

# Vinod Kumar Gupta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

403  
papers

47,647  
citations

103  
h-index

206  
g-index

412  
ext. papers

51,675  
ext. citations

6.6  
avg, IF

8.27  
L-index

#	Paper	IF	Citations
403	Electrochemical immunosensor development based on core-shell high-crystalline graphitic carbon nitride@carbon dots and CdZnS/d-TiCT MXene composite for heart-type fatty acid-binding protein detection. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 182	5.8	57
402	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell CoO@MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 592, 174-185	9.3	168
401	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> , <b>2021</b> , 249, 119324	4.4	35
400	Novel voltammetric tumor necrosis factor-alpha (TNF- $\alpha$ ) immunosensor based on gold nanoparticles involved in thiol-functionalized multi-walled carbon nanotubes and bimetallic Ni/Cu-MOFs. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2481-2492	4.4	26
399	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> , <b>2021</b> , 25, 101293	4.1	27
398	Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> ,	6.7	4
397	Carbohydrate antigen 19-9 electrochemical immunosensor based on 1D-MoS2 nanorods/LiNb3O8 and polyoxometalate-incorporated gold nanoparticles. <i>Microchemical Journal</i> , <b>2021</b> , 170, 106643	4.8	10
396	A novel electrochemical aflatoxin B1 immunosensor based on gold nanoparticle-decorated porous graphene nanoribbon and Ag nanocube-incorporated MoS2 nanosheets. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11222-11233	3.6	58
395	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> , <b>2021</b> , 23, 12807-12821	3.6	50
394	An improved non-enzymatic electrochemical sensor amplified with CuO nanostructures for sensitive determination of uric acid. <i>Open Chemistry</i> , <b>2021</b> , 19, 481-491	1.6	6
393	Conductive polymers in water treatment: A review. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 312, 113447	6	54
392	Synthesis of CoS-SnO/polyvinylpyrrolidone-cellulose heterojunction as highly performance catalyst for photocatalytic and antimicrobial properties under ultra-violet irradiation. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 220-228	7.9	27
391	Green synthesis of recyclable MgFeCrO4 spinel nanoparticles for rapid photodegradation of direct black 122 dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 392, 112433	4.7	59
390	Superiority of Modified Polymeric Membrane with Nanomaterial on Temperature and Mechanical Stability and Application in Industrial Waste Water. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 061019	2	4
389	A Novel Molecularly Imprinting Biosensor Including Graphene Quantum Dots/Multi-Walled Carbon Nanotubes Composite for Interleukin-6 Detection and Electrochemical Biosensor Validation. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 121010	2	51
388	High Surface Area Mesoporous Silica for Hydrogen Sulfide Effective Removal. <i>Current Nanoscience</i> , <b>2020</b> , 16, 226-234	1.4	13
387	Sequestration of toxic congo red dye from aqueous solution using ecofriendly guar gum/ activated carbon nanocomposite. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 158, 1310-1310	7.9	45

386	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> , <b>2020</b> , 298, 112001	6	47
385	Studies on anticancerous and photocatalytic activity of carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid)/ZnO-Ag nanocomposite. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 6966-6976	5.9	5
384	Application of Dendrimer/Gold Nanoparticles in Cancer Therapy: A Review. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 4231-4244	3.2	5
383	Heterostructures of mesoporous TiO and SnO nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 542, 45-53	9.3	23
382	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 278, 672-676	6	157
381	Adsorption and photocatalysis assisted optimization for drug removal by chitosan-glyoxal/Polyvinylpyrrolidone/MoS nanocomposites. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 136, 469-475	7.9	55
380	Electrochemical detection of gliclazide and glibenclamide on ZnIn <sub>2</sub> S <sub>4</sub> nanoparticles-modified carbon ionic liquid electrode. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 289, 111141	6	6
379	Investigation of photocatalytic process for iron disulfide-bismuth oxide nanocomposites by using response surface methodology: Structural and antibacterial properties. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 289, 110950	6	28
378	Nanosized Fe <sub>3</sub> O <sub>4</sub> incorporated on a TiO <sub>2</sub> surface for the enhanced photocatalytic degradation of organic pollutants. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 287, 110967	6	29
377	Review on advances in photocatalytic water disinfection utilizing graphene and graphene derivatives-based nanocomposites. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103132	6.8	62
376	Surface Modification of MWCNTs with Carboxylic-to-Amine and Their Superb Adsorption Performance. <i>International Journal of Environmental Research</i> , <b>2019</b> , 13, 523-531	2.9	34
375	Experimental design, modeling and mechanism of cationic dyes biosorption on to magnetic chitosan-lutaraldehyde composite. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 131, 633-645	7.9	63
374	Removal of toxic chemical ethidium monoazide bromide using graphene oxide: Thermodynamic and kinetics study. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 293, 111484	6	8
373	Review on augmentation in photocatalytic activity of CoFe <sub>2</sub> O <sub>4</sub> via heterojunction formation for photocatalysis of organic pollutants in water. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 1119-1136	4.3	132
372	New Emerging One Dimensional Nanostructure Materials for Gas Sensing Application: A Mini Review. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 131-135	1.7	2
371	Preparation of Mg-doped TiO <sub>2</sub> nanoparticles for photocatalytic degradation of some organic pollutants. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , <b>2019</b> , 64, 7-18	1	17
370	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. <i>Microchemical Journal</i> , <b>2019</b> , 146, 1043-1053	4.8	15
369	Phenol adsorption on scoria stone as adsorbent - Application of response surface method and artificial neural networks. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 274, 699-714	6	40

368	Algal biochar reinforced trimetallic nanocomposite as adsorptional/photocatalyst for remediation of malachite green from aqueous medium. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 275, 499-509	6	42
367	Efficient fluoride removal by preparation, characterization of pyrolysis bone: Mixed level design experiment and Taguchi L8 orthogonal array optimization. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 275, 251-264	6.4	15
366	Enhanced photocatalytic activity and stability of AgBr/BiOBr/graphene heterojunction for phenol degradation under visible light. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 586-599	4.3	67
365	Ag <sub>3</sub> PO <sub>4</sub> 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> , <b>2019</b> , 374, 22-35	4.7	119
364	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> , <b>2019</b> , 284, 568-574	8.5	183
363	High-performance removal of diazinon pesticide from water using multi-walled carbon nanotubes. <i>Microchemical Journal</i> , <b>2019</b> , 145, 486-491	4.8	91
362	Fabrication of Ag <sub>3</sub> VO <sub>4</sub> decorated phosphorus and sulphur co-doped graphitic carbon nitride as a high-dispersed photocatalyst for phenol mineralization and E. coli disinfection. <i>Separation and Purification Technology</i> , <b>2019</b> , 212, 887-900	8.3	88
361	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> , <b>2018</b> , 44, 2929-2950	2.8	26
360	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> , <b>2018</b> , 254, 93-97	6	20
359	Preparation and characterization of cross-linked chitosan/palladium nanocomposites for catalytic and antibacterial activity. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 257, 32-41	6	65
358	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 255-259	6	30
357	MWCNTs-Fe <sub>3</sub> O <sub>4</sub> nanocomposite for Hg(II) high adsorption efficiency. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 258, 345-353	6	104
356	Zn (II) removal by amino-functionalized magnetic nanoparticles: Kinetics, isotherm, and thermodynamic aspects of adsorption. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 62, 302-310	6.3	33
355	Electrochemical sensing of ractopamine by carbon nitride nanotubes/ionic liquid nanohybrid in presence of other agonists. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 254, 8-11	6	46
354	Liquid-Liquid Separation Through Polymeric Membranes <b>2018</b> , 217-241		1
353	Hydrogen adsorption properties of Ag decorated TiO <sub>2</sub> nanomaterials. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 2861-2868	6.7	23
352	Electrochemical sensor for detection of uric acid in the presence of ascorbic acid and dopamine using the poly(DPA)/SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> modified carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 820, 168-175	4.1	61
351	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> , <b>2018</b> , 18, 1544-1550	1.2	4

350	Synergetic enhancement of Cr(VI) removal from aqueous solutions using polyaniline@Ni(OH) <sub>2</sub> nanocomposites adsorbent. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 2514-2527	6.8	29
349	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems. <i>Chemical Engineering Journal</i> , <b>2018</b> , 346, 258-270	14.7	141
348	Towards green synthesis of monodisperse Cu nanoparticles: An efficient and high sensitive electrochemical nitrite sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 266, 873-882	8.5	89
347	Fabrication and characterization of trimetallic nano-photocatalyst for remediation of ampicillin antibiotic. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 260, 342-350	6	99
346	Experimental design and optimization of castor oil transesterification process by response surface methodology. <i>Biofuels</i> , <b>2018</b> , 9, 7-17	2	4
345	Catalytic decomposition of 2-chlorophenol using an ultrasonic-assisted FeO-TiO@MWCNT system: Influence factors, pathway and mechanism study. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 172-189	9.3	43
344	Adsorption of p-Cresol on Al <sub>2</sub> O <sub>3</sub> coated multi-walled carbon nanotubes: Response surface methodology and isotherm study. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 57, 396-404	6.3	38
343	Adsorption of Amido Black 10B from aqueous solution using polyaniline/SiO <sub>2</sub> nanocomposite: Experimental investigation and artificial neural network modeling. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 510, 246-261	9.3	104
342	Synthesis and characterization of Ag doped ZnS quantum dots for enhanced photocatalysis of Strychnine asa poison: Charge transfer behavior study by electrochemical impedance and time-resolved photoluminescence spectroscopy. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 510, 95-102	9.3	43
341	Evaluation of indoor air quality and its symptoms in office building - A case study of Mashhad, Iran. <i>Data in Brief</i> , <b>2018</b> , 20, 74-79	1.2	7
340	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> , <b>2018</b> , 11, 262-275	7	12
339	Antioxidant activity and controlled drug delivery potential of tragacanth gum-cl- poly (lactic acid-co-itaconic acid) hydrogel. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 107, 2534-2543	7.9	32
338	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> , <b>2018</b> , 60, 237-249	6.3	13
337	Crystallinity and lowering band gap induced visible light photocatalytic activity of TiO <sub>2</sub> /CS (Chitosan) nanocomposites. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 109, 1239-1245	7.9	88
336	Preparation and characterization of TiO <sub>2</sub> nanofibers by hydrothermal method for removal of Benzodiazepines (Diazepam) from liquids as catalytic ozonation and adsorption processes. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 249, 1033-1038	6	29
335	Line defect Ce <sup>3+</sup> induced Ag/CeO <sub>2</sub> /ZnO nanostructure for visible-light photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 353, 499-506	4.7	59
334	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> , <b>2018</b> , 251, 212-217	6	86
333	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe <sub>2</sub> O <sub>4</sub> nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. <i>Ionics</i> , <b>2018</b> , 24, 1497-1503	2.7	5

332	Enhanced Antibacterial effect of chitosan film using Montmorillonite/CuO nanocomposite. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 109, 1219-1231	7.9	111
331	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> , <b>2018</b> , 249, 61-65	6	23
330	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> , <b>2018</b> , 20, 715-722	1.2	2
329	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> , <b>2018</b> , 4309-4318	2.2	6
328	Preparation and characterization of WS 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> , <b>2018</b> , 120, 1789-1793	7.9	31
327	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. <i>Sensors</i> , <b>2018</b> , 18,	3.8	21
326	Highly Sensitive Electrochemical Sensor for Anticancer Drug by a Zirconia Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite. <i>ACS Omega</i> , <b>2018</b> , 3, 14597-14605	3.9	44
325	Kinetic and modeling data on phenol removal by Iron-modified Scoria Powder (FSP) from aqueous solutions. <i>Data in Brief</i> , <b>2018</b> , 20, 957-968	1.2	24
324	Novel nanohydrogel based on itaconic acid grafted tragacanth gum for controlled release of ampicillin. <i>Carbohydrate Polymers</i> , <b>2018</b> , 196, 262-271	10.3	36
323	Simple synthesis of biogenic PdAg bimetallic nanostructures for an ultra-sensitive electrochemical sensor for sensitive determination of uric acid. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 822, 163-170	4.1	24
322	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> , <b>2018</b> , 19, 67-75	1.2	4
321	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> , <b>2018</b> , 19, 1490-1497	1.2	7
320	Adsorptive removal of Pb (II) ions from aqueous solution using CuO nanoparticles synthesized by sputtering method. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 225, 936-944	6	61
319	Pt nanoparticles decorated WO <sub>3</sub> -MWCNTs nanocomposites: Preparation, characterization, and adsorption behavior. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 229, 514-519	6	21
318	Adsorption mechanism of functionalized multi-walled carbon nanotubes for advanced Cu (II) removal. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 230, 667-673	6	78
317	Peganum harmala-L Seeds adsorbent for the rapid removal of noxious brilliant green dyes from aqueous phase. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 231, 296-305	6	43
316	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> , <b>2017</b> , 230, 290-294	6	9
315	The role of nanomaterials as effective adsorbents and their applications in wastewater treatment. <i>Journal of Nanostructure in Chemistry</i> , <b>2017</b> , 7, 1-14	7.6	299

314	Degradation of azo dyes under different wavelengths of UV light with chitosan-SnO <sub>2</sub> nanocomposites. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 232, 423-430	6	78
313	Removal of phthalate esters (PAEs) by zeolite/Fe <sub>3</sub> O <sub>4</sub> : Investigation on the magnetic adsorption separation, catalytic degradation and toxicity bioassay. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 378-390	6	45
312	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> , <b>2017</b> , 497, 193-200	9.3	94
311	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> , <b>2017</b> , 231, 566-571	6	22
310	Synthesis and characterization of AgS decorated chitosan nanocomposites and chitosan nanofibers for removal of lincosamides antibiotic. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 103, 1-7	7.9	31
309	Synthesis of MnO/cellulose fiber nanocomposites for rapid adsorption of insecticide compound and optimization by response surface methodology. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 840-846	7.9	39
308	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> , <b>2017</b> , 237, 466-472	6	87
307	Electrochemical Detection of Atrazine by Platinum Nanoparticles/Carbon Nitride Nanotubes with Molecularly Imprinted Polymer. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 7631-7639	3.9	97
306	MWCNT-Fe <sub>3</sub> O <sub>4</sub> 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> , <b>2017</b> , 241, 102-113	6	45
305	Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 504, 164-170	9.3	45
304	Synthesis and characterization of metal oxides (CeO, CuO, NiO, MnO, SnO and ZnO) nanoparticles as photo catalysts for degradation of textile dyes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 173, 43-49	6.7	126
303	Optimization by response surface methodology for vanadium (V) removal from aqueous solutions using PdO-MWCNTs nanocomposites. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 234, 117-123	6	20
302	Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic acid-co-itaconic acid) hydrogel. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 101, 612-620	7.9	56
301	Modeling and optimization of Direct Red 16 adsorption from aqueous solutions using nanocomposite of MnFe <sub>2</sub> O <sub>4</sub> /MWCNTs: RSM-CCRD model. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 370-377	6	34
300	Optical and electrochemical dual channel sensing of Cu using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 181, 73-81	4.4	3
299	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> , <b>2017</b> , 77, 1128-1134	8.3	18
298	Visible light degradation of textile effluent by electrodeposited multiphase CuInSe <sub>2</sub> semiconductor photocatalysts. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 227, 194-201	6	19
297	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> , <b>2017</b> , 227, 87-97	6	18

296	Fabrication of highly sensitive nitrite electrochemical sensor in foodstuff using nanostructure sensor. <i>International Journal of Electrochemical Science</i> , <b>2017</b> , 3931-3940	2.2	7
295	Electrochemical Determination of Adrenaline Using Voltammetric Sensor Employing NiO/CNTs Based Carbon Paste Electrode. <i>International Journal of Electrochemical Science</i> , <b>2017</b> , 248-257	2.2	12
294	Palladium nanoparticles functionalized graphene quantum dots with molecularly imprinted polymer for electrochemical analysis of citrinin. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 243, 677-681	6	61
293	Synthesis and characterization of MnO/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> , <b>2017</b> , 174, 235-242	6.7	33
292	Synthesis and characterization of Fe/TiO nano-composites for ultrasound assisted enhanced catalytic degradation of reactive black 5 in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 506, 403-414	9.3	27
291	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> , <b>2017</b> , 54, 464-471	6.3	49
290	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 1090-1098	8.5	13
289	Sonocatalytic, sonophotocatalytic and photocatalytic degradation of morphine using molybdenum trioxide and molybdenum disulfide nanoparticles photocatalyst. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 225, 95-100	6	16
288	Synthesis of lactic acid Zr(IV) phosphate nanocomposite ion exchanger for green remediation. <i>Ionics</i> , <b>2017</b> , 23, 699-706	2.7	7
287	Iron doped SnO/CoO nanocomposites synthesized by sol-gel and precipitation method for metronidazole antibiotic degradation. <i>Materials Science and Engineering C</i> , <b>2017</b> , 70, 178-183	8.3	31
286	An easily accessible optical chemosensor for Cu <sup>2+</sup> based on novel imidazoazine framework, its performance characteristics and potential applications. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 240, 365-375	8.5	33
285	Dehalogenation of aromatic halides by polyaniline/zero-valent iron composite nanofiber: Kinetics and mechanisms. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 202, 207-216	21.8	30
284	Synthesis of nanocomposites from polyacrylamide and graphene oxide: Application as flocculants for water purification. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 490, 505-510	9.3	29
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281	High-flux ultrafiltration membrane based on electrospun polyacrylonitrile nanofibrous scaffolds for arsenate removal from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 506, 564-571	9.3	52
280	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> , <b>2016</b> , 9, 1274-1283	3.4	36
279	Removal of hazardous dyes-BR 12 and methyl orange using graphene oxide as an adsorbent from aqueous phase. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 687-697	14.7	444



278	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> , <b>2016</b> , 213, 360-368	6	41
277	Removal of Bisphenol A from aqueous solutions using ultrasonic waves and hydrogen peroxide. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 332-338	6	42
276	Sorption of phenol from waters on activated carbon impregnated with iron oxide, aluminum oxide and titanium oxide. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 351-359	6	69
275	Equilibrium and kinetic study of ammonium ion adsorption by Fe <sub>3</sub> O <sub>4</sub> nanoparticles from aqueous solutions. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 213, 345-350	6	45
274	An easily accessible switch-on optical chemosensor for the detection of noxious metal ions Ni(II), Zn(II), Fe(III) and UO <sub>2</sub> (II). <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 222, 468-482	8.5	73
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269	Fabrication of novel electrochemical sensor for determination of vitamin C in the presence of vitamin B9 in food and pharmaceutical samples. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 666-672	6	23
268	Rapid removal of noxious nickel (II) using novel $\gamma$ -alumina nanoparticles and multiwalled carbon nanotubes: Kinetic and isotherm studies. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 618-623	6	59
267	Fabrication of chitosan-g-poly(acrylamide)/Cu nanocomposite for the removal of Pb(II) from aqueous solutions. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 1319-1325	6	22
266	Ce(3+)-ion-induced visible-light photocatalytic degradation and electrochemical activity of ZnO/CeO <sub>2</sub> nanocomposite. <i>Scientific Reports</i> , <b>2016</b> , 6, 31641	4.9	435
265	Removal of hexavalent chromium ions using CuO nanoparticles for water purification applications. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 478, 54-62	9.3	97
264	Fabrication of novel shape Cu and Cu/Cu <sub>2</sub> O nanoparticles modified electrode for the determination of dopamine and paracetamol. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 930-941	6	280
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262	Taguchi L8 (27) orthogonal array design method for the optimization of synthesis conditions of manganese phosphate (Mn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> ) nanoparticles using water-in-oil microemulsion method. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 1131-1136	6	5
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258	Adsorption of phenol on aluminum oxide impregnated fly ash. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 6801-6808		28
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256	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> , <b>2016</b> , 57, 9272-9285		25
255	The effect of Na <sub>2</sub> SO <sub>4</sub> concentration in aqueous phase on the phase inversion temperature of lemon oil in water nano-emulsions. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 454-460	6	9
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253	Decontamination of 2-chloro ethyl ethyl sulphide and dimethyl methyl phosphonate from aqueous solutions using manganese oxide nanostructures. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 285-292	6	14
252	Rapid removal of Hg (II) from aqueous solution by rice straw activated carbon prepared by microwave-assisted H <sub>2</sub> SO <sub>4</sub> activation: Kinetic, isotherm and thermodynamic studies. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 215, 144-153	6	42
251	New molecular imprinted voltammetric sensor for determination of ochratoxin A. <i>Materials Science and Engineering C</i> , <b>2016</b> , 61, 368-75	8.3	89
250	Reduction of noxious Cr(VI) ion to Cr(III) ion in aqueous solutions using H <sub>2</sub> O <sub>2</sub> and UV/H <sub>2</sub> O <sub>2</sub> systems. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 33, 197-200	6.3	32
249	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> , <b>2016</b> , 34, 130-138	6.3	98
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246	Photodegradation of Erythromycin antibiotic by $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> nanocomposite: Response surface methodology modeling and optimization. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 214, 378-383	6	60
245	Sensitive determination of citrinin based on molecular imprinted electrochemical sensor. <i>Applied Surface Science</i> , <b>2016</b> , 362, 315-322	6.7	121
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240	Sensitive analysis of simazine based on platinum nanoparticles on polyoxometalate/multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 470, 14-21	9.3	114
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238	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> , <b>2016</b> , 216, 387-391	6	37
237	Adsorptive removal of fluoride from aqueous solution using single- and multi-walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 216, 401-410	6	66
236	Synthesis and characterization of ZrO <sub>2</sub> and carbon-doped ZrO <sub>2</sub> nanoparticles for photocatalytic application. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 216, 342-346	6	46
235	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> , <b>2016</b> , 57, 24456-24466		9
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230	Kinetics, equilibrium studies and thermodynamics of methylene blue adsorption on <i>Ephedra strobilacea</i> saw dust and modified using phosphoric acid and zinc chloride. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 208-218	6	87
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227	Synthesis and characteristics of polyaniline/zirconium oxide conductive nanocomposite for dye adsorption application. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 494-498	6	67
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221	Biosorption of malachite green by novel biosorbent <i>Yarrowia lipolytica</i> isf7: Application of response surface methodology. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 214, 249-258	6	69
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217	Modeling of quaternary dyes adsorption onto ZnO/NRAC artificial neural network: Analysis by derivative spectrophotometry. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 34, 186-197	6.3	230
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158	Enhanced removal of methyl orange from aqueous solutions by poly HEMA@chitosan-MWCNT nano-composite. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 202, 189-198	6	154
157	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 207, 216-223	8.5	293
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154	Coulometric differential FFT admittance voltammetry determination of Amlodipine in pharmaceutical formulation by nano-composite electrode. <i>Talanta</i> , <b>2015</b> , 131, 577-84	6.2	29
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148	Selective QCM sensor based on atrazine imprinted polymer: Its application to wastewater sample. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 218, 215-221	8.5	67
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139	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> , <b>2015</b> , 210, 149-157	8.5	216
138	Microwave-assisted removal of malachite green by carboxylate functionalized multi-walled carbon nanotubes: Kinetics and equilibrium study. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 206, 151-158	6	81
137	Experimental study of surfaces of hydrogel polymers HEMA, HEMA/HEMA/MA, and PVA as adsorbent for removal of azo dyes from liquid phase. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 206, 129-136	6	66
136	Adsorptive removal of cadmium(II) ions from liquid phase using acid modified carbon-based adsorbents. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 204, 255-263	6	156
135	A novel colorimetric detection probe for copper(II) ions based on a Schiff base. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 408-417	8.5	85



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133	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> , <b>2015</b> , 5, 18438-18450	3.7	599
132	Nanoparticles as Adsorbent; A Positive Approach for Removal of Noxious Metal Ions: A Review. <i>Science Technology and Development</i> , <b>2015</b> , 34, 195-214		100
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129	A novel electro analytical nanosensor based on graphene oxide/silver nanoparticles for simultaneous determination of quercetin and morin. <i>Electrochimica Acta</i> , <b>2014</b> , 120, 204-211	6.7	354
128	Synthesis, characterization and antibacterial activity of biodegradable starch/PVA composite films reinforced with cellulosic fibre. <i>Carbohydrate Polymers</i> , <b>2014</b> , 109, 171-9	10.3	256
127	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> , <b>2014</b> , 199, 201-209	8.5	18
126	Carbonaceous adsorbent prepared from waste tires: Experimental and computational evaluations of organic dye methyl orange. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 191, 85-91	6	94
125	A novel efficient photocatalyst based on TiO <sub>2</sub> nanoparticles involved boron enrichment waste for photocatalytic degradation of atrazine. <i>Chemical Engineering Journal</i> , <b>2014</b> , 250, 288-294	14.7	120
124	Thiazole Schiff base turn-on fluorescent chemosensor for Al <sup>3+</sup> ion. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 195, 98-108	8.5	375
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116	Adsorptive and photocatalytic removal of reactive dyes by silver nanoparticle-colemanite ore waste. <i>Chemical Engineering Journal</i> , <b>2014</b> , 242, 333-340	14.7	117
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113	Colorimetric sensor for cyanide and acetate ion using novel biologically active hydrazones. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 204, 125-135	8.5	65
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106	Processing methods, characteristics and adsorption behavior of tire derived carbons: a review. <i>Advances in Colloid and Interface Science</i> , <b>2014</b> , 211, 93-101	14.3	579
105	A turn-on fluorescent chemosensor for Zn <sup>2+</sup> ions based on antipyrine schiff base. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 204, 507-514	8.5	72
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102	Determination of amikacin in human plasma by molecular imprinted SPR nanosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 198, 70-76	8.5	65
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99	Adsorptional removal of methylene blue by guar gum-cerium (IV) tungstate hybrid cationic exchanger. <i>Carbohydrate Polymers</i> , <b>2014</b> , 101, 684-91	10.3	49

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97	Fluorescent chemosensors for Zn <sup>2+</sup> ions based on flavonol derivatives. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 202, 674-682	8.5	67
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93	A novel and sensitive electrochemical DNA biosensor based on Fe@Au nanoparticles decorated graphene oxide. <i>Electrochimica Acta</i> , <b>2014</b> , 125, 38-47	6.7	196
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90	A novel electrochemical sensor based on ZnO nanoparticle and ionic liquid binder for square wave voltammetric determination of drosidopa in pharmaceutical and urine samples. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 186, 603-609	8.5	38
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85	Heavy metal resistances and biosorptive behaviors of <i>Paenibacillus polymyxa</i> : Batch and column studies. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 863-869	6.3	20
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53	Batch and bulk removal of hazardous colouring agent Rose Bengal by adsorption techniques using bottom ash as adsorbent. <i>RSC Advances</i> , <b>2012</b> , 2, 8381	3.7	309
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30	Equilibrium and kinetic adsorption study of Basic Yellow 28 and Basic Red 46 by a boron industry waste. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 161, 148-56	12.8	113
29	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> , <b>2009</b> , 337, 345-54	9.3	430
28	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> , <b>2009</b> , 340, 16-26	9.3	556
27	Removal of basic and acid dyes from aqueous solutions by a waste containing boron impurity. <i>Desalination</i> , <b>2009</b> , 249, 109-115	10.3	53

26	Comparative evaluation of Dy(III) selective poly(vinyl) chloride based membrane electrodes of macrocyclic tetraimine Schiff's bases. <i>Talanta</i> , <b>2009</b> , 79, 528-33	6.2	20
25	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). <i>Journal of Hazardous Materials</i> , <b>2008</b> , 151, 821-32	12.8	238
24	Biosorption of lead from aqueous solutions by green algae <i>Spirogyra</i> species: kinetics and equilibrium studies. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 152, 407-14	12.8	437
23	Neutral carriers based polymeric membrane electrodes for selective determination of mercury (II). <i>Analytica Chimica Acta</i> , <b>2007</b> , 590, 81-90	6.6	337
22	Removal of Reactofix golden yellow 3 RFN from aqueous solution using wheat husk--An agricultural waste. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 142, 443-8	12.8	314
21	Removal of acid blue 062 on aqueous solution using calcinated colemanite ore waste. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 146, 171-9	12.8	41
20	Removal of Reactofix Navy Blue 2 GFN from aqueous solutions using adsorption techniques. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 307, 326-32	9.3	47
19	Photochemical degradation of the hazardous dye Safranin-T using TiO <sub>2</sub> catalyst. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 309, 464-9	9.3	360
18	Electrochemical removal of the hazardous dye Reactofix Red 3 BFN from industrial effluents. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 312, 292-6	9.3	254
17	Potentiometric sensor for the high throughput determination of tetramisole hydrochloride. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2007</b> , 10, 583-94	1.3	7
16	Defluoridation of wastewaters using waste carbon slurry. <i>Water Research</i> , <b>2007</b> , 41, 3307-16	12.5	346
15	Nickel(II)-selective sensor based on dibenzo-18-crown-6 in PVC matrix. <i>Talanta</i> , <b>2007</b> , 71, 795-800	6.2	30
14	Ni(2+) selective sensors based on meso-tetrakis-{4-[tris-(4-allyl dimethylsilyl-phenyl)-silyl]-phenyl}porphyrin and (sal)(2)trien in poly(vinyl chloride) matrix. <i>Talanta</i> , <b>2007</b> , 73, 803-11	6.2	30
13	A cobalt(II)-selective PVC membrane based on a Schiff base complex of N,N'-bis(salicylidene)-3,4-diaminotoluene. <i>Analytica Chimica Acta</i> , <b>2006</b> , 566, 5-10	6.6	310
12	A cerium(III) selective polyvinyl chloride membrane sensor based on a Schiff base complex of N,N'-bis[2-(salicylideneamino)ethyl]ethane-1,2-diamine. <i>Analytica Chimica Acta</i> , <b>2006</b> , 575, 198-204	6.6	132
11	PVC-based membranes of N,N'-dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane as Pb(II)-selective sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 120, 259-265	8.5	279
10	Strontium(II) sensor based on a modified calix[6]arene in PVC matrix. <i>Analytical Sciences</i> , <b>2005</b> , 21, 293-61.7		20
9	Removal of lead and chromium from wastewater using bagasse fly ash--a sugar industry waste. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 271, 321-8	9.3	537

8	Adsorption behavior of Hg(II), Pb(II), and Cd(II) from aqueous solution on Duolite C-433: a synthetic resin. <i>Journal of Colloid and Interface Science</i> , <b>2004</b> , 275, 398-402	9.3	183
7	Cu(II) selective sensor based on 5,7,12,14-tetramethyldibenzo[b,i]-1,4,8,11-tetraazacyclotetradecane in PVC matrix. <i>Journal of Applied Electrochemistry</i> , <b>2003</b> , 33, 381-386	2.6	15
6	Equilibrium uptake and sorption dynamics for the removal of a basic dye (basic red) using low-cost adsorbents. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 265, 257-64	9.3	288
5	Chemical sensor for lanthanum(III) determination using aza-crown as ionophore in poly(vinyl chloride) matrix. <i>Analytica Chimica Acta</i> , <b>2003</b> , 486, 199-207	6.6	203
4	Biosorption of chromium(VI) from aqueous solutions by green algae <i>Spirogyra</i> species. <i>Water Research</i> , <b>2001</b> , 35, 4079-85	12.5	437
3	Design parameters for fixed bed reactors of activated carbon developed from fertilizer waste for the removal of some heavy metal ions. <i>Waste Management</i> , <b>1998</b> , 17, 517-522	8.6	399
2	Solar light assisted degradation of oxytetracycline from water using Bi <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> supported graphitic carbon nitride photocatalyst. <i>Water Research</i> , <b>2008</b> , 42, 338-350		26
1	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> , <b>2008</b> , 1-19	1.8	2