

# Sher Bahadar Khan

## 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.

362  
papers

10,887  
citations

60  
h-index

82  
g-index

399  
ext. papers

12,843  
ext. citations

4.6  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
362	Copper Oxide-Antimony Oxide Entrapped Alginate Hydrogel as Efficient Catalyst for Selective Reduction of 2-Nitrophenol.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	2
361	Assessing the potential biological activities of TiO and Cu, Ni and Cr doped TiO nanoparticles.. <i>RSC Advances</i> , <b>2022</b> , 12, 3856-3861	3.7	1
360	Solid-state synthesis of CdFeO binary catalyst for potential application in renewable hydrogen fuel generation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1632	4.9	1
359	Sunlight assisted photocatalytic dye degradation using zinc and iron based mixed metal-oxides nanopowders. <i>Journal of King Saud University - Science</i> , <b>2022</b> , 34, 101841	3.6	1
358	Photocatalytic Degradation of Textile Dye on Blended Cellulose Acetate Membranes.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	3
357	Revisiting the Impact of Morphology and Oxidation State of Cu on CO Reduction Using Electrochemical Flow Cell.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 345-351	6.4	3
356	Photocatalytic degradation of the antibiotic ciprofloxacin in the aqueous solution using Mn/Co oxide photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 4255	2.1	0
355	Green synthesis of manganese-doped superparamagnetic iron oxide nanoparticles for the effective removal of Pb(ii) from aqueous solutions. <i>Green Processing and Synthesis</i> , <b>2022</b> , 11, 287-305	3.9	
354	Efficient fabrication, antibacterial and catalytic performance of Ag-NiO loaded bacterial cellulose paper.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 206, 917-926	7.9	
353	A new biosource for synthesis of activated carbon and its potential use for removal of methylene blue and eriochrome black T from aqueous solutions. <i>Industrial Crops and Products</i> , <b>2022</b> , 179, 114676	5.9	2
352	Highly efficient and recoverable Ag-Cu bimetallic catalyst supported on taro-rhizome powder applied for nitroarenes and dyes reduction. <i>Journal of Materials Research and Technology</i> , <b>2022</b> , 18, 769-787	5.5	1
351	Molecular Engineering of Thienyl Functionalized Ullazines as Hole-Transporting Materials for Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2022</b> , 6, 2100926	7.1	1
350	Metallic nanoparticles decorated chitosan hydrogel wrapped pencil graphite: Effective catalyst for reduction of water pollutants and hydrogen production. <i>Surfaces and Interfaces</i> , <b>2022</b> , 102004	4.1	0
349	Electrochemical Sensing Platform for the Detection and Degradation Studies of Metanil Yellow. <i>Journal of the Electrochemical Society</i> , <b>2022</b> , 169, 056503	3.9	0
348	Enhanced catalytic reduction/degradation of organic pollutants and antimicrobial activity with metallic nanoparticles immobilized on copolymer modified with NaY zeolite films. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 359, 119246	6	2
347	Adsorption efficiency of date palm based activated carbon-alginate membrane for methylene blue.. <i>Chemosphere</i> , <b>2022</b> , 302, 134793	8.4	2
346	Development and evaluation of polyclonal antibodies based antigen capture ELISA for detection of porcine rotavirus.. <i>Animal Biotechnology</i> , <b>2022</b> , 1-8	1.4	

345	A designed miniature sensor for the trace level detection and degradation studies of the toxic dye Rhodamine B. <i>RSC Advances</i> , <b>2022</b> , 12, 15658-15669	3.7	2
344	Synthesis and Characterization of Blended Cellulose Acetate Membranes.. <i>Polymers</i> , <b>2021</b> , 14,	4.5	4
343	Phenolic water toxins: redox mechanism and method of their detection in water and wastewater.. <i>RSC Advances</i> , <b>2021</b> , 11, 35783-35795	3.7	2
342	Alginate biopolymer as a reactor container for copper oxide-tin oxide: Efficient nanocatalyst for reduction of different pollutants. <i>Chemosphere</i> , <b>2021</b> , 132811	8.4	0
341	Alginate/Banana Waste Beads Supported Metal Nanoparticles for Efficient Water Remediation. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
340	Metal nanoparticles supported chitosan coated carboxymethyl cellulose beads as a catalyst for the selective removal of 4-nitrophenol. <i>Chemosphere</i> , <b>2021</b> , 291, 133010	8.4	2
339	Constructing two-dimensional heterojunction through decorating covalent organic framework with MoS <sub>2</sub> for enhanced photoelectrochemical water oxidation. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106900	6.8	0
338	Fabrication of WO <sub>3</sub> based nanocomposites for the excellent photocatalytic energy production under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> ,	6.7	3
337	Synthesis and catalytic evaluation of silver@nickel oxide and alginate biopolymer nanocomposite hydrogel beads. <i>Cellulose</i> , <b>2021</b> , 28, 11299	5.5	3
336	Reduction of nitrophenol isomers and degradation of azo dyes through zero-valent Ni nanoparticles anchored on cellulose acetate coated Ce/Zr composite. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 44, 102383	6.7	3
335	Super adsorption performance of carboxymethyl cellulose/copper oxide-nickel oxide nanocomposite toward the removal of organic and inorganic pollutants. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 38476-38496	5.1	2
334	Biomass impregnated zero-valent Ag and Cu supported-catalyst: Evaluation in the reduction of nitrophenol and discoloration of dyes in aqueous medium. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 938, 121756	2.3	9
333	Synthesis of zero-valent Au nanoparticles on chitosan coated NiAl layered double hydroxide microspheres for the discoloration of dyes in aqueous medium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 250, 119370	4.4	5
332	Eggshell membranes coated chitosan decorated with metal nanoparticles for the catalytic reduction of organic contaminates. <i>Carbohydrate Polymers</i> , <b>2021</b> , 259, 117681	10.3	4
331	RECENT AND FUTURE PROSPECTIVE OF VARIOUS PHOTO-CATALYSTS FOR ENVIRONMENTAL POLLUTION AND ENERGY PRODUCTION: A REVIEW. <i>Surface Review and Letters</i> , <b>2021</b> , 28, 2130002	1.1	1
330	Effect of short time ball milling on physicochemical and adsorption performance of activated carbon prepared from mangosteen peel waste. <i>Renewable Energy</i> , <b>2021</b> , 168, 723-733	8.1	12
329	Zn/Fe nanocomposite based efficient electrochemical sensor for the simultaneous detection of metal ions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2021</b> , 130, 114671	3	6
328	Chitosan coated NiAl layered double hydroxide microsphere templated zero-valent metal NPs for environmental remediation. <i>Journal of Cleaner Production</i> , <b>2021</b> , 285, 124830	10.3	21

327	Iron doped nanocomposites based efficient catalyst for hydrogen production and reduction of organic pollutant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 608, 125502	5.1	9
326	Carboxymethyl cellulose nanocomposite beads as super-efficient catalyst for the reduction of organic and inorganic pollutants. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 101-116	7.9	15
325	Selective separation of tungsten from the model and industrial effluents through supported liquid membrane. <i>Chemical Papers</i> , <b>2021</b> , 75, 553-563	1.9	5
324	Bimetallic cobalt-iron diselenide nanorod modified glassy carbon electrode: an electrochemical sensing platform for the selective detection of isoniazid.. <i>RSC Advances</i> , <b>2021</b> , 11, 12649-12657	3.7	1
323	Copper oxide doped composite nanospheres decorated graphite pencil toward efficient hydrogen evolution electrocatalysis. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 335, 116084	6	4
322	Photo-degradation, Thermodynamic and Kinetic study of Carcinogenic Dyes via Zinc Oxide/Graphene oxide Nanocomposites. <i>Journal of Materials Research and Technology</i> , <b>2021</b> ,	5.5	2
321	Potential application of Allium Cepa seeds as a novel biosorbent for efficient biosorption of heavy metals ions from aqueous solution. <i>Chemosphere</i> , <b>2021</b> , 279, 130545	8.4	19
320	Design of efficient solar photocatalytic system for hydrogen production and degradation of environmental pollutant. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 14, 2497-2512	5.5	2
319	Modification of cellulose filter paper with bimetal nanoparticles for catalytic reduction of nitroaromatics in water. <i>Cellulose</i> , <b>2021</b> , 28, 11067	5.5	1
318	Development of alginate@tin oxide-cobalt oxide nanocomposite based catalyst for the treatment of wastewater. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 187, 386-398	7.9	5
317	Structural, optical and photocatalytic properties of silver-doped magnesia: computational and experimental study. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 339, 117176	6	1
316	Sodium alginate nanocomposite based efficient system for the removal of organic and inorganic pollutants from wastewater. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 191, 243-254	7.9	3
315	Preparation of sludge biochar rich in carboxyl/hydroxyl groups by quenching process and its excellent adsorption performance for Cr(VI). <i>Chemosphere</i> , <b>2021</b> , 285, 131439	8.4	10
314	Cation optimization for burn-in loss-free perovskite solar devices. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5374-5380	13	2
313	Draft genome sequence of a multidrug-resistant emerging pathogenic isolate of from the Red Sea. <i>New Microbes and New Infections</i> , <b>2020</b> , 38, 100804	4.1	1
312	Polymer supported metallic nanoparticles as a solid catalyst for the removal of organic pollutants. <i>Cellulose</i> , <b>2020</b> , 27, 5907-5921	5.5	15
311	Cellulose acetate-Ce/Zr@Cu catalyst for the degradation of organic pollutant. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 153, 806-816	7.9	23
310	Design of simple and efficient metal nanoparticles templated on ZnO-chitosan coated textile cotton towards the catalytic reduction of organic pollutants. <i>Journal of Industrial Textiles</i> , <b>2020</b> , 152808372093148	16.6	148

309	Synthesis, Characterization, and Multifunctional Applications of Cu-Fe and Ni-Fe Nanomaterials. <i>ACS Omega</i> , <b>2020</b> , 5, 15992-16002	3.9	4
308	Applications of Nanocomposites in Humidity Sensors and Solar Cells. <i>Current Nanoscience</i> , <b>2020</b> , 16, 504-506	4.6	1
307	A template of cellulose acetate polymer-ZnAl/C layered double hydroxide composite fabricated with Ni NPs: Applications in the hydrogenation of nitrophenols and dyes degradation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 241, 118671	4.4	17
306	Catalytic Application of Silver Nanoparticles in Chitosan Hydrogel Prepared by a Facile Method. <i>Journal of Polymers and the Environment</i> , <b>2020</b> , 28, 962-972	4.5	14
305	Metal oxides nanomaterials for the photocatalytic mineralization of toxic water wastes under solar light illumination. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 34, 101138	6.7	13
304	AgNi and AlNi nanoparticles for resistive response of humidity and photocatalytic degradation of Methyl Orange dye. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 244, 122748	4.4	15
303	Mechanical and radiation shielding properties of tellurite glasses doped with ZnO and NiO. <i>Ceramics International</i> , <b>2020</b> , 46, 19078-19083	5.1	82
302	MerTK negatively regulates Staphylococcus aureus induced inflammatory response via Toll-like receptor signaling in the mammary gland. <i>Molecular Immunology</i> , <b>2020</b> , 122, 1-12	4.3	1
301	Tripeptide Derivative-Modified Glassy Carbon Electrode: A Novel Electrochemical Sensor for Sensitive and Selective Detection of Cd Ions. <i>ACS Omega</i> , <b>2020</b> , 5, 10123-10132	3.9	14
300	Catalytic performance of the biosynthesized AgNps from <i>Bistorta amplexicaule</i> : antifungal, bactericidal, and reduction of carcinogenic 4-nitrophenol. <i>Green Processing and Synthesis</i> , <b>2020</b> , 9, 259-267	3.9	1
299	Synthesis of biomass-supported CuNi zero-valent nanoparticles through wetness co-impregnation method for the removal of carcinogenic dyes and nitroarene. <i>Green Processing and Synthesis</i> , <b>2020</b> , 9, 237-247	3.9	4
298	Hydrogel: A Promising Material in Pharmaceuticals. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 5892-5908	3.3	1
297	Nanostructured Materials and their Potential as Electrochemical Sensors. <i>Current Nanoscience</i> , <b>2020</b> , 16, 534-543	1.4	1
296	Antimicrobial Activities of Metal Containing Compounds and Hybrids. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 5881-5891	3.3	
295	Metal nanoparticles containing chitosan wrapped cellulose nanocomposites for catalytic hydrogen production and reduction of environmental pollutants. <i>Carbohydrate Polymers</i> , <b>2020</b> , 242, 116286	10.3	23
294	Synthesis of silver and aluminum doped magnetic nanoparticles: New fascinating materials with multipurpose applications. <i>Chemical Physics Letters</i> , <b>2020</b> , 742, 137167	2.5	6
293	Metal nanoparticles supported on polyacrylamide water beads as catalyst for efficient generation of H <sub>2</sub> from NaBH <sub>4</sub> methanolysis. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 1532-1540	6.7	13
292	Lignocellulosic biomass supported metal nanoparticles for the catalytic reduction of organic pollutants. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 823-836	5.1	20

291	Silver Nanoparticles Embedded in Gelatin Biopolymer Hydrogel as Catalyst for Reductive Degradation of Pollutants. <i>Journal of Polymers and the Environment</i> , <b>2020</b> , 28, 399-410	4.5	19
290	A polymeric chlorine dioxide self-releasing sheet to prolong postharvest life of cherry tomatoes. <i>Postharvest Biology and Technology</i> , <b>2020</b> , 161, 111040	6.2	10
289	Metal nanoparticles decorated sodium alginate-carbon nitride composite beads as effective catalyst for the reduction of organic pollutants. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 1087-1098	7.9	24
288	Electrical conductance, dielectric properties and photodegradation ability of aluminum based Heterogeneous nanoparticles. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 254, 123546	4.4	1
287	Polypeptide and copper oxide nanocomposite hydrogel for toxicity elimination of wastewater. <i>Journal of Sol-Gel Science and Technology</i> , <b>2020</b> , 96, 382-394	2.3	3
286	Melia Azedarach impregnated Co and Ni zero-valent metal nanoparticles for organic pollutants degradation: validation of experiments through statistical analysis. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 16938-16950	2.1	4
285	A new antibacterial dibenzofuran-type phloroglucinol from linn. <i>Natural Product Research</i> , <b>2020</b> , 34, 3199-3204	3.2	4
284	A Simple but Efficient Catalytic Approach for the Degradation of Pollutants in Aqueous Media through Cicer arietinum Supported Ni Nanoparticles. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2020</b> , 234, 1789-1802	3.1	5
283	Photovoltaic Performance of Porphyrin-Based Dye-Sensitized Solar Cells with Binary Ionic Liquid Electrolytes. <i>Energy Technology</i> , <b>2020</b> , 8, 2000092	3.5	2
282	Microwave Assisted Synthesis and Carboxymethyl Cellulose Stabilized Copper Nanoparticles on Bacterial Cellulose Nanofibers Support for Pollutants Degradation. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 2867-2877	4.5	35
281	Chitosan coated cellulose cotton fibers as catalyst for the H <sub>2</sub> production from NaBH <sub>4</sub> methanolysis. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 4143-4155	6.7	31
280	Efficient electrochemical detection and extraction of copper ions using ZnSe@CdSe/SiO <sub>2</sub> core-shell nanomaterial. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 73, 118-127	6.3	25
279	Bacterial cellulose as support for biopolymer stabilized catalytic cobalt nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 1162-1170	7.9	54
278	Plant-supported silver nanoparticles: Efficient, economically viable and easily recoverable catalyst for the reduction of organic pollutants. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4971	3.1	20
277	Antibacterial CuO-PES-CA nanocomposite membranes supported Cu <sub>0</sub> nanoparticles for water permeability and reduction of organic pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 10835-10847	2.1	6
276	Phytosynthesis of silver nanoparticles; naked eye cellulose filter paper dual mechanism sensor for mercury ions and ammonia in aqueous solution. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 7367-7383	2.1	20
275	Copper nanoparticles embedded chitosan for efficient detection and reduction of nitroaniline. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 131, 666-675	7.9	34
274	Cobalt oxide nanocomposites and their electrocatalytic behavior for oxygen evolution reaction. <i>Ceramics International</i> , <b>2019</b> , 45, 13340-13346	5.1	13

273	Chitosan-coated polyurethane sponge supported metal nanoparticles for catalytic reduction of organic pollutants. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 772-783	7.9	63
272	Isolation, characterization and DFT studies of epoxy ring containing new withanolides from <i>Withania coagulans</i> Dunal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 217, 113-121	4.4	3
271	Medicago polymorpha-mediated antibacterial silver nanoparticles in the reduction of methyl orange. <i>Green Processing and Synthesis</i> , <b>2019</b> , 8, 118-127	3.9	26
270	Green synthesis of zerovalent copper nanoparticles for efficient reduction of toxic azo dyes congo red and methyl orange. <i>Green Processing and Synthesis</i> , <b>2019</b> , 8, 135-143	3.9	64
269	A Comprehensive Review of Magnetic Nanomaterials Modern Day Theranostics. <i>Frontiers in Materials</i> , <b>2019</b> , 6,	4	112
268	Removal of hexavalent chromium from aqueous solutions using NiBiO <sub>2</sub> nanomaterials. <i>Bulletin of Materials Science</i> , <b>2019</b> , 42, 1	1.7	4
267	Agarose biopolymer coating on polyurethane sponge as host for catalytic silver metal nanoparticles. <i>Polymer Testing</i> , <b>2019</b> , 78, 105983	4.5	35
266	AlBr metal oxides and Al <sub>2</sub> O <sub>3</sub> layered double hydroxides for the removal of Acridine orange dye in visible light exposure. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 15299-15312	2.1	17
265	Electrochemical detection and catalytic removal of 4-nitrophenol using CeO <sub>2</sub> -Cu <sub>2</sub> O and CeO <sub>2</sub> -Cu <sub>2</sub> O/CH nanocomposites. <i>Applied Surface Science</i> , <b>2019</b> , 492, 726-735	6.7	38
264	Aerosol clustering in an urban environment of Beijing during (2005-2017). <i>Atmospheric Environment</i> , <b>2019</b> , 213, 534-547	5.3	4
263	Pollution, Toxicity and Carcinogenicity of Organic Dyes and their Catalytic Bio-Remediation. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3645-3663	3.3	130
262	Hypertensive Retinopathy: A Prognostic Factor for Morbidity and Mortality after Acute ST Elevation Myocardial Infarction. <i>Journal of the College of Physicians and Surgeons--Pakistan: JCPSP</i> , <b>2019</b> , 29, 205-209	0.7	2
261	Impedimetric humidity and temperature sensing properties of chitosan-CuMn <sub>2</sub> O <sub>4</sub> spinel nanocomposite. <i>Ceramics International</i> , <b>2019</b> , 45, 10565-10571	5.1	24
260	A facile synthesis of CuAg nanoparticles on highly porous ZnO/carbon black-cellulose acetate sheets for nitroarene and azo dyes reduction/degradation. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 130, 288-299	7.9	48
259	Biosynthesized silver supported catalysts for disinfection of Escherichia coli and organic pollutant from drinking water. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 281, 295-306	6	18
258	Anionic polysaccharide stabilized nickel nanoparticles-coated bacterial cellulose as a highly efficient dip-catalyst for pollutants reduction. <i>Reactive and Functional Polymers</i> , <b>2019</b> , 145, 104395	4.6	27
257	Amino Acid-Fabricated Glassy Carbon Electrode for Efficient Simultaneous Sensing of Zinc(II), Cadmium(II), Copper(II), and Mercury(II) Ions. <i>ACS Omega</i> , <b>2019</b> , 4, 22057-22068	3.9	21
256	Chitosan nanocomposite fibers supported copper nanoparticles based perceptive sensor and active catalyst for nitrophenol in real water. <i>Carbohydrate Polymers</i> , <b>2019</b> , 207, 650-662	10.3	31

255	Culturomics-Based Taxonomic Diversity of Bacterial Communities in the Hot Springs of Saudi Arabia. <i>OMICS A Journal of Integrative Biology</i> , <b>2019</b> , 23, 17-27	3.8	6
254	Input Selection of Wavelet-Coupled Neural Network Models for Rainfall-Runoff Modelling. <i>Water Resources Management</i> , <b>2019</b> , 33, 955-973	3.7	16
253	A highly efficient and multifunctional biomass supporting Ag, Ni, and Cu nanoparticles through wetness impregnation for environmental remediation. <i>Green Processing and Synthesis</i> , <b>2019</b> , 8, 309-319	3.9	21
252	Isolation, spectroscopic and density functional theory of two withanolide glycosides. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1177, 449-456	3.4	7
251	Electrical conductivity and ion-exchange kinetic studies of polythiophene Sn(VI)phosphate nano composite cation-exchanger. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 1652-1659	5.9	10
250	Association Of Hypertensive Retinopathy With Angiographic Severity Of Coronary Artery Disease Determined By Syntax Score. <i>Journal of Ayub Medical College, Abbottabad: JAMC</i> , <b>2019</b> , 31, 189-191	0.3	2
249	Influence of redox electrolyte on the device performance of phenothiazine based dye sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 9045-9050	3.6	18
248	Chitosan-titanium oxide fibers supported zero-valent nanoparticles: Highly efficient and easily retrievable catalyst for the removal of organic pollutants. <i>Scientific Reports</i> , <b>2018</b> , 8, 6260	4.9	81
247	Room temperature preparation of lignocellulosic biomass supported heterostructure (Cu+Co@OPF) as highly efficient multifunctional nanocatalyst using wetness co-impregnation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 549, 184-195	5.1	22
246	Neodymium cobalt oxide as a chemical sensor. <i>Results in Physics</i> , <b>2018</b> , 8, 578-583	3.7	13
245	Prevalence, quantification and isolation of pathogenic shiga toxin Escherichia coli O157:H7 along the production and supply chain of pork around Hubei Province of China. <i>Microbial Pathogenesis</i> , <b>2018</b> , 115, 93-99	3.8	6
244	Overcoming challenges for amplified expression of recombinant proteins using Escherichia coli. <i>Protein Expression and Purification</i> , <b>2018</b> , 144, 12-18	2	27
243	Enhanced H <sub>2</sub> generation from NaBH <sub>4</sub> hydrolysis and methanolysis by cellulose micro-fibrous cottons as metal templated catalyst. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 6539-6550	6.7	30
242	Albizia chevalier based Ag nanoparticles: Anti-proliferation, bactericidal and pollutants degradation performance. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2018</b> , 182, 62-70	6.7	30
241	Synthesis and characterization of metal nanoparticles templated chitosan-SiO <sub>2</sub> catalyst for the reduction of nitrophenols and dyes. <i>Carbohydrate Polymers</i> , <b>2018</b> , 192, 217-230	10.3	78
240	Green synthesis of plant supported CuAg and CuNi bimetallic nanoparticles in the reduction of nitrophenols and organic dyes for water treatment. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 260, 78-91	6	124
239	Highly efficient removal of acid red-17 and bromophenol blue dyes from industrial wastewater using graphene oxide functionalized magnetic chitosan composite. <i>Polymer Composites</i> , <b>2018</b> , 39, 3317-3328	3	50
238	Performance of cellulose acetate-ferric oxide nanocomposite supported metal catalysts toward the reduction of environmental pollutants. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 107, 668-677	7.9	41



237	Biosynthesis of silver nanoparticles: A colorimetric optical sensor for detection of hexavalent chromium and ammonia in aqueous solution. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2018</b> , 103, 367-376	3	68
236	Controlled release of organic-inorganic nanohybrid: cefadroxil intercalated Zn-Al-layered double hydroxide. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 3203-3222	7.3	15
235	Catalytic reduction of picric acid, nitrophenols and organic azo dyes via green synthesized plant supported Ag nanoparticles. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 268, 87-101	6	96
234	Assessment of cellulose acetate/manganese oxide thin film as adsorbent for selective extraction of flavone. <i>Bulletin of Materials Science</i> , <b>2018</b> , 41, 1	1.7	1
233	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. <i>Journal of Dairy Research</i> , <b>2018</b> , 85, 460-464	1.6	8
232	Cerium oxide-cadmium oxide nanomaterial as efficient extractant for yttrium ions. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 269, 252-259	6	17
231	Physicochemical characterization of Malaysian crop and agro-industrial biomass residues as renewable energy resources. <i>Industrial Crops and Products</i> , <b>2018</b> , 111, 642-650	5.9	54
230	Cellulose acetate-iron oxide nanocomposites for trace detection of fluorene from water samples by solid-phase extraction technique. <i>Separation Science and Technology</i> , <b>2018</b> , 53, 887-895	2.5	7
229	Effect of porous zeolite on temperature-dependent physical properties of polypropylene/octadecane (PP/OD) composite films. <i>EXPRESS Polymer Letters</i> , <b>2018</b> , 12, 658-674	3.4	1
228	Green synthesis of antibacterial bimetallic AgCu nanoparticles for catalytic reduction of persistent organic pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 20840-20855	2.1	27
227	Scanning Electron Microscopy: Principle and Applications in Nanomaterials Characterization <b>2018</b> , 113-145		25
226	Fourier Transform Infrared Spectroscopy: Fundamentals and Application in Functional Groups and Nanomaterials Characterization <b>2018</b> , 317-344		14
225	Phylogenetic grouping and distribution of virulence genes in Escherichia coli along the production and supply chain of pork around Hubei, China. <i>Journal of Microbiology, Immunology and Infection</i> , <b>2017</b> , 50, 382-385	8.5	5
224	Development of PU-TZnO solid-phase extractor for selective detection of mercury in complex matrices. <i>Polymer Composites</i> , <b>2017</b> , 38, 2106-2112	3	3
223	Novel combination of zero-valent Cu and Ag nanoparticles @ cellulose acetate nanocomposite for the reduction of 4-nitro phenol. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 868-877	7.9	84
222	Fe <sub>2</sub> O <sub>3</sub> -Co <sub>3</sub> O <sub>4</sub> nanocomposites based humidity and temperature sensors. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 237, 266-271	6	22
221	Phenotypic and Genotypic Resistance of Salmonella Isolates from Healthy and Diseased Pigs in China During 2008-2015. <i>Microbial Drug Resistance</i> , <b>2017</b> , 23, 651-659	2.9	15
220	Cerium based photocatalysts for the degradation of acridine orange in visible light. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 241, 20-26	6	31

219	Thin layer chitosan-coated cellulose filter paper as substrate for immobilization of catalytic cobalt nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 56-62	7.9	69
218	Assessment of graphene oxide/MgAl oxide nanocomposite as a non-enzymatic sensor for electrochemical quantification of hydrogen peroxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 74, 255-262	5.3	16
217	Visible light activated degradation of organic pollutants using zinc iron selenide. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 229, 429-435	6	57
216	Antibacterial PES-CA-Ag <sub>2</sub> O nanocomposite supported Cu nanoparticles membrane toward ultrafiltration, BSA rejection and reduction of nitrophenol. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 230, 616-624	6	67
215	Association between bacterial strain type and host biomarkers in <i>Clostridium perfringens</i> infected goats. <i>Microbial Pathogenesis</i> , <b>2017</b> , 112, 254-258	3.8	3
214	Anti-bacterial chitosan/zinc phthalocyanine fibers supported metallic and bimetallic nanoparticles for the removal of organic pollutants. <i>Carbohydrate Polymers</i> , <b>2017</b> , 173, 676-689	10.3	79
213	Antiproliferation and antibacterial effect of biosynthesized AgNps from leaves extract of <i>Guiera senegalensis</i> and its catalytic reduction on some persistent organic pollutants. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 175, 99-108	6.7	36
212	Bactericidal and catalytic performance of green nanocomposite based-on chitosan/carbon black fiber supported monometallic and bimetallic nanoparticles. <i>Chemosphere</i> , <b>2017</b> , 188, 588-598	8.4	77
211	Anticancer, antibacterial and pollutant degradation potential of silver nanoparticles from <i>Hyphaene thebaica</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 490, 889-894	3.4	44
210	Influence of Ionic Liquid Electrolytes on the Photovoltaic Performance of Dye-Sensitized Solar Cells. <i>Energy Technology</i> , <b>2017</b> , 5, 321-326	3.5	19
209	Cadmium oxide based efficient electrocatalyst for hydrogen peroxide sensing and water oxidation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 1092-1100	2.1	11
208	Synthesis and catalytic properties of silver nanoparticles supported on porous cellulose acetate sheets and wet-spun fibers. <i>Carbohydrate Polymers</i> , <b>2017</b> , 157, 294-302	10.3	79
207	Impedimetric humidity sensor based on the use of SnO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> spheres. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 4260-4266	2.1	15
206	Chitosan coated cotton cloth supported zero-valent nanoparticles: Simple but economically viable, efficient and easily retrievable catalysts. <i>Scientific Reports</i> , <b>2017</b> , 7, 16957	4.9	80
205	Bioassay-guided isolation of novel and selective urease inhibitors from <i>Diospyros lotus</i> . <i>Chinese Journal of Natural Medicines</i> , <b>2017</b> , 15, 865-870	2.8	5
204	Effect of Novel Surfactant on the Growth Kinetics of Cobalt Nanoparticles. <i>Tenside, Surfactants, Detergents</i> , <b>2017</b> , 54, 448-452	1	2
203	A multimodal impedimetric sensor for humidity and mechanical pressure using a nanosized SnO-MnO mixed oxide. <i>Mikrochimica Acta</i> , <b>2017</b> , 185, 24	5.8	9
202	Kinetic Behavior of Cobalt Nanoparticles Facilitated by Cationic Surfactant. <i>Chemical Engineering Communications</i> , <b>2016</b> , 203, 446-451	2.2	1

201	Spasmolytic and Ca <sup>++</sup> Channel Blocking Potential of Nepetolide: Isolated from Nepeta Suavis. <i>Natural Product Communications</i> , <b>2016</b> , 11, 1934578X1601100	0.9	
200	Amperometric sensor for ascorbic acid using a gold electrode modified with ZnO@SiO <sub>2</sub> nanospheres. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 8438-8443	3.6	16
199	Antibacterial nanocomposites based on chitosan/Co-MCM as a selective and efficient adsorbent for organic dyes. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 744-51	7.9	88
198	Layered double hydroxide of Cd-Al/C for the Mineralization and De-coloration of Dyes in Solar and Visible Light Exposure. <i>Scientific Reports</i> , <b>2016</b> , 6, 35107	4.9	53
197	Anti-bacterial PES-cellulose composite spheres: dual character toward extraction and catalytic reduction of nitrophenol. <i>RSC Advances</i> , <b>2016</b> , 6, 110077-110090	3.7	67
196	Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Glutamic Acid With Sodium Salt of N-Chloro 4-Methylbenzenesulfonamide in Aqueous Media: A Practical Approach. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 10-18		4
195	Self-Aggregation Phenomenon of Promazine Hydrochloride Under the Influence of Sodium Cholate/Sodium Deoxycholate in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , <b>2016</b> , 37, 450-463	1.5	25
194	Structure and thermal properties of octadecane/expanded graphite composites as shape-stabilized phase change materials. <i>International Journal of Heat and Mass Transfer</i> , <b>2016</b> , 95, 735-741	4.9	65
193	CuO embedded chitosan spheres as antibacterial adsorbent for dyes. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 88, 113-9	7.9	99
192	Electro-catalyst based on cerium doped cobalt oxide for oxygen evolution reaction in electrochemical water splitting. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 5294-5302 <sup>2.1</sup>		36
191	A fascinating combination of Co, Ni and Al nanomaterial for oxygen evolution reaction. <i>Applied Surface Science</i> , <b>2016</b> , 370, 445-451	6.7	53
190	Benzamide sulfonamide derivatives: potent inhibitors of carbonic anhydrase-II. <i>Medicinal Chemistry Research</i> , <b>2016</b> , 25, 438-448	2.2	4
189	Exploration of calcium doped zinc oxide nanoparticles as selective adsorbent for extraction of lead ion. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 19311-19320		25
188	Cellulose Acetate Based Nanocomposites for Biomedical Applications: A Review. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 3007-19	3.3	17
187	Withanolides: Biologically Active Constituents in the Treatment of Alzheimer's Disease. <i>Medicinal Chemistry</i> , <b>2016</b> , 12, 238-56	1.8	11
186	Assessment of Anti-bacterial Ni-Al/chitosan Composite Spheres for Adsorption Assisted Photo-Degradation of Organic Pollutants. <i>Current Nanoscience</i> , <b>2016</b> , 12, 569-575	1.4	56
185	Humidity Sensing Properties of Zinc Oxide-indigo Dye Nanocomposite. <i>Current Nanoscience</i> , <b>2016</b> , 12, 564-568	1.4	2
184	Synthesis and Pressure Sensing Properties of Pristine Zinc Oxide Nanopowder and its Blend with Carbon Nanotubes. <i>Current Nanoscience</i> , <b>2016</b> , 12, 586-591	1.4	5

183	Synthesis and Characterization of Silver Nanoparticles-Filled Polyethersulfone Membranes for Antibacterial and Anti-Biofouling Application. <i>Recent Patents on Nanotechnology</i> , <b>2016</b> , 10, 231-251	1.2	24
182	Recent Development of Chitosan Nanocomposites for Environmental Applications. <i>Recent Patents on Nanotechnology</i> , <b>2016</b> , 10, 181-188	1.2	62
181	Polymer Nanocomposite Membranes for Antifouling Nanofiltration. <i>Recent Patents on Nanotechnology</i> , <b>2016</b> , 10, 189-201	1.2	33
180	Natural polymers supported copper nanoparticles for pollutants degradation. <i>Applied Surface Science</i> , <b>2016</b> , 387, 1154-1161	6.7	94
179	LDPE composite films incorporating ceramic powder emitting far-infrared radiation for advanced food-packaging applications. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	4
178	Preparation and characterization of PES-cobalt nanocomposite membranes with enhanced anti-fouling properties and performances. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 65, 405-419	5.3	24
177	Synthesis of zero-valent Cu nanoparticles in the chitosan coating layer on cellulose microfibrils: evaluation of azo dyes catalytic reduction. <i>Cellulose</i> , <b>2016</b> , 23, 1911-1923	5.5	127
176	Dye adsorption and bactericidal properties of TiO <sub>2</sub> /chitosan coating layer. <i>Carbohydrate Polymers</i> , <b>2016</b> , 148, 153-60	10.3	115
175	Novel synthesis of silver nanoparticles using melon aqueous extract and evaluation of their feeding deterrent activity against housefly <i>Musca domestica</i> . <i>Asian Pacific Journal of Tropical Disease</i> , <b>2016</b> , 6, 311-316		40
174	Fabrication and investigation of cellulose acetate-copper oxide nano-composite based humidity sensors. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 246, 58-65	3.9	28
173	An efficient and easily retrievable dip catalyst based on silver nanoparticles/chitosan-coated cellulose filter paper. <i>Cellulose</i> , <b>2016</b> , 23, 3577-3588	5.5	90
172	Toward the design of ZnAl and ZnCr LDH wrapped in activated carbon for the solar assisted de-coloration of organic dyes. <i>RSC Advances</i> , <b>2016</b> , 6, 83196-83208	3.7	55
171	Electrochemical sensor for H <sub>2</sub> O <sub>2</sub> using a glassy carbon electrode modified with a nanocomposite consisting of graphene oxide, cobalt(III) oxide, horseradish peroxidase and nafion. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 3043-3052	5.8	20
170	LaBn oxide nanocatalyst: Efficient materials for the synthesis of cyclohexanones. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 359-365	6	3
169	Selective extraction and detection of noble metal based on ionic liquid immobilized silica gel surface using ICP-OES. <i>Bulletin of Materials Science</i> , <b>2016</b> , 39, 1011-1019	1.7	5
168	Nickel nanoparticles-chitosan composite coated cellulose filter paper: An efficient and easily recoverable dip-catalyst for pollutants degradation. <i>Environmental Pollution</i> , <b>2016</b> , 218, 625-633	9.3	105
167	Zirconia-based catalyst for the one-pot synthesis of coumarin through Pechmann reaction. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 345	5	18
166	Synthesis of metal oxide composite nanosheets and their pressure sensing properties. <i>Journal of Semiconductors</i> , <b>2015</b> , 36, 023002	2.3	2

165	Synthesis, characterization, and application of AuAg alloy nanoparticles for the sensing of an environmental toxin, pyrene. <i>Journal of Applied Electrochemistry</i> , <b>2015</b> , 45, 463-472	2.6	46
164	Selective extraction and determination of toxic lead based on doped metal oxide nanofiber. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2015</b> , 51, 34-43	5.3	9
163	Photo-thermoelectric cells based on pristine Al <sub>2</sub> O <sub>3</sub> co-doped CdO, CNTs and their single and bi-layer composites with silicone adhesive. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2015</b> , 52, 93-99	5.3	8
162	Organ-specific antioxidant defenses and FT-IR spectroscopy of muscles in Crucian carp ( <i>Carassius auratus gibelio</i> ) exposed to environmental Pb <sup>2+</sup> . <i>Turkish Journal of Biology</i> , <b>2015</b> , 39, 427-437	3.1	6
161	Development of electrochemical sensor based on layered double hydroxide as a marker of environmental toxin. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 30, 234-238	6.3	13
160	Impedimetric sensing of humidity and temperature using CeO <sub>2</sub> /TiO <sub>2</sub> nanoparticles in polymer hosts. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 2019-2026	5.8	33
159	Highly-enhanced water resistant and oxygen barrier properties of cross-linked poly(vinyl alcohol) hybrid films for packaging applications. <i>Progress in Organic Coatings</i> , <b>2015</b> , 85, 68-75	4.8	95
158	Poly(propylene carbonate)/exfoliated graphite nanocomposites: Selective adsorbent for the extraction and detection of gold(III). <i>Bulletin of Materials Science</i> , <b>2015</b> , 38, 327-333	1.7	10
157	Effect of gelatin on micellization and microstructural behavior of amphiphilic amitriptyline hydrochloride drug solution: A detailed study. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 89, 112-122	2.9	30
156	Core-shell cobalt oxide mesoporous silica based efficient electro-catalyst for oxygen evolution. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5561-5569	3.6	32
155	Development of photocatalysts for selective and efficient organic transformations. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 148, 209-222	6.7	32
154	Ultraviolet-curable polyurethane acrylate nanocomposite coatings based on surface-modified calcium carbonate. <i>Progress in Organic Coatings</i> , <b>2015</b> , 85, 22-30	4.8	26
153	Evaluation of cerium doped tin oxide nanoparticles as a sensitive sensor for selective detection and extraction of cobalt. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2015</b> , 70, 203-209	3	16
152	Visible light functioning photocatalyst based on Al <sub>2</sub> O <sub>3</sub> doped Mn <sub>3</sub> O <sub>4</sub> nanomaterial for the degradation of organic toxin. <i>Nanoscale Research Letters</i> , <b>2015</b> , 10, 355	5	26
151	Adsorption and photocatalyst assisted dye removal and bactericidal performance of ZnO/chitosan coating layer. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 584-90	7.9	104
150	Micellization behavior of amphiphilic drug promazine hydrochloride and sodium dodecyl sulfate mixtures at various temperatures: Effect of electrolyte and urea. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 212, 532-543	6	49
149	A microchip based fluoride sensor based on the use of CdO doped ferric oxide nanocubes. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 487-494	5.8	28
148	Water sorption and water-resistance properties of poly(vinyl alcohol)/clay nanocomposite films: Effects of chemical structure and morphology. <i>Polymer Composites</i> , <b>2015</b> , 36, 660-667	3	16

147	Nanohybrid based on antibiotic encapsulated layered double hydroxide as a drug delivery system. <i>Applied Biochemistry and Biotechnology</i> , <b>2015</b> , 175, 1412-28	3.2	13
146	Assessment of antibacterial cellulose nanocomposites for water permeability and salt rejection. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 24, 266-275	6.3	81
145	Development of Polymer Based Nanocomposites as a Marker of Cadmium in Complex Matrices. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-7	3.2	1
144	Spectroscopic Analysis of Au-Cu Alloy Nanoparticles of Various Compositions Synthesized by a Chemical Reduction Method. <i>Advances in Materials Science and Engineering</i> , <b>2015</b> , 2015, 1-8	1.5	9
143	Visible-Light-Induced Copper(I)-Catalyzed Azide-Alkyne Cycloaddition Initiated by Zinc Oxide Semiconductor Nanoparticles. <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 442-444	3	26
142	Physicochemical Properties of Amphiphilic Drug and Anionic Surfactant Mixtures: Experimental and Theoretical Approach. <i>Journal of Dispersion Science and Technology</i> , <b>2015</b> , 36, 521-531	1.5	47
141	Sensitive and fast response ethanol chemical sensor based on as-grown Gd <sub>2</sub> O <sub>3</sub> nanostructures. <i>Journal of Rare Earths</i> , <b>2015</b> , 33, 214-220	3.7	28
140	A SnO <sub>2</sub> -Sb <sub>2</sub> O <sub>3</sub> nanocomposite for selective adsorption of lead ions from water samples prior to their determination by ICP-OES. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 579-588	5.8	29
139	Understanding greater cardiomyocyte functions on aligned compared to random carbon nanofibers in PLGA. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 89-96	7.3	5
138	A computational study of the nonlinear optical properties of carbazole derivatives: theory refines experiment. <i>Theoretical Chemistry Accounts</i> , <b>2014</b> , 133, 1	1.9	30
137	Smart methanol sensor based on silver oxide-doped zinc oxide nanoparticles deposited on microchips. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 553-563	5.8	20
136	A new trypsin inhibitory phthalic acid ester from <i>Heliotropium strigosum</i> . <i>Medicinal Chemistry Research</i> , <b>2014</b> , 23, 2712-2714	2.2	6
135	Semiconductor nanoparticles for photoinitiation of free radical polymerization in aqueous and organic media. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 1500-1507	2.5	44
134	Low dimensional Ni-ZnO nanoparticles as marker of toxic lead ions for environmental remediation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 1071-1078	6.3	31
133	Photoinduced atom transfer radical polymerization using semiconductor nanoparticles. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 454-9	4.8	106
132	Fabrication of non-enzymatic sensor using Co doped ZnO nanoparticles as a marker of H <sub>2</sub> O <sub>2</sub> . <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2014</b> , 62, 21-27	3	31
131	SnO <sub>2</sub> /TiO <sub>2</sub> nanocomposites as new adsorbent for efficient removal of La(III) ions from aqueous solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 1964-1974	5.3	36
130	Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 2278-2286	6.3	31

129	Redox Mechanism and Evaluation of Kinetic and Thermodynamic Parameters of 1,3-Dioxolo[4,5-g]pyrido[2,3-b]quinoxaline Using Electrochemical Techniques. <i>Electroanalysis</i> , <b>2014</b> , 26, 2292-2300	3	23
128	Complexation behavior of mixed monolayer/mixed micelle formation between cationic noble surfactant-nonionic conventional surfactant in the presence of biocompatible polymer. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 199, 495-500	6	5
127	Probing the pH dependent electrochemistry of a novel quinoxaline carboxylic acid derivative at a glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2014</b> , 147, 121-128	6.7	23
126	Exploration of silver oxide nanoparticles as a pointer of lanthanum for environmental applications. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 2770-2776	5.3	24
125	Micellization of Amphiphilic Drug with Pharmaceutical Excipients in Aqueous Electrolytic Solution: Composition, Interaction, and Stability of the Aggregates. <i>Journal of Dispersion Science and Technology</i> , <b>2014</b> , 35, 1588-1598	1.5	5
124	Selective detection of divalent nickel ions based on wet-chemically prepared Cs-doped ZnO nanosheets. <i>Superlattices and Microstructures</i> , <b>2014</b> , 71, 93-104	2.8	6
123	Prediction of the linear and nonlinear optical properties of tetrahydronaphthalone derivatives via long-range corrected hybrid functionals. <i>Molecular Physics</i> , <b>2014</b> , 112, 3165-3172	1.7	19
122	Applied poly(2-methoxy aniline) Sn(II)silicate carbon nanotubes composite: Synthesis, characterization, structure-property relationships and applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 2301-2309	6.3	16
121	Detection of trivalent-iron based on low-dimensional semiconductor metal oxide nanostructures for environmental remediation by ICP-OES technique. <i>Ceramics International</i> , <b>2014</b> , 40, 8445-8453	5.1	2
120	Detailed Electrochemistry of the Environmental Toxin Ethylene Diamine. <i>Journal of the Electrochemical Society</i> , <b>2014</b> , 161, H370-H374	3.9	8
119	Development of efficient chemi-sensor and photo-catalyst based on wet-chemically prepared ZnO nanorods for environmental remediation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 2733-2741	5.3	25
118	Fabrication of smart chemical sensors based on transition-doped-semiconductor nanostructure materials with $\mu$ -chips. <i>PLoS ONE</i> , <b>2014</b> , 9, e85036	3.7	32
117	Detection and monitoring of toxic chemical at ultra trace level by utilizing doped nanomaterial. <i>PLoS ONE</i> , <b>2014</b> , 9, e109423	3.7	11
116	Selective divalent cobalt ions detection using Ag <sub>2</sub> O <sub>3</sub> -ZnO nanocones by ICP-OES method for environmental remediation. <i>PLoS ONE</i> , <b>2014</b> , 9, e114084	3.7	16
115	Greater cardiomyocyte density on aligned compared with random carbon nanofibers in polymer composites. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 5533-9	7.3	8
114	Synthesis, Spectroscopic Characterization and pH Dependent Electrochemical Fate of Two Non-Ionic Surfactants. <i>Journal of the Electrochemical Society</i> , <b>2014</b> , 161, H885-H890	3.9	12
113	Cellulose-lanthanum hydroxide nanocomposite as a selective marker for detection of toxic copper. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 466	5	10
112	Synthesis, Characterization, and Thermal and Proton Conductivity Evaluation of 2,5-Polybenzimidazole Composite Membranes. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-7	3.2	6

111	Efficient solar photocatalyst based on cobalt oxide/iron oxide composite nanofibers for the detoxification of organic pollutants. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 510	5	49
110	Bile Salts Aggregation Behavior at Various Temperatures under the Influence of Amphiphilic Drug Imipramine Hydrochloride in Aqueous Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2014</b> , 228,	3-1	33
109	Polybenzimidazole hybrid membranes as a selective adsorbent of mercury. <i>Composites Part B: Engineering</i> , <b>2014</b> , 56, 392-396	10	20
108	Selective detection of gold(III) ions based on codoped MnO <sub>2</sub> /SnO <sub>2</sub> nanocubes prepared by solution method. <i>Materials Research Bulletin</i> , <b>2014</b> , 51, 287-294	5-1	7
107	Humidity and temperature sensing properties of copper oxide-Si-adhesive nanocomposite. <i>Talanta</i> , <b>2014</b> , 120, 443-9	6.2	39
106	Study of the base-catalysed oxidation of the anti-bacterial and anti-protozoal agent metronidazole by permanganate ion in alkaline medium. <i>Research on Chemical Intermediates</i> , <b>2014</b> , 40, 1703-1714	2.8	3
105	Alumina-coated Ag nanocrystal monolayers as surfaceenhanced Raman spectroscopy platforms for the direct spectroscopic detection of water splitting reaction intermediates. <i>Nano Research</i> , <b>2014</b> , 7, 132-143	10	33
104	Nitrophenol chemi-sensor and active solar photocatalyst based on spinel hetaerolite nanoparticles. <i>PLoS ONE</i> , <b>2014</b> , 9, e85290	3-7	27
103	Temperature gradient measurements by using thermoelectric effect in CNTs-silicone adhesive composite. <i>PLoS ONE</i> , <b>2014</b> , 9, e95287	3-7	13
102	Preparation and properties of poly(urethane acrylate) (PUA) and tetrapod ZnO whisker (TZnO-W) composite films. <i>Polymer International</i> , <b>2013</b> , 62, 257-265	3-3	27
101	Chemo-sensors development based on low-dimensional codoped Mn <sub>2</sub> O <sub>3</sub> -ZnO nanoparticles using flat-silver electrodes. <i>Chemistry Central Journal</i> , <b>2013</b> , 7, 60		50
100	Sol-gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 65, 160-169	2-3	31
99	Nonlinear optical properties of DPO and DMPO: a theoretical and computational study. <i>Theoretical Chemistry Accounts</i> , <b>2013</b> , 132, 1	1-9	21
98	Effect of anionic surfactant sodium dodecyl sulfate on the reaction of hexacyanoferrate(III) oxidation of levothyroxine in aqueous medium: a kinetic and mechanistic approach. <i>Research on Chemical Intermediates</i> , <b>2013</b> , 39, 2379-2389	2-8	3
97	Mixed micellization between amphiphilic drug promethazine hydrochloride and cationic surfactant (conventional as well as gemini). <i>Journal of Molecular Liquids</i> , <b>2013</b> , 177, 19-25	6	60
96	Co <sub>3</sub> O <sub>4</sub> co-doped TiO <sub>2</sub> nanoparticles as a selective marker of lead in aqueous solution. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 2888	3-6	30
95	Selective adsorption and determination of iron(III): Mn <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> composite nanosheets as marker of iron for environmental applications. <i>Applied Surface Science</i> , <b>2013</b> , 282, 46-51	6-7	21
94	Chemical sensor development based on polycrystalline gold electrode embedded low-dimensional Ag <sub>2</sub> O nanoparticles. <i>Electrochimica Acta</i> , <b>2013</b> , 112, 422-430	6-7	61



93	Acetone sensor based on solvothermally prepared ZnO doped with CoO nanorods. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 675-685	5.8	60
92	Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 1774-1780	6.3	20
91	Photochromic and nonlinear optical properties of fulgides: A density functional theory study. <i>Computational and Theoretical Chemistry</i> , <b>2013</b> , 1022, 82-85	2	26
90	Sensitive chemi-sensor for environmental applications as marker of chloroform in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 106, 231-5	4.4	2
89	Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas. <i>Thermochimica Acta</i> , <b>2013</b> , 574, 26-37	2.9	19
88	An assessment of zinc oxide nanosheets as a selective adsorbent for cadmium. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 377	5	65
87	Green material: ecological importance of imperative and sensitive chemi-sensor based on Ag/Ag <sub>2</sub> O <sub>3</sub> /ZnO composite nanorods. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 380	5	11
86	Interaction of the Amphiphilic Drug Amitriptyline Hydrochloride with Gemini and Conventional Surfactants: A Physicochemical Approach. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 1532-1544	1.8	20
85	Preparation and characterization of poly(propylene carbonate)/exfoliated graphite nanocomposite films with improved thermal stability, mechanical properties and barrier properties. <i>Polymer International</i> , <b>2013</b> , 62, 1386-1394	3.3	65
84	Ta <sub>3</sub> N <sub>5</sub> nanowire bundles as visible-light-responsive photoanodes. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 2354-7	4.5	13
83	Highly sensitive and stable phenyl hydrazine chemical sensors based on CuO flower shapes and hollow spheres. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 1098	3.6	63
82	Fuel cell based on novel hyper-branched polybenzimidazole membrane. <i>Macromolecular Research</i> , <b>2013</b> , 21, 35-41	1.9	18
81	Multi-layered mesoporous TiO <sub>2</sub> thin films with large pores and highly crystalline frameworks for efficient photoelectrochemical conversion. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 1591-1599	13	81
80	Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane. <i>Composites Part B: Engineering</i> , <b>2013</b> , 45, 1486-1492	10	75
79	Assessment of long-range corrected functionals for the prediction of non-linear optical properties of organic materials. <i>Chemical Physics Letters</i> , <b>2013</b> , 575, 122-125	2.5	53
78	Selective determination of gold(III) ion using CuO microsheets as a solid phase adsorbent prior by ICP-OES measurement. <i>Talanta</i> , <b>2013</b> , 104, 75-82	6.2	50
77	Synthesis and environmental applications of cellulose/ZrO <sub>2</sub> nanohybrid as a selective adsorbent for nickel ion. <i>Composites Part B: Engineering</i> , <b>2013</b> , 50, 253-258	10	61
76	UV-cured poly(urethane acrylate) composite films containing surface-modified tetrapod ZnO whiskers. <i>Composites Science and Technology</i> , <b>2013</b> , 75, 84-92	8.6	63

75	Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 64, 28-39	2.9	43
74	Mesoporous Co <sub>3</sub> O <sub>4</sub> as an electrocatalyst for water oxidation. <i>Nano Research</i> , <b>2013</b> , 6, 47-54	10	242
73	Growth of Mn <sub>3</sub> O <sub>4</sub> on cellulose matrix: Nanohybrid as a solid phase adsorbent for trivalent chromium. <i>Applied Surface Science</i> , <b>2013</b> , 270, 539-544	6.7	27
72	A new trend on biosensor for neurotransmitter choline/acetylcholine--an overview. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 169, 1927-39	3.2	16
71	Analysis of Mixed Micellar Behavior of Promazine Hydrochloride with Surfactants in Aqueous Medium at Different Temperatures and Compositions. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2013</b> , 130422000214009	2.1	1009
70	Selective detection of toxic Pb(II) ions based on wet-chemically prepared nanosheets integrated CuO/ZnO nanocomposites. <i>Composites Part B: Engineering</i> , <b>2013</b> , 54, 215-223	10	48
69	A facile route to cage-like mesoporous silica coated ZSM-5 combined with Pt immobilization. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 7525	13	29
68	Hierarchical Cu <sub>2</sub> S microsponges constructed from nanosheets for efficient photocatalysis. <i>Small</i> , <b>2013</b> , 9, 2702-8	11	72
67	Investigation of Micellar and Phase Separation Phenomenon of the Amphiphilic Drug Amitriptyline Hydrochloride with Cationic Hydrotropes. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 390-411	1.8	21
66	Chloride ion sensors based on low-dimensional MnO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> nanoparticles fabricated glassy carbon electrodes by simple IV technique. <i>Electrochimica Acta</i> , <b>2013</b> , 103, 143-150	6.7	66
65	Mechanistic investigation of the oxidation of Cefuroxime by hexacyanoferrate(III) in alkaline conditions. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 595-600	6.3	12
64	Crystallographic Studies of Dehydration Phenomenon in Methyl 3-hydroxy-2-methyl-1,1,4-trioxo-1,2,3,4-tetrahydro-1H-benzo[e][1,2]thiazine-3-carboxylate. <i>Journal of Chemical Crystallography</i> , <b>2013</b> , 43, 671-676	0.5	23
63	Aluminium phthalocyanine chloride thin films for temperature sensing. <i>Chinese Physics B</i> , <b>2013</b> , 22, 118101	10.1	16
62	Large-scale Synthesis of Low-dimension Un-doped Iron Oxide Nanoparticles by a Wet-Chemical Method: Efficient Photo-catalyst & Sensitive Chemi-sensor Applications. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 3-13	0.6	4
61	Advanced Aqueous Ammonia Monitoring by Perceptive Chemi-Sensor for Environmental Safety. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 29-34	0.6	
60	Hydrothermally Preparation and Characterization of Un-doped Manganese Oxide Nanostructures: Efficient Photocatalysis and Chemical Sensing Applications. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 22-28	0.6	7
59	Fabrication of Ethanol Chemical Sensors Based on As-Prepared Gd <sub>2</sub> O <sub>3</sub> Nanorods by Facile Hydrothermal Routes. <i>Journal of Colloid Science and Biotechnology</i> , <b>2013</b> , 2, 322-327		7
58	Fabrication of Highly Sensitive Chemi-Sensor and Efficient Photocatalyst Based On ZnO Nanostructured Material. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 38-46	0.6	4

57	Detection of aprepitant drug based on low-dimensional un-doped iron oxide nanoparticles prepared by a solution method. <i>Electrochimica Acta</i> , <b>2012</b> , 75, 164-170	6.7	51
56	Preparation and characterization of UV-cured polyurethane acrylate/ZnO nanocomposite films based on surface modified ZnO. <i>Progress in Organic Coatings</i> , <b>2012</b> , 74, 435-442	4.8	92
55	A thermally and mechanically stable eco-friendly nanocomposite for chemical sensor applications. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 2368	3.6	21
54	Effect of nano-filler dispersion on the thermal, mechanical and water sorption properties of green environmental polymer. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2012</b> , 30, 735-743	3.5	16
53	Fabrication of a methanol chemical sensor based on hydrothermally prepared FeO-doped SnO <sub>2</sub> nanocubes. <i>Talanta</i> , <b>2012</b> , 95, 18-24	6.2	56
52	Electrochemical determination of olmesartan medoxomil using hydrothermally prepared nanoparticles composed SnO <sub>2</sub> -Co <sub>3</sub> O <sub>4</sub> nanocubes in tablet dosage forms. <i>Talanta</i> , <b>2012</b> , 99, 924-31	6.2	66
51	Fabrication of ZnO nanoparticles based sensitive methanol sensor and efficient photocatalyst. <i>Applied Surface Science</i> , <b>2012</b> , 258, 7515-7522	6.7	97
50	Cobalt doped antimony oxide nano-particles based chemical sensor and photo-catalyst for environmental pollutants. <i>Applied Surface Science</i> , <b>2012</b> , 261, 52-58	6.7	54
49	Highly sensitive formaldehyde chemical sensor based on hydrothermally prepared spinel ZnFe <sub>2</sub> O <sub>4</sub> nanorods. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 932-937	8.5	80
48	Selective Iron(III) ion uptake using CuO-TiO <sub>2</sub> nanostructure by inductively coupled plasma-optical emission spectrometry. <i>Chemistry Central Journal</i> , <b>2012</b> , 6, 158		36
47	Electronic Structure, Nonlinear Optical Properties, and Vibrational Analysis of Gemifloxacin by Density Functional Theory. <i>Spectroscopy</i> , <b>2012</b> , 27, 185-206		16
46	Highly sensitive methanol chemical sensor based on undoped silver oxide nanoparticles prepared by a solution method. <i>Mikrochimica Acta</i> , <b>2012</b> , 178, 99-106	5.8	79
45	Fabrication of highly sensitive acetone sensor based on sonochemically prepared as-grown Ag <sub>2</sub> O nanostructures. <i>Chemical Engineering Journal</i> , <b>2012</b> , 192, 122-128	14.7	73
44	Isolation and Structure Determination of Three New Sesquiterpenoids from <i>Achillea millefolium</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2012</b> , 67, 421-425	1	6
43	Fabrication of Highly Sensitive Ethanol Chemical Sensor Based on Sm-Doped Co <sub>3</sub> O <sub>4</sub> Nanokernels by a Hydrothermal Method. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 9503-9510	3.8	116
42	Synthesis, characterizations, photocatalytic and sensing studies of ZnO nanocapsules. <i>Applied Surface Science</i> , <b>2011</b> , 258, 672-677	6.7	81
41	CuO codoped ZnO based nanostructured materials for sensitive chemical sensor applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 1346-51	9.5	139
40	Special susceptible aqueous ammonia chemi-sensor: extended applications of novel UV-curable polyurethane-clay nanohybrid. <i>Talanta</i> , <b>2011</b> , 84, 1005-10	6.2	49

39	Low-temperature growth of ZnO nanoparticles: photocatalyst and acetone sensor. <i>Talanta</i> , <b>2011</b> , 85, 943-9	6.2	144
38	Role of ZnO-CeO <sub>2</sub> Nanostructures as a Photo-catalyst and Chemi-sensor. <i>Journal of Materials Science and Technology</i> , <b>2011</b> , 27, 594-600	9.1	127
37	Studies on Photocatalytic Degradation of Acridine Orange and Chloroform Sensing Using As-Grown Antimony oxide Microstructures. <i>Materials Sciences and Applications</i> , <b>2011</b> , 02, 676-683	0.3	3
36	Fabrication of chloroform sensor based on hydrothermally prepared low-dimensional Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Superlattices and Microstructures</i> , <b>2011</b> , 50, 369-376	2.8	46
35	Exploration of CeO <sub>2</sub> nanoparticles as a chemi-sensor and photo-catalyst for environmental applications. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2987-92	10.2	193
34	Synthesis and characterization of novel UV-curable polyurethane/clay nanohybrid: Influence of organically modified layered silicates on the properties of polyurethane. <i>Progress in Organic Coatings</i> , <b>2011</b> , 71, 36-42	4.8	53
33	Effect of acrylic acid on the physical properties of UV-cured poly(urethane acrylate-co-acrylic acid) films for metal coating. <i>Progress in Organic Coatings</i> , <b>2011</b> , 71, 110-116	4.8	31
32	Ethanol chemi-sensor: Evaluation of structural, optical and sensing properties of CuO nanosheets. <i>Materials Letters</i> , <b>2011</b> , 65, 1400-1403	3.3	105
31	Encapsulation of organic UV ray absorbents into layered double hydroxide for photochemical properties. <i>Materials Letters</i> , <b>2011</b> , 65, 2923-2926	3.3	19
30	Highly sensitive ethanol chemical sensor based on Ni-doped SnO <sub>2</sub> nanostructure materials. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 28, 127-34	11.8	140
29	Smart chemical sensor and active photo-catalyst for environmental pollutants. <i>Chemical Engineering Journal</i> , <b>2011</b> , 173, 178-184	14.7	83
28	Characterization and applications of as-grown Fe <sub>2</sub> O <sub>3</sub> nanoparticles prepared by hydrothermal method. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 3789-3799	2.3	72
27	Synthesis and characterization of novel PPC-silica hybrid with improved thermal, mechanical, and water sorption properties. <i>Macromolecular Research</i> , <b>2011</b> , 19, 876-882	1.9	14
26	Synthesis and characterization of novel UV-Curable PU-Si hybrids: Influence of silica on thermal, mechanical, and water sorption properties of polyurethane acrylates. <i>Macromolecular Research</i> , <b>2011</b> , 19, 1006-1013	1.9	45
25	Preparation of cationic latent initiators containing imidazole group and their effects on the properties of DGEBA epoxy resin. <i>Macromolecular Research</i> , <b>2011</b> , 19, 989-997	1.9	14
24	Preparation and properties of poly(propylene carbonate) and nanosized ZnO composite films for packaging applications. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 122, 1101-1108	2.9	92
23	Bond-based 2D quadratic fingerprints in QSAR studies: virtual and in vitro tyrosinase inhibitory activity elucidation. <i>Chemical Biology and Drug Design</i> , <b>2010</b> , 76, 538-45	2.9	25
22	Tyrosinase inhibitory effect of benzoic acid derivatives and their structure-activity relationships. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2010</b> , 25, 812-7	5.6	8

21	Protective effect of <i>Amphiroa dilatata</i> on ROS induced oxidative damage and MMP expressions in HT1080 cells. <i>Biotechnology and Bioprocess Engineering</i> , <b>2010</b> , 15, 191-198	3.1	26
20	A photoinitiator-free photosensitive polyimide with low dielectric constant. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 117, n/a-n/a	2.9	2
19	Preparation and properties of poly(urethane acrylate) films for ultraviolet-curable coatings. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 118, n/a-n/a	2.9	7
18	2-(2-Methyl-5-nitro-1H-imidazol-1-yl)ethyl 2-nitro-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o548		
17	Prevalence of diabetes mellitus among obese and non-obese patients with coronary artery disease. <i>Journal of Ayub Medical College, Abbottabad: JAMC</i> , <b>2010</b> , 22, 64-7	0.3	
16	Isolation and biochemical characterization of collagens from seaweed pipefish, <i>Syngnathus schlegeli</i> . <i>Biotechnology and Bioprocess Engineering</i> , <b>2009</b> , 14, 436-442	3.1	24
15	Prospective of the cosmeceuticals derived from marine organisms. <i>Biotechnology and Bioprocess Engineering</i> , <b>2008</b> , 13, 511-523	3.1	174
14	Leufolins A and B, potent butyrylcholinesterase-inhibiting flavonoid glucosides from <i>Leucas urticifolia</i> . <i>Molecules</i> , <b>2007</b> , 12, 1447-54	4.8	19
13	Aminolyses of Y-substituted Phenyl 2-Furoates and Cinnamates: Effect of Nonleaving Group Substituent on Reactivity and Mechanism. <i>Bulletin of the Korean Chemical Society</i> , <b>2007</b> , 28, 1353-1357	1.2	2
12	Tyrosinase inhibitory lignans from the methanol extract of the roots of <i>Vitex negundo</i> Linn. and their structure-activity relationship. <i>Phytomedicine</i> , <b>2006</b> , 13, 255-60	6.5	51
11	Structural determination of diterpenes from <i>Daphne genkwa</i> by NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , <b>2006</b> , 44, 1063-6	2.1	14
10	Xanthine oxidase inhibiting flavonol glycoside from <i>Amberboa ramosa</i> . <i>Natural Product Research</i> , <b>2006</b> , 20, 335-9	2.3	11
9	Phenolic constituents from <i>Perovskia atriplicifolia</i> . <i>Natural Product Research</i> , <b>2006</b> , 20, 347-53	2.3	14
8	Tyrosinase inhibitory cycloartane type triterpenoids from the methanol extract of the whole plant of <i>Amberboa ramosa</i> Jafri and their structure-activity relationship. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 938-43	3.4	36
7	Isolation of onosmins A and B, lipoxygenase inhibitors from <i>Onosma hispidum</i> . <i>Chemical and Pharmaceutical Bulletin</i> , <b>2005</b> , 53, 907-10	1.9	13
6	Tyrosinase-inhibitory long-chain esters from <i>Amberboa ramosa</i> . <i>Chemical and Pharmaceutical Bulletin</i> , <b>2005</b> , 53, 86-9	1.9	25
5	Butyrylcholinesterase inhibitory guaianolides from <i>Amberboa ramosa</i> . <i>Archives of Pharmacal Research</i> , <b>2005</b> , 28, 172-6	6.1	17
4	Structure determination of ramosine, a guaianolide, by NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , <b>2004</b> , 42, 1063-5	2.1	7

- 3 Enzyme inhibiting lignans from *Vitex negundo*. *Chemical and Pharmaceutical Bulletin*, **2004**, 52, 1269-72 1.9 60
- 2 Ni<sup>2+</sup>/Al-layered double-hydroxide photocatalyst for the visible light-assisted photodegradation of organic dye pollutants. *Applied Nanoscience (Switzerland)*, 1 3.3 0
- 1 Agar hydrogel supported metal nanoparticles catalyst for pollutants degradation in water 136, 290-298 31