution. Transactions of the Indian Ceramic Society, 2016, 75, 234-241.	0.4	20
130	Degradation of azinphos-methyl and chlorpyrifos from aqueous solutions by ultrasound treatment. Journal of Molecular Liquids, 2016, 221, 1237-1242.	2.3	51
131	Reduced graphene oxide based a novel polymer inclusion membrane: Transport studies of Cr(VI). Journal of Molecular Liquids, 2016, 219, 1124-1130.	2.3	45
132	Rapid adsorption of ternary dye pollutants onto copper (I) oxide nanoparticle loaded on activated carbon: Experimental optimization via response surface methodology. Journal of Environmental Chemical Engineering, 2016, 4, 1769-1779.	3.3	82
133	Fabrication of chitosan-g-poly(acrylamide)/CuS nanocomposite for controlled drug delivery and antibacterial activity. Materials Science and Engineering C, 2016, 64, 428-435.	3.8	62
134	Sensitive voltammetric sensor based on polyoxometalate/reduced graphene oxide nanomaterial: Application to the simultaneous determination of l-tyrosine and l-tryptophan. Sensors and Actuators B: Chemical, 2016, 233, 47-54.	4.0	168
135	Fabrication and characterization of Fe@MoPO nanoparticles: Ion exchange behavior and photocatalytic activity against malachite green. Journal of Molecular Liquids, 2016, 219, 1137-1143.	2.3	90
136	Kinetics and thermodynamics of Malachite Green dye removal from aqueous phase using iron nanoparticles loaded on ash. Journal of Molecular Liquids, 2016, 223, 1340-1347.	2.3	57
137	Intermediate state created by dopant ions (Mn, Co and Zr) into TiO ₂ nanoparticles for degradation of dyes under visible light. Journal of Molecular Liquids, 2016, 223, 652-659.	2.3	67
138	Novel Furochromenone based Dual Channel Sensors for Selective Detection of Cu ²⁺ with Potential Applications in Sample Monitoring, Membrane Sensing and Photo-printing. ChemistrySelect, 2016, 1, 277-284.	0.7	11
139	Microwave-assisted hydrothermal synthesis and adsorption properties of carbon nanofibers for methamphetamine removal from aqueous solution using a response surface methodology. Journal of Industrial and Engineering Chemistry, 2016, 41, 158-164.	2.9	27
140	3D Polyoxometalate-Functionalized Graphene Quantum Dots with Mono-Metallic and Bi-Metallic Nanoparticles for Application in Direct Methanol Fuel Cells. Journal of the Electrochemical Society, 2016, 163, F1237-F1244.	1.3	76
141	A Molecular Imprinted Voltammetric Sensor Based on Carbon Nitride Nanotubes: Application to Determination of Melamine. Journal of the Electrochemical Society, 2016, 163, B588-B593.	1.3	65
142	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu ²⁺ and Al ³⁺ . Analytical Methods, 2016, 8, 7369-7379.	1.3	6
143	Highly sensitive nanostructure voltammetric sensor employing Pt/CNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate for determination of tryptophan in food and pharmaceutical samples. Journal of Molecular Liquids, 2016, 223, 431-435.	2.3	22
144	Fabrication of novel electrochemical sensor for determination of vitamin C in the presence of vitamin B9 in food and pharmaceutical samples. Journal of Molecular Liquids, 2016, 221, 666-672.	2.3	27

#	ARTICLE	IF	CITATIONS
145	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.	2.3	69
146	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.	2.3	26
147	Ce ³⁺ -ion-induced visible-light photocatalytic degradation and electrochemical activity of ZnO/CeO ₂ nanocomposite. <i>Scientific Reports</i> , 2016, 6, 31641.	1.6	506
148	Removal of hexavalent chromium ions using CuO nanoparticles for water purification applications. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 54-62.	5.0	135
149	Fabrication of novel shape Cu and Cu/Cu ₂ O nanoparticles modified electrode for the determination of dopamine and paracetamol. <i>Journal of Molecular Liquids</i> , 2016, 221, 930-941.	2.3	332
150	Conducting PANI stimulated ZnO system for visible light photocatalytic degradation of coloured dyes. <i>Journal of Molecular Liquids</i> , 2016, 221, 1029-1033.	2.3	608
151	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.	2.3	7
152	Cellulose: A review as natural, modified and activated carbon adsorbent. <i>Bioresource Technology</i> , 2016, 216, 1066-1076.	4.8	538
153	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.	5.0	80
154	Investigating the residual aluminum elimination from conventional and enhanced coagulation by phosphate compounds in wastewater treatment process. <i>Journal of Molecular Liquids</i> , 2016, 221, 673-684.	2.3	23
155	Adsorption of phenol on aluminum oxide impregnated fly ash. <i>Desalination and Water Treatment</i> , 2016, 57, 6801-6808.	1.0	35
156	Removal of Pb(II) ion from aqueous solution by graphene oxide and functionalized graphene oxide-thiol: effect of cysteamine concentration on the bonding constant. <i>Desalination and Water Treatment</i> , 2016, 57, 11195-11210.	1.0	47
157	A random forest approach for predicting the removal of Congo red from aqueous solutions by adsorption onto tin sulfide nanoparticles loaded on activated carbon. <i>Desalination and Water Treatment</i> , 2016, 57, 9272-9285.	1.0	35
158	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.	2.3	14
159	Decontamination of 2-chloro ethyl ethyl sulphide and dimethyl methyl phosphonate from aqueous solutions using manganese oxide nanostructures. <i>Journal of Molecular Liquids</i> , 2016, 215, 285-292.	2.3	18
160	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.	2.3	55
161	New molecular imprinted voltammetric sensor for determination of ochratoxin A. <i>Materials Science and Engineering C</i> , 2016, 61, 368-375.	3.8	95
162	Reduction of noxious Cr(VI) ion to Cr(III) ion in aqueous solutions using H ₂ O ₂ and UV/H ₂ O ₂ systems. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 33, 197-200.	2.9	47

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163	Adsorption of malachite green from aqueous solution by carboxylate group functionalized multi-walled carbon nanotubes: Determination of equilibrium and kinetics parameters. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 130-138.	2.9	125
164	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.	1.0	11
165	Electrochemical determination of vitamin C in the presence of NADH using a CdO nanoparticle/ionic liquid modified carbon paste electrode as a sensor. <i>Journal of Molecular Liquids</i> , 2016, 213, 312-316.	2.3	83
166	Photodegradation of Erythromycin antibiotic by γ -Fe ₂ O ₃ /SiO ₂ nanocomposite: Response surface methodology modeling and optimization. <i>Journal of Molecular Liquids</i> , 2016, 214, 378-383.	2.3	71
167	Sensitive determination of citrinin based on molecular imprinted electrochemical sensor. <i>Applied Surface Science</i> , 2016, 362, 315-322.	3.1	133
168	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.	2.9	40
169	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.	2.3	89
170	Novel synthesized antipyrine derivative based "Naked eye" colorimetric chemosensors for Al ³⁺ and Cr ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 847-859.	4.0	76
171	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.	2.3	55
172	Sensitive analysis of simazine based on platinum nanoparticles on polyoxometalate/multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 14-21.	5.0	125
173	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.	2.3	70
174	Highly sensitive and efficient voltammetric determination of ascorbic acid in food and pharmaceutical samples from aqueous solutions based on nanostructure carbon paste electrode as a sensor. <i>Journal of Molecular Liquids</i> , 2016, 216, 387-391.	2.3	45
175	Adsorptive removal of fluoride from aqueous solution using single- and multi-walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2016, 216, 401-410.	2.3	95
176	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.	2.3	65
177	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.	1.0	18
178	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.	1.0	10
179	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.	2.3	65
180	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.	2.7	56

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181	Efficient removal of toxic bromothymol blue and methylene blue from wastewater by polyvinyl alcohol. <i>Journal of Molecular Liquids</i> , 2016, 218, 191-197.	2.3	141
182	Kinetics, equilibrium studies and thermodynamics of methylene blue adsorption on Ephedra strobilacea saw dust and modified using phosphoric acid and zinc chloride. <i>Journal of Molecular Liquids</i> , 2016, 218, 208-218.	2.3	112
183	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.	2.3	12
184	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.	5.0	166
185	Synthesis and characteristics of polyaniline/zirconium oxide conductive nanocomposite for dye adsorption application. <i>Journal of Molecular Liquids</i> , 2016, 218, 494-498.	2.3	94
186	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.	5.0	70
187	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.	2.3	34
188	Curcumin-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.	2.3	27
189	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.	2.3	57
190	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.	2.3	122
191	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.	2.3	74
192	Synthesis of MWCNT-COOH-Cysteamine composite and its application for dye removal. <i>Journal of Molecular Liquids</i> , 2016, 215, 221-228.	2.3	74
193	Synthesis and characterization of magnetron sputtered ZrO ₂ nanoparticles: Decontamination of 2-chloro ethyl ethyl sulphide and dimethyl methyl phosphonate. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 219-229.	3.3	25
194	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.	2.3	17
195	Modeling of quaternary dyes adsorption onto ZnO-AC artificial neural network: Analysis by derivative spectrophotometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 186-197.	2.9	240
196	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.	2.3	28
197	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.	2.7	32
198	Liquid phase determination of adrenaline uses a voltammetric sensor employing CuFe ₂ O ₄ nanoparticles and room temperature ionic liquids. <i>Journal of Molecular Liquids</i> , 2016, 213, 369-373.	2.3	90

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199	Removal of humic acid from aqueous solution using UV/ZnO nano-photocatalysis and adsorption. <i>Journal of Molecular Liquids</i> , 2016, 213, 374-380.	2.3	109
200	A new multifunctional rhodamine-derived probe for colorimetric sensing of Cu(II) and Al(III) and fluorometric sensing of Fe(III) in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 101-113.	4.0	200
201	Synthesis, structural and morphological characteristics of NiO nanoparticles Co-doped with boron and nitrogen. <i>Journal of Molecular Liquids</i> , 2016, 213, 326-331.	2.3	16
202	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.	5.0	99
203	Removal of linear alkyl benzene sulfonate from aqueous solutions by functionalized multi-walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2016, 213, 339-344.	2.3	25
204	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.	2.3	93
205	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> , 2016, 9, 1274-1283.	1.3	41
206	Removal of hazardous dyes-BR 12 and methyl orange using graphene oxide as an adsorbent from aqueous phase. <i>Chemical Engineering Journal</i> , 2016, 284, 687-697.	6.6	519
207	Removal of malachite green from aqueous solutions by cuprous iodide-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.	2.3	49
208	Removal of Bisphenol A from aqueous solutions using ultrasonic waves and hydrogen peroxide. <i>Journal of Molecular Liquids</i> , 2016, 213, 332-338.	2.3	51
209	Sorption of phenol from waters on activated carbon impregnated with iron oxide, aluminum oxide and titanium oxide. <i>Journal of Molecular Liquids</i> , 2016, 213, 351-359.	2.3	89
210	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.	2.3	53
211	An easily accessible switch-on optical chemosensor for the detection of noxious metal ions Ni(II), Zn(II), Fe(III) and UO ₂ (II). <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 468-482.	4.0	80
212	A Review: Molecularly Imprinted Electrochemical Sensors for Determination of Biomolecules/Drug. <i>Current Analytical Chemistry</i> , 2016, 13, 13-17.	0.6	48
213	2-(Alkylamino)-6,7-dihydrobenzofuran-5(2H)-ones: Improved Synthesis and their Photophysical Properties. <i>ChemistryOpen</i> , 2015, 4, 626-632.	0.9	24
214	New "off" optical probe based on Schiff base responding to Al ³⁺ ions: Logic gate application. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 218-231.	4.0	32
215	Rhodamine-derived highly sensitive and selective colorimetric and "on" optical chemosensors for Cr ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 420-432.	4.0	72
216	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.	2.3	38

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217	Selective QCM sensor based on atrazine imprinted polymer: Its application to wastewater sample. <i>Sensors and Actuators B: Chemical</i> , 2015, 218, 215-221.	4.0	78
218	A reversible fluorescence "off-on" sensor for sequential detection of aluminum and acetate/fluoride ions. <i>Talanta</i> , 2015, 144, 80-89.	2.9	344
219	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.	2.3	109
220	Bioadsorbents for remediation of heavy metals: Current status and their future prospects. <i>Environmental Engineering Research</i> , 2015, 20, 1-18.	1.5	668
221	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.	6.6	198
222	A comparative study on the basis of adsorption capacity between CNTs and activated carbon as adsorbents for removal of noxious synthetic dyes: a review. <i>Journal of Nanostructure in Chemistry</i> , 2015, 5, 227-236.	5.3	177
223	Rational design of the first furoquinolinol based molecular systems for easy detection of Cu ²⁺ with potential applications in the area of membrane sensing. <i>RSC Advances</i> , 2015, 5, 106030-106037.	1.7	13
224	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.	2.0	128
225	Synthesis, characterization and adsorptive application of ferrocene based mesoporous material for hazardous dye Congo red. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 234-242.	2.9	26
226	A sensitive molecular imprinted electrochemical sensor based on gold nanoparticles decorated graphene oxide: Application to selective determination of tyrosine in milk. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 149-157.	4.0	242
227	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.	2.3	93
228	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.	2.3	79
229	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.	2.3	202
230	A novel colorimetric detection probe for copper(II) ions based on a Schiff base. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 408-417.	4.0	112
231	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.	6.6	570
232	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.	1.7	650
233	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.	1.2	42
234	Enhanced adsorption of phenols from liquids by aluminum oxide/carbon nanotubes: Comprehensive study from synthesis to surface properties. <i>Journal of Molecular Liquids</i> , 2015, 206, 176-182.	2.3	78

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235	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.	2.3	103
236	A cellulose acetate based nanocomposite for photocatalytic degradation of methylene blue dye under solar light. <i>Ionics</i> , 2015, 21, 1787-1793.	1.2	71
237	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 389-394.	4.0	109
238	Magnetic iron oxide and iron oxide@gold nanoparticle anchored nitrogen and sulfur-functionalized reduced graphene oxide electrocatalyst for methanol oxidation. <i>RSC Advances</i> , 2015, 5, 26402-26409.	1.7	157
239	Ultrahigh capacity anode material for lithium ion battery based on rod gold nanoparticles decorated reduced graphene oxide. <i>Thin Solid Films</i> , 2015, 590, 156-162.	0.8	81
240	Sensitive and selective determination of aqueous triclosan based on gold nanoparticles on polyoxometalate/reduced graphene oxide nanohybrid. <i>RSC Advances</i> , 2015, 5, 65953-65962.	1.7	169
241	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.	2.9	47
242	Highly Sensitive and Selective Colorimetric and Off-On Fluorescent Reversible Chemosensors for Al ³⁺ Based on the Rhodamine Fluorophore. <i>Sensors</i> , 2015, 15, 9097-9111.	2.1	65
243	ZnO/CdO nanocomposites for textile effluent degradation and electrochemical detection. <i>Journal of Molecular Liquids</i> , 2015, 209, 374-380.	2.3	163
244	ZnO/Ag/CdO nanocomposite for visible light-induced photocatalytic degradation of industrial textile effluents. <i>Journal of Colloid and Interface Science</i> , 2015, 452, 126-133.	5.0	579
245	CoFe ₂ O ₄ @TiO ₂ decorated reduced graphene oxide nanocomposite for photocatalytic degradation of chlorpyrifos. <i>Journal of Molecular Liquids</i> , 2015, 208, 122-129.	2.3	166
246	Synthesis of magnetron sputtered WO ₃ nanoparticles-degradation of 2-chloroethyl ethyl sulfide and dimethyl methyl phosphonate. <i>Journal of Colloid and Interface Science</i> , 2015, 453, 60-68.	5.0	25
247	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.	2.3	120
248	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.	2.3	138
249	A molecular imprinted SPR biosensor for sensitive determination of citrinin in red yeast rice. <i>Food Chemistry</i> , 2015, 184, 7-11.	4.2	87
250	A sensitive molecularly imprinted polymer based quartz crystal microbalance nanosensor for selective determination of lovastatin in red yeast rice. <i>Food Chemistry</i> , 2015, 185, 430-436.	4.2	208
251	Preparation of Iodide Selective Carbon Paste Electrode with Modified Carbon Nanotubes by Potentiometric Method and Effect of CuS@NPs on Its Response. <i>Electroanalysis</i> , 2015, 27, 1516-1522.	1.5	46
252	Green synthesis of silver nanoparticles using seed extract of <i>Calendula officinalis</i> in liquid phase. <i>Journal of Molecular Liquids</i> , 2015, 207, 159-163.	2.3	91

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253	A sensitive molecular imprinted surface plasmon resonance nanosensor for selective determination of trace triclosan in wastewater. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 638-644.	4.0	89
254	A simple Schiff base based novel optical probe for aluminium (III) ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 86-104.	4.0	77
255	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.	6.6	77
256	ZnO/Ag/Mn ₂ O ₃ nanocomposite for visible light-induced industrial textile effluent degradation, uric acid and ascorbic acid sensing and antimicrobial activity. <i>RSC Advances</i> , 2015, 5, 34645-34651.	1.7	426
257	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.	2.3	123
258	Fabrication of Zn@cellulose nanocomposite for drug delivery, antibacterial and photocatalytic activity. <i>Materials and Design</i> , 2015, 87, 1056-1064.	3.3	64
259	Ferric oxide nanoparticles decorated carbon nanotubes and carbon nanofibers: From synthesis to enhanced removal of phenol. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 511-520.	2.4	70
260	Removal of Safranin dye from aqueous solution using magnetic mesoporous clay: Optimization study. <i>Journal of Molecular Liquids</i> , 2015, 212, 675-685.	2.3	98
261	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.	3.9	108
262	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.	6.6	91
263	A highly selective colorimetric and turn-on fluorescent chemosensor based on 1-(2-pyridylazo)-2-naphthol for the detection of aluminium(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 15-24.	4.0	112
264	Modification of surface behaviour of Eichhornia crassipes using surface active agent: An adsorption study. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 189-197.	2.9	22
265	Nanocomposite pectin Zr(IV) selenotungstophosphate for adsorptional/photocatalytic remediation of methylene blue and malachite green dyes from aqueous system. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 957-964.	2.9	73
266	Liquid phase determination of isuprel in pharmaceutical and biological samples using a nanostructure modified carbon paste electrode. <i>Journal of Molecular Liquids</i> , 2015, 201, 108-112.	2.3	10
267	Lithium dodecyl sulphate assisted synthesis of Ag nanoparticles and its exploitation as a catalyst for the removal of toxic dyes. <i>Journal of Molecular Liquids</i> , 2015, 201, 113-123.	2.3	28
268	Enhanced removal of methyl orange from aqueous solutions by poly HEMA@chitosan-MWCNT nano-composite. <i>Journal of Molecular Liquids</i> , 2015, 202, 189-198.	2.3	180
269	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 216-223.	4.0	325
270	Synthesis of sputter deposited CuO nanoparticles and their use for decontamination of 2-chloroethyl ethyl sulfide (CEES). <i>Journal of Colloid and Interface Science</i> , 2015, 438, 102-109.	5.0	45

#	ARTICLE	IF	CITATIONS
271	Kinetic, thermodynamic and isotherm studies for acid blue 129 removal from liquids using copper oxide nanoparticle-modified activated carbon as a novel adsorbent. <i>Journal of Molecular Liquids</i> , 2015, 201, 124-133.	2.3	338
272	Coulometric differential FFT admittance voltammetry determination of Amlodipine in pharmaceutical formulation by nano-composite electrode. <i>Talanta</i> , 2015, 131, 577-584.	2.9	39
273	Synthesis and adsorption properties of mesoporous material for the removal of dye safranin: Kinetics, equilibrium, and thermodynamics. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 19-27.	2.9	120
274	Nanoparticles as Adsorbent; A Positive Approach for Removal of Noxious Metal Ions: A Review. <i>Science Technology and Development</i> , 2015, 34, 195-214.	0.3	127
275	Microwave induced synthesis of graft copolymer of binary vinyl monomer mixtures onto delignified <i>Grewia optiva</i> fiber: application in dye removal. <i>Frontiers in Chemistry</i> , 2014, 2, 59.	1.8	15
276	A novel magnetic Fe@Au core-shell nanoparticles anchored graphene oxide recyclable nanocatalyst for the reduction of nitrophenol compounds. <i>Water Research</i> , 2014, 48, 210-217.	5.3	565
277	Square wave voltammetric determination of diclofenac in liquid phase using a novel ionic liquid multiwall carbon nanotubes paste electrode. <i>Journal of Molecular Liquids</i> , 2014, 197, 114-119.	2.3	59
278	A novel and sensitive electrochemical DNA biosensor based on Fe@Au nanoparticles decorated graphene oxide. <i>Electrochimica Acta</i> , 2014, 125, 38-47.	2.6	218
279	Biological active novel 2,4-dinitro phenyl hydrazones as the colorimetric sensors for selective detection of acetate ion. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 264-273.	4.0	31
280	Electrochemical studies on graphene oxide-supported metallic and bimetallic nanoparticles for fuel cell applications. <i>Journal of Molecular Liquids</i> , 2014, 191, 172-176.	2.3	69
281	A new Methimazole sensor based on nanocomposite of CdS NPs-RGO/IL carbon paste electrode using differential FFT continuous linear sweep voltammetry. <i>Talanta</i> , 2014, 127, 94-99.	2.9	26
282	A novel voltammetric sensor based on gold nanoparticles involved in p-aminothiophenol functionalized multi-walled carbon nanotubes: Application to the simultaneous determination of quercetin and rutin. <i>Electrochimica Acta</i> , 2014, 119, 24-31.	2.6	243
283	A novel electro analytical nanosensor based on graphene oxide/silver nanoparticles for simultaneous determination of quercetin and morin. <i>Electrochimica Acta</i> , 2014, 120, 204-211.	2.6	388
284	Synthesis, characterization and antibacterial activity of biodegradable starch/PVA composite films reinforced with cellulosic fibre. <i>Carbohydrate Polymers</i> , 2014, 109, 171-179.	5.1	305
285	Electrochemical determination of perchlorate ion by polymeric membrane and coated graphite electrodes based on zinc complexes of macrocyclic ligands. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 201-209.	4.0	22
286	Carbonaceous adsorbent prepared from waste tires: Experimental and computational evaluations of organic dye methyl orange. <i>Journal of Molecular Liquids</i> , 2014, 191, 85-91.	2.3	108
287	A novel efficient photocatalyst based on TiO ₂ nanoparticles involved boron enrichment waste for photocatalytic degradation of atrazine. <i>Chemical Engineering Journal</i> , 2014, 250, 288-294.	6.6	139
288	Thiazole Schiff base turn-on fluorescent chemosensor for Al ³⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 98-108.	4.0	424

#	ARTICLE	IF	CITATIONS
289	Visible light degradation of textile effluent using novel catalyst ZnO/ γ -Mn ₂ O ₃ . Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1910-1917.	2.7	333
290	Liquid phase synthesis of pectin-cadmium sulfide nanocomposite and its photocatalytic and antibacterial activity. Journal of Molecular Liquids, 2014, 196, 107-112.	2.3	69
291	Molecular imprinted nanosensor based on surface plasmon resonance: Application to the sensitive determination of amoxicillin. Sensors and Actuators B: Chemical, 2014, 195, 28-35.	4.0	102
292	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. Electrochimica Acta, 2014, 123, 456-462.	2.6	82
293	Potential of activated carbon from waste rubber tire for the adsorption of phenolics: Effect of pre-treatment conditions. Journal of Colloid and Interface Science, 2014, 417, 420-430.	5.0	409
294	Catalytic activity of Fe@Ag nanoparticle involved calcium alginate beads for the reduction of nitrophenols. Journal of Molecular Liquids, 2014, 190, 133-138.	2.3	99
295	Synthesis, characterization and antibacterial activity of cellulose acetate-tin (IV) phosphate nanocomposite. Carbohydrate Polymers, 2014, 103, 221-227.	5.1	60
296	Adsorptive and photocatalytic removal of reactive dyes by silver nanoparticle-colemanite ore waste. Chemical Engineering Journal, 2014, 242, 333-340.	6.6	131
297	Comparative Adsorption Behavior of Ibuprofen and Clofibrac Acid onto Microwave Assisted Activated Bamboo Waste. Industrial & Engineering Chemistry Research, 2014, 53, 9331-9339.	1.8	73
298	Preparation and characterization of V ₂ O ₅ /ZnO nanocomposite system for photocatalytic application. Journal of Molecular Liquids, 2014, 198, 409-412.	2.3	363
299	Colorimetric sensor for cyanide and acetate ion using novel biologically active hydrazones. Sensors and Actuators B: Chemical, 2014, 204, 125-135.	4.0	73
300	A voltammetric biosensor based on ionic liquid/NiO nanoparticle modified carbon paste electrode for the determination of nicotinamide adenine dinucleotide (NADH). Sensors and Actuators B: Chemical, 2014, 204, 647-654.	4.0	92
301	Determination of methyl parathion in liquid phase by nano-composite carbon paste surface biosensor and differential FFT continuous linear sweep voltammetry. Journal of Molecular Liquids, 2014, 198, 239-245.	2.3	4
302	Removal of Ni (II) ions from water using scrap tire. Journal of Molecular Liquids, 2014, 190, 215-222.	2.3	121
303	In silico investigation of medicinal spectrum of imidazo-azines from the perspective of multitarget screening against malaria, tuberculosis and Chagas disease. Journal of Molecular Graphics and Modelling, 2014, 50, 1-9.	1.3	9
304	Molecularly imprinted electrochemical biosensor based on Fe@Au nanoparticles involved in 2-aminoethanethiol functionalized multi-walled carbon nanotubes for sensitive determination of cefexime in human plasma. Biosensors and Bioelectronics, 2014, 60, 277-285.	5.3	181
305	Polyaniline zirconium (IV) silicophosphate nanocomposite for remediation of methylene blue dye from waste water. Journal of Molecular Liquids, 2014, 190, 139-145.	2.3	101
306	Processing methods, characteristics and adsorption behavior of tire derived carbons: A review. Advances in Colloid and Interface Science, 2014, 211, 93-101.	7.0	624

#	ARTICLE	IF	CITATIONS
307	A turn-on fluorescent chemosensor for Zn ²⁺ ions based on antipyrine schiff base. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 507-514.	4.0	88
308	A novel biosensor for liquid phase determination of glutathione and amoxicillin in biological and pharmaceutical samples using a ZnO/CNTs nanocomposite/catechol derivative modified electrode. <i>Journal of Molecular Liquids</i> , 2014, 196, 258-263.	2.3	98
309	Tailoring the electrical and dielectric properties of ZnO nanorods by substitution. <i>Journal of Molecular Liquids</i> , 2014, 193, 160-165.	2.3	76
310	Determination of amikacin in human plasma by molecular imprinted SPR nanosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 70-76.	4.0	74
311	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.	5.1	64
312	Cadmium (II) ion sensing through p-tert-butyl calix[6]arene based potentiometric sensor. <i>Journal of Molecular Liquids</i> , 2014, 195, 65-68.	2.3	251
313	Adsorptional removal of methylene blue by guar gum cerium (IV) tungstate hybrid cationic exchanger. <i>Carbohydrate Polymers</i> , 2014, 101, 684-691.	5.1	64
314	Antipyrine based Schiff bases as Turn-on Fluorescent sensors for Al (III) ion. <i>Electrochimica Acta</i> , 2014, 117, 405-412.	2.6	95
315	Fluorescent chemosensors for Zn ²⁺ ions based on flavonol derivatives. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 674-682.	4.0	75
316	A novel electrochemical sensor based on ZnO nanoparticle and ionic liquid binder for square wave voltammetric determination of doxidopa in pharmaceutical and urine samples. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 603-609.	4.0	43
317	Visible light induced degradation of methylene blue using CeO ₂ /V ₂ O ₅ and CeO ₂ /CuO catalysts. <i>Materials Science and Engineering C</i> , 2013, 33, 4725-4731.	3.8	465
318	Comparative study on photocatalytic activity of ZnO prepared by different methods. <i>Journal of Molecular Liquids</i> , 2013, 181, 133-141.	2.3	348
319	A novel impedimetric biosensor based on graphene oxide/gold nanoplatfrom for detection of DNA arrays. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1201-1211.	4.0	120
320	Spectroscopic and computational evaluation of cadmium adsorption using activated carbon produced from rubber tires. <i>Journal of Molecular Liquids</i> , 2013, 188, 136-142.	2.3	59
321	Heavy metal resistances and biosorptive behaviors of <i>Paenibacillus polymyxa</i> : Batch and column studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 863-869.	2.9	27
322	A novel glucose biosensor platform based on Ag@AuNPs modified graphene oxide nanocomposite and SERS application. <i>Journal of Colloid and Interface Science</i> , 2013, 406, 231-237.	5.0	120
323	Use of pectin thorium (IV) tungstomolybdate nanocomposite for photocatalytic degradation of methylene blue. <i>Carbohydrate Polymers</i> , 2013, 96, 277-283.	5.1	95
324	A novel gadolinium ion-selective membrane electrode based on 2-(4-phenyl-1, 3-thiazol-2-yliminomethyl) phenol. <i>Electrochimica Acta</i> , 2013, 95, 132-138.	2.6	45

#	ARTICLE	IF	CITATIONS
325	A novel sensitive Cu(II) and Cd(II) nanosensor platform: Graphene oxide terminated p-aminophenyl modified glassy carbon surface. <i>Electrochimica Acta</i> , 2013, 112, 541-548.	2.6	112
326	Electrochemically modified sulfisoxazole nanofilm on glassy carbon for determination of cadmium(II) in water samples. <i>Electrochimica Acta</i> , 2013, 105, 149-156.	2.6	66
327	ZnO/Ag nanocomposite: An efficient catalyst for degradation studies of textile effluents under visible light. <i>Materials Science and Engineering C</i> , 2013, 33, 2235-2244.	3.8	525
328	Mercury selective potentiometric sensor based on low rim functionalized thiacalix [4]-arene as a cationic receptor. <i>Journal of Molecular Liquids</i> , 2013, 177, 114-118.	2.3	359
329	Batch and column studies of phosphate and nitrate adsorption on waste solids containing boron impurity. <i>Chemical Engineering Journal</i> , 2013, 222, 108-119.	6.6	133
330	Acrylic acid grafted cellulosic Luffa cylindrical fiber for the removal of dye and metal ions. <i>Carbohydrate Polymers</i> , 2013, 98, 1214-1221.	5.1	113
331	The photocatalytic activity of ZnO prepared by simple thermal decomposition method at various temperatures. <i>Journal of Molecular Liquids</i> , 2013, 177, 394-401.	2.3	459
332	Adsorptive removal of dyes from aqueous solution onto carbon nanotubes: A review. <i>Advances in Colloid and Interface Science</i> , 2013, 193-194, 24-34.	7.0	1,023
333	Synthesis and characterization of mesoporous activated carbon from rice husk for adsorption of glycine from alcohol-aqueous mixture. <i>Journal of Molecular Liquids</i> , 2013, 177, 416-425.	2.3	75
334	Cellulose acetate-zirconium (IV) phosphate nano-composite with enhanced photo-catalytic activity. <i>Carbohydrate Polymers</i> , 2013, 95, 434-440.	5.1	55
335	Multiwall carbon nanotube modified glassy carbon electrode as voltammetric sensor for the simultaneous determination of ascorbic acid and caffeine. <i>Electrochimica Acta</i> , 2013, 93, 248-253.	2.6	111
336	Comparative study of colorimetric sensors based on newly synthesized Schiff bases. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 642-651.	4.0	118
337	Preparation of bio-based porous carbon by microwave assisted phosphoric acid activation and its use for adsorption of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2013, 401, 125-132.	5.0	100
338	Chromium removal from water by activated carbon developed from waste rubber tires. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1261-1268.	2.7	370
339	Enhanced photocatalytic activity of ZnO/CuO nanocomposite for the degradation of textile dye on visible light illumination. <i>Materials Science and Engineering C</i> , 2013, 33, 91-98.	3.8	923
340	Analysis of Chloramphenicol in Biological Samples by SPE-HPLC. <i>Analytical Chemistry Letters</i> , 2013, 3, 181-190.	0.4	3
341	Pretreatment of pine needles/wood particles and their composites with isocyanate prepolymer adhesive. <i>Polymer Engineering and Science</i> , 2013, 53, 1740-1750.	1.5	6
342	Toxic metal ions in water and their prevalence in Uttarakhand, India. <i>Water Science and Technology: Water Supply</i> , 2012, 12, 773-782.	1.0	8

#	ARTICLE	IF	CITATIONS
343	Immobilized Micro-Organism in Mesoporous Activated Carbon for Treatment of Tannery Waste Water. Tenside, Surfactants, Detergents, 2012, 49, 472-480.	0.5	2
344	Adsorptional photocatalytic degradation of methylene blue onto pectinâ€CuS nanocomposite under solar light. Journal of Hazardous Materials, 2012, 243, 179-186.	6.5	177
345	Electrochemically grafted etodolac film on glassy carbon for Pb(II) determination. Sensors and Actuators B: Chemical, 2012, 171-172, 1207-1215.	4.0	90
346	A new beryllium ion-selective membrane electrode based on dibenzo(perhydrotriazino)aza-14-crown-4 ether. Analytica Chimica Acta, 2012, 749, 44-50.	2.6	33
347	A new approach for the degradation of high concentration of aromatic amine by heterocatalytic Fenton oxidation: Kinetic and spectroscopic studies. Journal of Molecular Liquids, 2012, 173, 153-163.	2.3	521
348	Arsenic speciation analysis and remediation techniques in drinking water. Desalination and Water Treatment, 2012, 40, 231-243.	1.0	31
349	Comparative study of fluoride selective PVC based electrochemical sensors. Electrochimica Acta, 2012, 80, 316-325.	2.6	15
350	Equilibrium, thermodynamic and kinetic studies for the adsorption of lead (II) and nickel (II) onto clay mixture containing boron impurity. Journal of Industrial and Engineering Chemistry, 2012, 18, 1751-1757.	2.9	58
351	A novel copper (II) selective sensor based on Dimethyl 4, 4â€² (o-phenylene) bis(3-thioallophanate) in PVC matrix. Journal of Molecular Liquids, 2012, 174, 11-16.	2.3	334
352	De-coloration of hazardous dye from water system using chemically modified Ficus carica adsorbent. Journal of Molecular Liquids, 2012, 174, 86-94.	2.3	56
353	Batch and bulk removal of hazardous colouring agent Rose Bengal by adsorption techniques using bottom ash as adsorbent. RSC Advances, 2012, 2, 8381.	1.7	333
354	Adsorption of cadmium (II) and zinc (II) on boron enrichment process waste in aqueous solutions: Batch and fixed-bed system studies. Chemical Engineering Journal, 2012, 192, 1-7.	6.6	96
355	Chemical treatment technologies for waste-water recyclingâ€”an overview. RSC Advances, 2012, 2, 6380.	1.7	1,313
356	Pine needle/isocyanate composites: Dimensional stability, biological resistance, flammability, and thermoacoustic characteristics. Polymer Composites, 2012, 33, 324-335.	2.3	10
357	Advanced and Hyphenated Techniques for Nano-Level Analysis of Iron in Water. Critical Reviews in Analytical Chemistry, 2012, 42, 245-256.	1.8	8
358	Cadmium removal and recovery from aqueous solutions by novel adsorbents prepared from orange peel and Fe ₂ O ₃ nanoparticles. Chemical Engineering Journal, 2012, 180, 81-90.	6.6	835
359	Photodegradation of hazardous dye quinoline yellow catalyzed by TiO ₂ . Journal of Colloid and Interface Science, 2012, 366, 135-140.	5.0	98
360	Adsorption of Anionic Dyes on Boron Industry Waste in Single and Binary Solutions Using Batch and Fixed-Bed Systems. Journal of Chemical & Engineering Data, 2011, 56, 508-516.	1.0	85

#	ARTICLE	IF	CITATIONS
361	Chromium removal by combining the magnetic properties of iron oxide with adsorption properties of carbon nanotubes. <i>Water Research</i> , 2011, 45, 2207-2212.	5.3	690
362	Pesticides removal from waste water by activated carbon prepared from waste rubber tire. <i>Water Research</i> , 2011, 45, 4047-4055.	5.3	352
363	Simultaneous determination of ramipril, ramiprilat and telmisartan in human plasma using liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2011, 83, 709-716.	2.9	42
364	Prediction of capillary gas chromatographic retention times of fatty acid methyl esters in human blood using MLR, PLS and back-propagation artificial neural networks. <i>Talanta</i> , 2011, 83, 1014-1022.	2.9	72
365	Anion recognition through amide-based dendritic molecule: A poly(vinyl chloride) based sensor for nitrate ion. <i>Talanta</i> , 2011, 85, 970-974.	2.9	22
366	Biosorption of lead from aqueous solutions by <i>Bacillus</i> strains possessing heavy-metal resistance. <i>Chemical Engineering Journal</i> , 2011, 173, 422-428.	6.6	127
367	A comparative investigation on adsorption performances of mesoporous activated carbon prepared from waste rubber tire and activated carbon for a hazardous azo dye "Acid Blue 113. <i>Journal of Hazardous Materials</i> , 2011, 186, 891-901.	6.5	588
368	Adsorption process of methyl orange dye onto mesoporous carbon material "kinetic and thermodynamic studies. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 457-462.	5.0	713
369	Electrochemical Sensors and Biosensors. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-2.	2.4	33
370	Decoloration treatment of a hazardous triarylmethane dye, Light Green SF (Yellowish) by waste material adsorbents. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 518-527.	5.0	463
371	Adsorption of hazardous dye crystal violet from wastewater by waste materials. <i>Journal of Colloid and Interface Science</i> , 2010, 343, 463-473.	5.0	628
372	Removal and recovery of Chrysoidine Y from aqueous solutions by waste materials. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 497-507.	5.0	805
373	Multi-walled carbon nanotubes-ionic liquid-carbon paste electrode as a super selectivity sensor: Application to potentiometric monitoring of mercury ion(II). <i>Journal of Hazardous Materials</i> , 2010, 183, 402-409.	6.5	691
374	Drug selective poly(vinyl chloride)-based sensor of desipramine hydrochloride. <i>Electrochimica Acta</i> , 2010, 55, 1061-1066.	2.6	28
375	Application of low-cost adsorbents for dye removal " A review. <i>Journal of Environmental Management</i> , 2009, 90, 2313-2342.	3.8	2,877
376	Equilibrium and kinetic adsorption study of Basic Yellow 28 and Basic Red 46 by a boron industry waste. <i>Journal of Hazardous Materials</i> , 2009, 161, 148-156.	6.5	125
377	Adsorption studies on the removal of coloring agent phenol red from wastewater using waste materials as adsorbents. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 345-354.	5.0	467
378	Adsorptive removal of hazardous anionic dye "Congo red" from wastewater using waste materials and recovery by desorption. <i>Journal of Colloid and Interface Science</i> , 2009, 340, 16-26.	5.0	619

#	ARTICLE	IF	CITATIONS
379	Removal of basic and acid dyes from aqueous solutions by a waste containing boron impurity. Desalination, 2009, 249, 109-115.	4.0	55
380	Comparative evaluation of Dy(III) selective poly(vinyl) chloride based membrane electrodes of macrocyclic tetraimine Schiff's bases. Talanta, 2009, 79, 528-533.	2.9	28
381	Process development for the batch and bulk removal and recovery of a hazardous, water-soluble azo dye (Metanil Yellow) by adsorption over waste materials (Bottom Ash and De-Oiled Soya). Journal of Hazardous Materials, 2008, 151, 821-832.	6.5	254
382	Biosorption of lead from aqueous solutions by green algae Spirogyra species: Kinetics and equilibrium studies. Journal of Hazardous Materials, 2008, 152, 407-414.	6.5	498
383	Potentiometric Sensor for the High Throughput Determination of Tetramisole Hydrochloride. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 583-594.	0.6	17
384	Defluoridation of wastewaters using waste carbon slurry. Water Research, 2007, 41, 3307-3316.	5.3	378
385	Nickel(II)-selective sensor based on dibenzo-18-crown-6 in PVC matrix. Talanta, 2007, 71, 795-800.	2.9	37
386	Ni ²⁺ selective sensors based on meso-tetrakis-[4-(tris-(4-allyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 467 Td (dimethylsilyl-phenyl)-silyl]-p 2007, 73, 803-811.	2.9	32
387	Neutral carriers based polymeric membrane electrodes for selective determination of mercury (II). Analytica Chimica Acta, 2007, 590, 81-90.	2.6	384
388	Removal of Reactofix golden yellow 3 RFN from aqueous solution using wheat husk "An agricultural waste. Journal of Hazardous Materials, 2007, 142, 443-448.	6.5	337
389	Removal of acid blue 062 on aqueous solution using calcinated colemanite ore waste. Journal of Hazardous Materials, 2007, 146, 171-179.	6.5	46
390	Removal of Reactofix Navy Blue 2 GFN from aqueous solutions using adsorption techniques. Journal of Colloid and Interface Science, 2007, 307, 326-332.	5.0	50
391	Photochemical degradation of the hazardous dye Safranin-T using TiO ₂ catalyst. Journal of Colloid and Interface Science, 2007, 309, 464-469.	5.0	408
392	Electrochemical removal of the hazardous dye Reactofix Red 3 BFN from industrial effluents. Journal of Colloid and Interface Science, 2007, 312, 292-296.	5.0	270
393	A cobalt(II)-selective PVC membrane based on a Schiff base complex of N,N- ϵ^2 -bis(salicylidene)-3,4-diaminotoluene. Analytica Chimica Acta, 2006, 566, 5-10.	2.6	338
394	A cerium(III) selective polyvinyl chloride membrane sensor based on a Schiff base complex of N,N- ϵ^2 -bis[2-(salicylideneamino)ethyl]ethane-1,2-diamine. Analytica Chimica Acta, 2006, 575, 198-204.	2.6	199
395	PVC-based membranes of N,N- ϵ^2 -dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane as Pb(II)-selective sensor. Sensors and Actuators B: Chemical, 2006, 120, 259-265.	4.0	304
396	Strontium(II) Sensor Based on a Modified Calix[6]arene in PVC Matrix. Analytical Sciences, 2005, 21, 293-296.	0.8	27

#	ARTICLE	IF	CITATIONS
397	Removal of lead and chromium from wastewater using bagasse fly ash—a sugar industry waste. Journal of Colloid and Interface Science, 2004, 271, 321-328.	5.0	617
398	Adsorption behavior of Hg(II), Pb(II), and Cd(II) from aqueous solution on Duolite C-433: a synthetic resin. Journal of Colloid and Interface Science, 2004, 275, 398-402.	5.0	199
399	Title is missing!. Journal of Applied Electrochemistry, 2003, 33, 381-386.	1.5	30
400	Equilibrium uptake and sorption dynamics for the removal of a basic dye (basic red) using low-cost adsorbents. Journal of Colloid and Interface Science, 2003, 265, 257-264.	5.0	334
401	Chemical sensor for lanthanum(III) determination using aza-crown as ionophore in poly(vinyl) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.8	229
402	Biosorption of Chromium(VI) From Aqueous solutions by green algae spirogyra species. Water Research, 2001, 35, 4079-4085.	5.3	497
403	Design parameters for fixed bed reactors of activated carbon developed from fertilizer waste for the removal of some heavy metal ions. Waste Management, 1998, 17, 517-522.	3.7	423
404	Microwave-induced H ₂ SO ₄ activation of activated carbon derived from rice agricultural wastes for sorption of methylene blue from aqueous solution. Desalination and Water Treatment, 0, , 1-14.	1.0	12
405	The inactivation of fecal coliform using Fe ₃ O ₄ @Cu nanocomposite in real wastewater: emphasizing on synergic effect and inactivation mechanisms. , 0, 123, 41-51.		1
406	Solar light assisted degradation of oxytetracycline from water using Bi ₂ O ₃ /Fe ₃ O ₄ supported graphitic carbon nitride photocatalyst. , 0, 148, 338-350.		30