Vinod Kumar Gupta

List of Publications by Year in descending order

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		952	1385
406	56,661	115	222
papers	citations	h-index	g-index
412	412	412	33500
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. International Journal of Hydrogen Energy, 2023, 48, 6624-6637.	7.1	17
2	Fabrication of silica aerogel and carbon–silica composite for dynamic adsorption of benzene from dry and wet gas streams. International Journal of Environmental Analytical Chemistry, 2023, 103, 8091-8109.	3.3	5
3	Facile synthesis of gold-silver/copper sulfide nanoparticles for the selective/sensitive detection of chromium, photochemical and bactericidal application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119324.	3.9	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. Analytical and Bioanalytical Chemistry, 2021, 413, 2481-2492.	3.7	57
5	Electrochemical immunosensor development based on core-shell high-crystalline graphitic carbon nitride@carbon dots and Cd0.5Zn0.5S/d-Ti3C2Tx MXene composite for heart-type fatty acid–binding protein detection. Mikrochimica Acta, 2021, 188, 182.	5.0	85
6	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co3O4@MOF-74 nanocomposite. Journal of Colloid and Interface Science, 2021, 592, 174-185.	9.4	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. Surfaces and Interfaces, 2021, 25, 101293.	3.0	40
8	Carbohydrate antigen 19-9 electrochemical immunosensor based on 1D-MoS2 nanorods/LiNb3O8 and polyoxometalate-incorporated gold nanoparticles. Microchemical Journal, 2021, 170, 106643.	4.5	34
9	A novel electrochemical aflatoxin B1 immunosensor based on gold nanoparticle-decorated porous graphene nanoribbon and Ag nanocube-incorporated MoS ₂ nanosheets. New Journal of Chemistry, 2021, 45, 11222-11233.	2.8	106
10	Sustainable electrode material for high-energy supercapacitor: biomass-derived graphene-like porous carbon with three-dimensional hierarchically ordered ion highways. Physical Chemistry Chemical Physics, 2021, 23, 12807-12821.	2.8	98
11	An improved non-enzymatic electrochemical sensor amplified with CuO nanostructures for sensitive determination of uric acid. Open Chemistry, 2021, 19, 481-491.	1.9	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. Journal of Molecular Liquids, 2020, 298, 112001.	4.9	83
13	Studies on anticancerious and photocatalytic activity of carboxymethyl cellulose-cl-poly(lactic) Tj ETQq1 1 0.784	4314 rgBT 4.9	/Overlock 10
14	Application of Dendrimer/Gold Nanoparticles in Cancer Therapy: A Review. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4231-4244.	3.7	10
15	Conductive polymers in water treatment: A review. Journal of Molecular Liquids, 2020, 312, 113447.	4.9	104
16	Synthesis of Co3S4-SnO2/polyvinylpyrrolidone-cellulose heterojunction as highly performance catalyst for photocatalytic and antimicrobial properties under ultra-violet irradiation. International Journal of Biological Macromolecules, 2020, 162, 220-228.	7.5	31
17	Green synthesis of recyclable MgFeCrO4 spinel nanoparticles for rapid photodegradation of direct black 122 dye. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 392, 112433.	3.9	100
18	Sequestration of toxic congo red dye from aqueous solution using ecofriendly guar gum/ activated	7.5	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.	1.8	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.	1.8	87
21	High Surface Area Mesoporous Silica for Hydrogen Sulfide Effective Removal. Current Nanoscience, 2020, 16, 226-234.	1.2	16
22	Removal of toxic chemical ethidium monoazide bromide using graphene oxide: Thermodynamic and kinetics study. Journal of Molecular Liquids, 2019, 293, 111484.	4.9	13
23	Review on augmentation in photocatalytic activity of CoFe2O4 via heterojunction formation for photocatalysis of organic pollutants in water. Journal of Saudi Chemical Society, 2019, 23, 1119-1136.	5.2	224
24	Heterostructures of mesoporous TiO2 and SnO2 nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. Journal of Colloid and Interface Science, 2019, 542, 45-53.	9.4	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.	4.9	237
26	Adsorption and photocatalysis assisted optimization for drug removal by chitosan-glyoxal/Polyvinylpyrrolidone/MoS2 nanocomposites. International Journal of Biological Macromolecules, 2019, 136, 469-475.	7.5	77
27	Electrochemical detection of gliclazide and glibenclamide on ZnIn2S4 nanoparticles-modified carbon ionic liquid electrode. Journal of Molecular Liquids, 2019, 289, 111141.	4.9	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.	4.9	33
29	Nanosized Fe3O4 incorporated on a TiO2 surface for the enhanced photocatalytic degradation of organic pollutants. Journal of Molecular Liquids, 2019, 287, 110967.	4.9	56
30	Review on advances in photocatalytic water disinfection utilizing graphene and graphene derivatives-based nanocomposites. Journal of Environmental Chemical Engineering, 2019, 7, 103132.	6.7	103
31	Surface Modification of MWCNTs with Carboxylic-to-Amine and Their Superb Adsorption Performance. International Journal of Environmental Research, 2019, 13, 523-531.	2.3	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.	7.5	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.	4.5	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.	4.9	57
35	Algal biochar reinforced trimetallic nanocomposite as adsorptional/photocatalyst for remediation of malachite green from aqueous medium. Journal of Molecular Liquids, 2019, 275, 499-509.	4.9	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.	4.9	33

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37	Enhanced photocatalytic activity and stability of AgBr/BiOBr/graphene heterojunction for phenol degradation under visible light. Journal of Saudi Chemical Society, 2019, 23, 586-599.	5.2	92
38	Ag3PO4 modified phosphorus and sulphur co-doped graphitic carbon nitride as a direct Z-scheme photocatalyst for 2, 4-dimethyl phenol degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 374, 22-35.	3.9	153
39	A new epirubicin biosensor based on amplifying DNA interactions with polypyrrole and nitrogen-doped reduced graphene: Experimental and docking theoretical investigations. Sensors and Actuators B: Chemical, 2019, 284, 568-574.	7.8	246
40	High-performance removal of diazinon pesticide from water using multi-walled carbon nanotubes. Microchemical Journal, 2019, 145, 486-491.	4.5	136
41	Fabrication of Ag3VO4 decorated phosphorus and sulphur co-doped graphitic carbon nitride as a high-dispersed photocatalyst for phenol mineralization and E. coli disinfection. Separation and Purification Technology, 2019, 212, 887-900.	7.9	119
42	New Emerging One Dimensional Nanostructure Materials for Gas Sensing Application: A Mini Review. Current Analytical Chemistry, 2019, 15, 131-135.	1.2	6
43	Preparation of Mg-doped TiO2 nanoparticles for photocatalytic degradation of some organic pollutants. Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 7-18.	0.2	24
44	Removal of methylene blue by silver nanoparticles loaded on activated carbon by an ultrasound-assisted device: optimization by experimental design methodology. Research on Chemical Intermediates, 2018, 44, 2929-2950.	2.7	36
45	Adsorption kinetics of lysozyme on multi-walled carbon nanotubes and amino functionalized multi-walled carbon nanotubes from aqueous solution. Journal of Molecular Liquids, 2018, 254, 93-97.	4.9	22
46	Preparation and characterization of cross-linked chitosan/palladium nanocomposites for catalytic and antibacterial activity. Journal of Molecular Liquids, 2018, 257, 32-41.	4.9	84
47	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. Journal of Molecular Liquids, 2018, 254, 255-259.	4.9	40
48	MWCNTs-Fe3O4 nanocomposite for Hg(II) high adsorption efficiency. Journal of Molecular Liquids, 2018, 258, 345-353.	4.9	136
49	Zn (II) removal by amino-functionalized magnetic nanoparticles: Kinetics, isotherm, and thermodynamic aspects of adsorption. Journal of Industrial and Engineering Chemistry, 2018, 62, 302-310.	5.8	48
50	Electrochemical sensing of ractopamine by carbon nitride nanotubes/ionic liquid nanohybrid in presence of other β-agonists. Journal of Molecular Liquids, 2018, 254, 8-11.	4.9	53
51	Liquid–Liquid Separation Through Polymeric Membranes. , 2018, , 217-241.		1
52	Hydrogen adsorption properties of Ag decorated TiO2 nanomaterials. International Journal of Hydrogen Energy, 2018, 43, 2861-2868.	7.1	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. Journal of Electroanalytical Chemistry, 2018, 820, 168-175.	3.8	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. Data in Brief, 2018, 18, 1544-1550.	1.0	9

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55	Synergetic enhancement of Cr(VI) removal from aqueous solutions using polyaniline@Ni(OH)2 nanocomposites adsorbent. Journal of Environmental Chemical Engineering, 2018, 6, 2514-2527.	6.7	44
56	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems. Chemical Engineering Journal, 2018, 346, 258-270.	12.7	211
57	Towards green synthesis of monodisperse Cu nanoparticles: An efficient and high sensitive electrochemical nitrite sensor. Sensors and Actuators B: Chemical, 2018, 266, 873-882.	7.8	133
58	Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic. Journal of Molecular Liquids, 2018, 260, 342-350.	4.9	119
59	Experimental design and optimization of castor oil transesterification process by response surface methodology. Biofuels, 2018, 9, 7-17.	2.4	5
60	Catalytic decomposition of 2-chlorophenol using an ultrasonic-assisted Fe3O4–TiO2@MWCNT system: Influence factors, pathway and mechanism study. Journal of Colloid and Interface Science, 2018, 512, 172-189.	9.4	56
61	Adsorption of p-Cresol on Al2O3 coated multi-walled carbon nanotubes: Response surface methodology and isotherm study. Journal of Industrial and Engineering Chemistry, 2018, 57, 396-404.	5.8	63
62	Adsorption of Amido Black 10B from aqueous solution using polyaniline/SiO2 nanocomposite: Experimental investigation and artificial neural network modeling. Journal of Colloid and Interface Science, 2018, 510, 246-261.	9.4	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. Journal of Colloid and Interface Science, 2018, 510, 95-102	9.4	56
64	Antioxidant activity and controlled drug delivery potential of tragacanth gum-cl- poly (lactic) Tj ETQq0 0 0 rgBT /0 2534-2543.	Overlock 1 7.5	0 Tf 50 387 ⁻ 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. Journal of Industrial and Engineering Chemistry, 2018, 60, 237-249.	5.8	19
66	Crystallinity and lowering band gap induced visible light photocatalytic activity of TiO2/CS (Chitosan) nanocomposites. International Journal of Biological Macromolecules, 2018, 109, 1239-1245.	7.5	121
67	Preparation and characterization of TiO2 nanofibers by hydrothermal method for removal of Benzodiazepines (Diazepam) from liquids as catalytic ozonation and adsorption processes. Journal of Molecular Liquids, 2018, 249, 1033-1038.	4.9	38
68	Line defect Ce3+ induced Ag/CeO2/ZnO nanostructure for visible-light photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 499-506.	3.9	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. Journal of Molecular Liquids, 2018, 251, 212-217.	4.9	100
70	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe2O4 nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. Ionics, 2018, 24, 1497-1503.	2.4	8
71	Enhanced Antibacterial effect of chitosan film using Montmorillonite/CuO nanocomposite. International Journal of Biological Macromolecules, 2018, 109, 1219-1231.	7.5	163
72	Palladium oxide nanoparticles supported on reduced graphene oxide and gold doped: Preparation, characterization and electrochemical study of supercapacitor electrode. Journal of Molecular Liquids, 2018, 249, 61-65.	4.9	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. Data in Brief, 2018, 20, 715-722.	1.0	3
74	Electrocatalytic Determination of L-cysteine in the Presence of Tryptophan Using Carbon Paste Electrode Modified with MgO Nanoparticles and Acetylferrocene. International Journal of Electrochemical Science, 2018, 13, 4309-4318.	1.3	11
75	Preparation and characterization of WS2 decorated and immobilized on chitosan and polycaprolactone as biodegradable polymers nanofibers: Photocatalysis study and antibiotic-conjugated for antibacterial evaluation. International Journal of Biological Macromolecules, 2018, 120, 1789-1793.	7.5	42
76	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. Sensors, 2018, 18, 2817.	3.8	28
77	Highly Sensitive Electrochemical Sensor for Anticancer Drug by a Zirconia Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite. ACS Omega, 2018, 3, 14597-14605.	3.5	68
78	Kinetic and modeling data on phenol removal by Iron-modified Scoria Powder (FSP) from aqueous solutions. Data in Brief, 2018, 20, 957-968.	1.0	29
79	Novel nanohydrogel based on itaconic acid grafted tragacanth gum for controlled release of ampicillin. Carbohydrate Polymers, 2018, 196, 262-271.	10.2	57
80	Simple synthesis of biogenic Pd Ag bimetallic nanostructures for an ultra-sensitive electrochemical sensor for sensitive determination of uric acid. Journal of Electroanalytical Chemistry, 2018, 822, 163-170.	3.8	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). Data in Brief, 2018, 19, 67-75.	1.0	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). Data in Brief, 2018, 19, 1490-1497.	1.0	7
83	Evaluation of indoor air quality and its symptoms in office building – A case study of Mashhad, Iran. Data in Brief, 2018, 20, 74-79.	1.0	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. Environmental Technology and Innovation, 2018, 11, 262-275.	6.1	21
85	Adsorptive removal of Pb (II) ions from aqueous solution using CuO nanoparticles synthesized by sputtering method. Journal of Molecular Liquids, 2017, 225, 936-944.	4.9	93
86	Pt nanoparticles decorated WO 3 -MWCNTs nanocomposites: Preparation, characterization, and adsorption behavior. Journal of Molecular Liquids, 2017, 229, 514-519.	4.9	27
87	Adsorption mechanism of functionalized multi-walled carbon nanotubes for advanced Cu (II) removal. Journal of Molecular Liquids, 2017, 230, 667-673.	4.9	100
88	Peganum harmala -L Seeds adsorbent for the rapid removal of noxious brilliant green dyes from aqueous phase. Journal of Molecular Liquids, 2017, 231, 296-305.	4.9	61
89	Liquid phase analysis of methyldopa in the presence of tyrosine using electrocatalytic effect of a catechol derivative at a surface of NiO nanoparticle modified carbon paste electrode. Journal of Molecular Liquids, 2017, 230, 290-294.	4.9	13
90	The role of nanomaterials as effective adsorbents and their applications in wastewater treatment. Journal of Nanostructure in Chemistry, 2017, 7, 1-14.	9.1	444

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91	Degradation of azo dyes under different wavelengths of UV light with chitosan-SnO2 nanocomposites. Journal of Molecular Liquids, 2017, 232, 423-430.	4.9	102
92	Removal of phthalate esters (PAEs) by zeolite/Fe 3 O 4 : Investigation on the magnetic adsorption separation, catalytic degradation and toxicity bioassay. Journal of Molecular Liquids, 2017, 233, 378-390.	4.9	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. Journal of Colloid and Interface Science, 2017, 497, 193-200.	9.4	110
94	Adsorption/desorption study of proteins onto multi-walled carbon nanotubes and amino multi-walled carbon nanotubes surfaces as adsorbents. Journal of Molecular Liquids, 2017, 231, 566-571.	4.9	26
95	Synthesis and characterization of Ag 2 S decorated chitosan nanocomposites and chitosan nanofibers for removal of lincosamides antibiotic. International Journal of Biological Macromolecules, 2017, 103, 1-7.	7.5	41
96	Synthesis of MnO 2 /cellulose fiber nanocomposites for rapid adsorption of insecticide compound and optimization by response surface methodology. International Journal of Biological Macromolecules, 2017, 102, 840-846.	7.5	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. Journal of Molecular Liquids, 2017, 237, 466-472.	4.9	112
98	Electrochemical Detection of Atrazine by Platinum Nanoparticles/Carbon Nitride Nanotubes with Molecularly Imprinted Polymer. Industrial & Engineering Chemistry Research, 2017, 56, 7631-7639.	3.7	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. Journal of Molecular Liquids, 2017, 241, 102-113.	4.9	55
100	Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties. Journal of Colloid and Interface Science, 2017, 504, 164-170.	9.4	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. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 43-49.	3.8	168
102	Optimization by response surface methodology for vanadium (V) removal from aqueous solutions using PdO-MWCNTs nanocomposites. Journal of Molecular Liquids, 2017, 234, 117-123.	4.9	23
103	Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic) Tj ETQq1 1 0.784314	ŀrg₿T /Ov	erlock 10 Tf 79
104	Modeling and optimization of Direct Red 16 adsorption from aqueous solutions using nanocomposite of MnFe 2 O 4 /MWCNTs: RSM-CCRD model. Journal of Molecular Liquids, 2017, 233, 370-377.	4.9	45
105	Optical and electrochemical dual channel sensing of Cu2+ using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 73-81.	3.9	7
106	Optimization of toxic biological compound adsorption from aqueous solution onto Silicon and Silicon carbide nanoparticles through response surface methodology. Materials Science and Engineering C, 2017, 77, 1128-1134.	7.3	25
107	Visible light degradation of textile effluent by electrodeposited multiphase CuInSe2 semiconductor photocatalysts. Journal of Molecular Liquids, 2017, 227, 194-201.	4.9	27
108	Folic acid modified cross-linked cationic polymer: Synthesis, characterization and application of the removal of Congo red dye from aqueous medium, Journal of Molecular Liquids, 2017, 227, 87-97	4.9	25

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109	Palladium nanoparticles functionalized graphene quantum dots with molecularly imprinted polymer for electrochemical analysis of citrinin. Journal of Molecular Liquids, 2017, 243, 677-681.	4.9	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. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 235-242.	3.8	38
111	Synthesis and characterization of Fe0/TiO2 nano-composites for ultrasound assisted enhanced catalytic degradation of reactive black 5 in aqueous solutions. Journal of Colloid and Interface Science, 2017, 506, 403-414.	9.4	37
112	Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shell—Optimization, kinetics and equilibrium studies. Journal of Industrial and Engineering Chemistry, 2017, 54, 464-471.	5.8	73
113	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. Sensors and Actuators B: Chemical, 2017, 241, 1090-1098.	7.8	17
114	Sonocatalytic, sonophotocatalytic and photocatalytic degradation of morphine using molybdenum trioxide and molybdenum disulfide nanoparticles photocatalyst. Journal of Molecular Liquids, 2017, 225, 95-100.	4.9	19
115	Synthesis of lactic acid–Zr(IV) phosphate nanocomposite ion exchanger for green remediation. Ionics, 2017, 23, 699-706.	2.4	9
116	Iron doped SnO2/Co3O4 nanocomposites synthesized by sol-gel and precipitation method for metronidazole antibiotic degradation. Materials Science and Engineering C, 2017, 70, 178-183.	7.3	43
117	An easily accessible optical chemosensor for Cu2+ based on novel imidazoazine framework, its performance characteristics and potential applications. Sensors and Actuators B: Chemical, 2017, 240, 365-375.	7.8	40
118	Dehalogenation of aromatic halides by polyaniline/zero-valent iron composite nanofiber: Kinetics and mechanisms. Applied Catalysis B: Environmental, 2017, 202, 207-216.	20.2	40
119	Synthesis of nanocomposites from polyacrylamide and graphene oxide: Application as flocculants for water purification. Journal of Colloid and Interface Science, 2017, 490, 505-510.	9.4	39
120	Synthesis of CdSe quantum dots decorated SnO2 nanotubes as anode for photo-assisted electrochemical degradation of hydrochlorothiazide: Kinetic process. Journal of Colloid and Interface Science, 2017, 508, 575-582.	9.4	20
121	Adsorptive remediation of Cu(II) and Ni(II) by microwave assisted H3PO4 activated carbon. Arabian Journal of Chemistry, 2017, 10, S2836-S2844.	4.9	25
122	Fabrication of highly sensitive nitrite electrochemical sensor in foodstuff using nanostructure sensor. International Journal of Electrochemical Science, 2017, , 3931-3940.	1.3	11
123	Electrochemical Determination of Adrenaline Using Voltammetric Sensor Employing NiO/CNTs Based Carbon Paste Electrode. International Journal of Electrochemical Science, 2017, 12, 248-257.	1.3	29
124	High-flux ultrafiltration membrane based on electrospun polyacrylonitrile nanofibrous scaffolds for arsenate removal from aqueous solutions. Journal of Colloid and Interface Science, 2017, 506, 564-571.	9.4	59
125	Modified Nanoporous Asymmetric Polyacrylonitrile Membranes with Merpol as a Hydrophilic Surfactant: Insulin Separation. Asian Journal of Chemistry, 2016, 28, 1757-1762.	0.3	1
126	A Fast Strategy for Determination of Vitamin B9 in Food and Pharmaceutical Samples Using an Ionic Liquid-Modified Nanostructure Voltammetric Sensor. Sensors, 2016, 16, 747.	3.8	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.	0.3	1
128	Preâ€concentration of trace amount of bisphenol A in water samples by palm leaf ash and determination with highâ€performance liquid chromatography. Biomedical Chromatography, 2016, 30, 1256-1262.	1.7	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.	1.0	20
130	Degradation of azinphos-methyl and chlorpyrifos from aqueous solutions by ultrasound treatment. Journal of Molecular Liquids, 2016, 221, 1237-1242.	4.9	51
131	Reduced graphene oxide based a novel polymer inclusion membrane: Transport studies of Cr(VI). Journal of Molecular Liquids, 2016, 219, 1124-1130.	4.9	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.	6.7	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.	7.3	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.	7.8	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.	4.9	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.	4.9	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.	4.9	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.	1.5	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.	5.8	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.	2.9	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.	2.9	65
142	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu ²⁺ and Al ³⁺ . Analytical Methods, 2016, 8, 7369-7379.	2.7	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.	4.9	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.	4.9	27

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145	Rapid removal of noxious nickel (II) using novel \hat{I}^3 -alumina nanoparticles and multiwalled carbon nanotubes: Kinetic and isotherm studies. Journal of Molecular Liquids, 2016, 224, 618-623.	4.9	69
146	Fabrication of chitosan-g-poly(acrylamide)/Cu nanocomposite for the removal of Pb(II) from aqueous solutions. Journal of Molecular Liquids, 2016, 224, 1319-1325.	4.9	26
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