Sher Bahadar Khan

List of Publications by Year
in descending order

391 papers	14,986 citations	13068 68 h-index	35952 97 g-index
399 all docs	399 docs citations	399 times ranked	12723 citing authors

#	Article	IF	Citations
1	Design of simple and efficient metal nanoparticles templated on ZnO-chitosan coated textile cotton towards the catalytic reduction of organic pollutants. Journal of Industrial Textiles, 2022, 51, 1703S-1728S.	1.1	17
2	Alginate biopolymer as a reactor container for copper oxide-tin oxide: Efficient nanocatalyst for reduction of different pollutants. Chemosphere, 2022, 291, 132811.	4.2	7
3	Metal nanoparticles supported chitosan coated carboxymethyl cellulose beads as a catalyst for the selective removal of 4-nitrophenol. Chemosphere, 2022, 291, 133010.	4.2	12
4	Constructing two-dimensional heterojunction through decorating covalent organic framework with MoS2 for enhanced photoelectrochemical water oxidation. Journal of Environmental Chemical Engineering, 2022, 10, 106900.	3.3	6
5	Revisiting the Impact of Morphology and Oxidation State of Cu on CO₂ Reduction Using Electrochemical Flow Cell. Journal of Physical Chemistry Letters, 2022, 13, 345-351.	2.1	13
6	Photocatalytic degradation of the antibiotic ciprofloxacin in the aqueous solution using Mn/Co oxide photocatalyst. Journal of Materials Science: Materials in Electronics, 2022, 33, 4255-4267.	1.1	12
7	Copper Oxide-Antimony Oxide Entrapped Alginate Hydrogel as Efficient Catalyst for Selective Reduction of 2-Nitrophenol. Polymers, 2022, 14, 458.	2.0	8
8	Solar Water Splitting Using Earthâ€Abundant Electrocatalysts Driven by Highâ€Efficiency Perovskite Solar Cells. ChemSusChem, 2022, 15, .	3.6	12
9	Microwave-Assisted Green Synthesis of Pure and Mn-Doped ZnO Nanocomposites: In Vitro Antibacterial Assay and Photodegradation of Methylene Blue. Frontiers in Materials, 2022, 8, .	1.2	7
10	Preparation, Characterization, and Biological Features of Cactus Coated Bacterial Cellulose Hydrogels. Gels, 2022, 8, 88.	2.1	3
11	Assessing the potential biological activities of TiO₂ and Cu, Ni and Cr doped TiO₂ nanoparticles. RSC Advances, 2022, 12, 3856-3861.	1.7	4
12	Solid-state synthesis of CdFe2O4 binary catalyst for potential application in renewable hydrogen fuel generation. Scientific Reports, 2022, 12, 1632.	1.6	5
13	Sunlight assisted photocatalytic dye degradation using zinc and iron based mixed metal-oxides nanopowders. Journal of King Saud University - Science, 2022, 34, 101841.	1.6	8
14	Niâ€“Al-layered double-hydroxide photocatalyst for the visible light-assisted photodegradation of organic dye pollutants. Applied Nanoscience (Switzerland), 2022, 12, 3597-3606.	1.6	3
15	Chitosan@Carboxymethylcellulose/CuO-Co2O3 Nanoadsorbent as a Super Catalyst for the Removal of Water Pollutants. Gels, 2022, 8, 91.	2.1	6
16	Photocatalytic Degradation of Textile Dye on Blended Cellulose Acetate Membranes. Polymers, 2022, 14, 636.	2.0	19
17	Synthesis and Characterization of Blended Cellulose Acetate Membranes. Polymers, 2022, 14, 4.	2.0	27
18	Green synthesis of manganese-doped superparamagnetic iron oxide nanoparticles for the effective removal of Pb(ii) from aqueous solutions. Green Processing and Synthesis, 2022, 11, 287-305.	1.3	5

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19	Synthesis of Activated Carbon from Trachycarpus fortunei Seeds for the Removal of Cationic and Anionic Dyes. Materials, 2022, 15, 1986.	1.3	13
20	Emerging Fabrication Strategies of Hydrogels and Its Applications. Gels, 2022, 8, 205.	2.1	19
21	Versatility of Hydrogels: From Synthetic Strategies, Classification, and Properties to Biomedical Applications. Gels, 2022, 8, 167.	2.1	75
22	Efficient fabrication, antibacterial and catalytic performance of Ag-NiO loaded bacterial cellulose paper. International Journal of Biological Macromolecules, 2022, 206, 917-926.	3.6	5
23	A new biosource for synthesis of activated carbon and its potential use for removal of methylene blue and eriochrome black T from aqueous solutions. Industrial Crops and Products, 2022, 179, 114676.	2.5	25
24	Highly efficient and recoverable Ag-Cu bimetallic catalyst supported on taro-rhizomeÂpowder applied for nitroarenes and dyes reduction. Journal of Materials Research and Technology, 2022, 18, 769-787.	2.6	16
25	Nanoarchitectured Cu based catalysts supported on alginate/glycyl leucine hybrid beads for tainted water treatment. International Journal of Biological Macromolecules, 2022, 208, 56-69.	3.6	2
26	Greenâ€Chemistryâ€Inspired Synthesis of Cyclobutaneâ€Based Holeâ€Selective Materials for Highly Efficient Perovskite Solar Cells and Modules. Angewandte Chemie - International Edition, 2022, 61, .	7.2	23
27	Molecular Engineering of Thienyl Functionalized Ullazines as Holeâ€Transporting Materials for Perovskite Solar Cells. Solar Rrl, 2022, 6, .	3.1	5
28	Selective adsorption of iron(III) ions based on nickel(II) oxide-copper(II) oxide nanoparticles. Current Analytical Chemistry, 2022, 18, .	0.6	0
29	Metallic nanoparticles decorated chitosan hydrogel wrapped pencil graphite: Effective catalyst for reduction of water pollutants and hydrogen production. Surfaces and Interfaces, 2022, 31, 102004.	1.5	5
30	Electrochemical Sensing Platform for the Detection and Degradation Studies of Metanil Yellow. Journal of the Electrochemical Society, 2022, 169, 056503.	1.3	3
31	Enhanced catalytic reduction/degradation of organic pollutants and antimicrobial activity with metallic nanoparticles immobilized on copolymer modified with NaY zeolite films. Journal of Molecular Liquids, 2022, 359, 119246.	2.3	11
32	Adsorption efficiency of date palm based activated carbon-alginate membrane for methylene blue. Chemosphere, 2022, 302, 134793.	4.2	51
33	Development and evaluation of polyclonal antibodies based antigen capture ELISA for detection of porcine rotavirus. Animal Biotechnology, 2022, , 1-8.	0.7	0
34	A designed miniature sensor for the trace level detection and degradation studies of the toxic dye Rhodamine B. RSC Advances, 2022, 12, 15658-15669.	1.7	8
35	Chitosan hydrogel wrapped bimetallic nanoparticles based efficient catalysts for the catalytic removal of organic pollutants and hydrogen production. Applied Organometallic Chemistry, 2022, 36, .	1.7	11
36	Efficient reduction of organic pollutants and H2 generation using bimetallic nanoparticles coated alginate hydrogel beads. Microporous and Mesoporous Materials, 2022, 341, 112065.	2.2	8

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37	Remediation of different dyes from textile effluent using activated carbon synthesized from Buxus Wallichiana. Industrial Crops and Products, 2022, 187, 115267.	2.5	16
38	Chitosan coated NiAl layered double hydroxide microsphere templated zero-valent metal NPs for environmental remediation. Journal of Cleaner Production, 2021, 285, 124830.	4.6	44
39	Iron doped nanocomposites based efficient catalyst for hydrogen production and reduction of organic pollutant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 608, 125502.	2.3	13
40	Carboxymethyl cellulose nanocomposite beads as super-efficient catalyst for the reduction of organic and inorganic pollutants. International Journal of Biological Macromolecules, 2021, 167, 101-116.	3.6	41
41	Selective separation of tungsten from the model and industrial effluents through supported liquid membrane. Chemical Papers, 2021, 75, 553-563.	1.0	8
42	Bimetallic cobaltâ€“iron diselenide nanorod modified glassy carbon electrode: an electrochemical sensing platform for the selective detection of isoniazid. RSC Advances, 2021, 11, 12649-12657.	1.7	6
43	Super adsorption performance of carboxymethyl cellulose/copper oxide-nickel oxide nanocomposite toward the removal of organic and inorganic pollutants. Environmental Science and Pollution Research, 2021, 28, 38476-38496.	2.7	11
44	Biomass impregnated zero-valent Ag and Cu supported-catalyst: Evaluation in the reduction of nitrophenol and discoloration of dyes in aqueous medium. Journal of Organometallic Chemistry, 2021, 938, 121756.	0.8	18
45	Synthesis of zero-valent Au nanoparticles on chitosan coated NiAl layered double hydroxide microspheres for the discoloration of dyes in aqueous medium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 250, 119370.	2.0	8
46	Eggshell membranes coated chitosan decorated with metal nanoparticles for the catalytic reduction of organic contaminates. Carbohydrate Polymers, 2021, 259, 117681.	5.1	9
47	RECENT AND FUTURE PROSPECTIVE OF VARIOUS PHOTO-CATALYSTS FOR ENVIRONMENTAL POLLUTION AND ENERGY PRODUCTION: A REVIEW. Surface Review and Letters, 2021, 28, 2130002.	0.5	2
48	Effect of short time ball milling on physicochemical and adsorption performance of activated carbon prepared from mangosteen peel waste. Renewable Energy, 2021, 168, 723-733.	4.3	23
49	Zn/Fe nanocomposite based efficient electrochemical sensor for the simultaneous detection of metal ions. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 130, 114671.	1.3	17
50	Copper oxide doped composite nanospheres decorated graphite pencil toward efficient hydrogen evolution electrocatalysis. Journal of Molecular Liquids, 2021, 335, 116084.	2.3	8
51	Natural Crude Dye from Cucurbita Pepo Leaves for Dying, Antimicrobial, and Antioxidant Activities. Letters in Organic Chemistry, 2021, 18, 969-976.	0.2	0
52	Photo-degradation, thermodynamic and kinetic study of carcinogenic dyes via zinc oxide/graphene oxide nanocomposites. Journal of Materials Research and Technology, 2021, 15, 3171-3191.	2.6	24
53	Potential application of Allium Cepa seeds as a novel biosorbent for efficient biosorption of heavy metals ions from aqueous solution. Chemosphere, 2021, 279, 130545.	4.2	46
54	Design of efficient solar photocatalytic system for hydrogen production and degradation of environmental pollutant. Journal of Materials Research and Technology, 2021, 14, 2497-2512.	2.6	10

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55	Modification of cellulose filter paper with bimetal nanoparticles for catalytic reduction of nitroaromatics in water. Cellulose, 2021, 28, 11067.	2.4	4
56	Development of alginate@tin oxideâ€“cobalt oxide nanocomposite based catalyst for the treatment of wastewater. International Journal of Biological Macromolecules, 2021, 187, 386-398.	3.6	22
57	Structural, optical and photocatalytic properties of silver-doped magnesia: computational and experimental study. Journal of Molecular Liquids, 2021, 339, 117176.	2.3	4
58	Sodium alginate nanocomposite based efficient system for the removal of organic and inorganic pollutants from wastewater. International Journal of Biological Macromolecules, 2021, 191, 243-254.	3.6	22
59	Preparation of sludge biochar rich in carboxyl/hydroxyl groups by quenching process and its excellent adsorption performance for Cr(VI). Chemosphere, 2021, 285, 131439.	4.2	46
60	Cation optimization for burn-in loss-free perovskite solar devices. Journal of Materials Chemistry A, 2021, 9, 5374-5380.	5.2	6
61	Fabrication of WO3 based nanocomposites for the excellent photocatalytic energy production under visible light irradiation. International Journal of Hydrogen Energy, 2021, 46, 39058-39066.	3.8	13
62	NiCuCoS3 chalcogenide as an efficient electrocatalyst for hydrogen and oxygen evolution. Journal of Materials Research and Technology, 2021, 15, 4826-4837.	2.6	8
63	Synthesis and catalytic evaluation of silver@nickel oxide and alginate biopolymer nanocomposite hydrogel beads. Cellulose, 2021, 28, 11299-11313.	2.4	11
64	Reduction of nitrophenol isomers and degradation of azo dyes through zero-valent Ni nanoparticles anchored on cellulose acetate coated Ce/Zr composite. Journal of Water Process Engineering, 2021, 44, 102383.	2.6	11
65	Phenolic water toxins: redox mechanism and method of their detection in water and wastewater. RSC Advances, 2021, 11, 35783-35795.	1.7	5
66	Alginate/Banana Waste Beads Supported Metal Nanoparticles for Efficient Water Remediation. Polymers, 2021, 13, 4054.	2.0	7
67	A new antibacterial dibenzofuran-type phloroglucinol from myrtus communis linn. Natural Product Research, 2020, 34, 3199-3204.	1.0	8
68	A Simple but Efficient Catalytic Approach for the Degradation of Pollutants in Aqueous Media through Cicer arietinum Supported Ni Nanoparticles. Zeitschrift Fur Physikalische Chemie, 2020, 234, 1789-1802.	1.4	6
69	Metal nanoparticles supported on polyacrylamide water beads as catalyst for efficient generation of H2 from NaBH4 methanolysis. International Journal of Hydrogen Energy, 2020, 45, 1532-1540.	3.8	37
70	Lignocellulosic biomass supported metal nanoparticles for the catalytic reduction of organic pollutants. Environmental Science and Pollution Research, 2020, 27, 823-836.	2.7	36
71	Silver Nanoparticles Embedded in Gelatin Biopolymer Hydrogel as Catalyst for Reductive Degradation of Pollutants. Journal of Polymers and the Environment, 2020, 28, 399-410.	2.4	39
72	A polymeric chlorine dioxide self-releasing sheet to prolong postharvest life of cherry tomatoes. Postharvest Biology and Technology, 2020, 161, 111040.	2.9	21

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73	Metal nanoparticles decorated sodium alginateâ€carbon nitride composite beads as effective catalyst for the reduction of organic pollutants. International Journal of Biological Macromolecules, 2020, 164, 1087-1098.	3.6	49
74	Electrical conductance, dielectric properties and photodegradation ability of aluminum based Heterogeneous nanoparticles. Materials Chemistry and Physics, 2020, 254, 123546.	2.0	2
75	Polypeptide and copper oxide nanocomposite hydrogel for toxicity elimination of wastewater. Journal of Sol-Gel Science and Technology, 2020, 96, 382-394.	1.1	10
76	Melia Azedarach impregnated Co and Ni zero-valent metal nanoparticles for organic pollutants degradation: validation of experiments through statistical analysis. Journal of Materials Science: Materials in Electronics, 2020, 31, 16938-16950.	1.1	9
77	Draft genome sequence of a multidrug-resistant emerging pathogenic isolate of Vibrio alginolyticus from the Red Sea. New Microbes and New Infections, 2020, 38, 100804.	0.8	5
78	Polymer supported metallic nanoparticles as a solid catalyst for the removal of organic pollutants. Cellulose, 2020, 27, 5907-5921.	2.4	36
79	Cellulose acetate-Ce/Zr@Cu0 catalyst for the degradation of organic pollutant. International Journal of Biological Macromolecules, 2020, 153, 806-816.	3.6	45
80	Synthesis, Characterization, and Multifunctional Applications of Cu-Fe and Ni-Fe Nanomaterials. ACS Omega, 2020, 5, 15992-16002.	1.6	6
81	Applications of Nanocomposites in Humidity Sensors and Solar Cells. Current Nanoscience, 2020, 16, 504-506.	0.7	3
82	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 241, 118671.	2.0	27
83	Catalytic Application of Silver Nanoparticles in Chitosan Hydrogel Prepared by a Facile Method. Journal of Polymers and the Environment, 2020, 28, 962-972.	2.4	18
84	Metal oxides nanomaterials for the photocatalytic mineralization of toxic water wastes under solar light illumination. Journal of Water Process Engineering, 2020, 34, 101138.	2.6	17
85	Agâ€“Ni and Alâ€“Ni nanoparticles for resistive response of humidity and photocatalytic degradation of Methyl Orange dye. Materials Chemistry and Physics, 2020, 244, 122748.	2.0	21
86	Mechanical and radiation shielding properties of tellurite glasses doped with ZnO and NiO. Ceramics International, 2020, 46, 19078-19083.	2.3	139
87	MerTK negatively regulates Staphylococcus aureus induced inflammatory response via Toll-like receptor signaling in the mammary gland. Molecular Immunology, 2020, 122, 1-12.	1.0	4
88	Tripeptide Derivative-Modified Glassy Carbon Electrode: A Novel Electrochemical Sensor for Sensitive and Selective Detection of Cd²⁺ Ions. ACS Omega, 2020, 5, 10123-10132.	1.6	23
89	Photovoltaic Performance of Porphyrinâ€Based Dyeâ€Sensitized Solar Cells with Binary Ionic Liquid Electrolytes. Energy Technology, 2020, 8, 2000092.	1.8	5
90	Metal nanoparticles containing chitosan wrapped cellulose nanocomposites for catalytic hydrogen production and reduction of environmental pollutants. Carbohydrate Polymers, 2020, 242, 116286.	5.1	54

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91	Synthesis of silver and aluminum doped magnetic nanoparticles: New fascinating materials with multipurpose applications. Chemical Physics Letters, 2020, 742, 137167.	1.2	9
92	Catalytic performance of the biosynthesized AgNps from Bistorta amplexicaule: antifungal, bactericidal, and reduction of carcinogenic 4-nitrophenol. Green Processing and Synthesis, 2020, 9, 259-267.	1.3	2
93	Synthesis of biomass-supported CuNi zero-valent nanoparticles through wetness co-impregnation method for the removal of carcinogenic dyes and nitroarene. Green Processing and Synthesis, 2020, 9, 237-247.	1.3	5
94	Hydrogel: A Promising Material in Pharmaceutics. Current Pharmaceutical Design, 2020, 26, 5892-5908.	0.9	17
95	Nanostructured Materials and their Potential as Electrochemical Sensors. Current Nanoscience, 2020, 16, 534-543.	0.7	2
96	CELLULOSE ACETATE/COPPER (II) OXIDE NANOCOMPOSITE FOR SELECTIVE DETECTION AND EXTRACTION OF LEAD (II) IONS. Cellulose Chemistry and Technology, 2020, 54, 591-600.	0.5	1
97	Antimicrobial Activities of Metal Containing Compounds and Hybrids. Current Pharmaceutical Design, 2020, 26, 5881-5891.	0.9	1
98	Emerging Materials for Environmental and Pharmaceutical Sectors. Current Pharmaceutical Design, 2020, 26, 5765-5766.	0.9	0
99	Medicago polymorpha-mediated antibacterial silver nanoparticles in the reduction of methyl orange. Green Processing and Synthesis, 2019, 8, 118-127.	1.3	43
100	Green synthesis of zerovalent copper nanoparticles for efficient reduction of toxic azo dyes congo red and methyl orange. Green Processing and Synthesis, 2019, 8, 135-143.	1.3	119
101	Introductory Chapter: Cerium Oxide - Applications and Attributes. , 2019, , .		1
102	Crystal Structure and Electrochemical Properties of 1-(4- bromophenyl)-ferrocene-prop-2-en-1-one and 1-(3-(4- bromophenyl)-5-(ferrocene)-4.5-dihydropyrazol-1-yl) ethenone. International Journal of Electrochemical Science, 2019, , 8355-8370.	0.5	2
103	A Comprehensive Review of Magnetic Nanomaterials Modern Day Theranostics. Frontiers in Materials, 2019, 6, .	1.2	213
104	Removal of hexavalent chromium from aqueous solutions using Niâ€“SiO$$_{2}$$ nanomaterials. Bulletin of Materials Science, 2019, 42, 1.	0.8	7
105	Agarose biopolymer coating on polyurethane sponge as host for catalytic silver metal nanoparticles. Polymer Testing, 2019, 78, 105983.	2.3	53
106	Alâ€“Sr metal oxides and Alâ€“Cd layered double hydroxides for the removal of Acridine orange dye in visible light exposure. Journal of Materials Science: Materials in Electronics, 2019, 30, 15299-15312.	1.1	19
107	Electrochemical detection and catalytic removal of 4-nitrophenol using CeO2-Cu2O and CeO2-Cu2O/CH nanocomposites. Applied Surface Science, 2019, 492, 726-735.	3.1	68
108	Aerosol clustering in an urban environment of Beijing during (2005â€“2017). Atmospheric Environment, 2019, 213, 534-547.	1.9	8

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109	Microwave Assisted Synthesis and Carboxymethyl Cellulose Stabilized Copper Nanoparticles on Bacterial Cellulose Nanofibers Support for Pollutants Degradation. Journal of Polymers and the Environment, 2019, 27, 2867-2877.	2.4	55
110	Chitosan coated cellulose cotton fibers as catalyst for the H2 production from NaBH4 methanolysis. International Journal of Hydrogen Energy, 2019, 44, 4143-4155.	3.8	66
111	Efficient electrochemical detection and extraction of copper ions using ZnSeâ€“CdSe/SiO2 coreâ€“shell nanomaterial. Journal of Industrial and Engineering Chemistry, 2019, 73, 118-127.	2.9	36
112	Bacterial cellulose as support for biopolymer stabilized catalytic cobalt nanoparticles. International Journal of Biological Macromolecules, 2019, 135, 1162-1170.	3.6	83
113	Plantâ€supported silver nanoparticles: Efficient, economically viable and easily recoverable catalyst for the reduction of organic pollutants. Applied Organometallic Chemistry, 2019, 33, e4971.	1.7	40
114	Antibacterial CuO-PES-CA nancomposite membranes supported Cu0 nanoparticles for water permeability and reduction of organic pollutants. Journal of Materials Science: Materials in Electronics, 2019, 30, 10835-10847.	1.1	10
115	Phytosynthesis of silver nanoparticles; naked eye cellulose filter paper dual mechanism sensor for mercury ions and ammonia in aqueous solution. Journal of Materials Science: Materials in Electronics, 2019, 30, 7367-7383.	1.1	33
116	Copper nanoparticles embedded chitosan for efficient detection and reduction of nitroaniline. International Journal of Biological Macromolecules, 2019, 131, 666-675.	3.6	49
117	Cobalt oxide nanocomposites and their electrocatalytic behavior for oxygen evolution reaction. Ceramics International, 2019, 45, 13340-13346.	2.3	17
118	Chitosan-coated polyurethane sponge supported metal nanoparticles for catalytic reduction of organic pollutants. International Journal of Biological Macromolecules, 2019, 132, 772-783.	3.6	94
119	Isolation, characterization and DFT studies of epoxy ring containing new withanolides from Withania coagulans Dunal. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 217, 113-121.	2.0	6
120	Impedimetric humidity and temperature sensing properties of chitosan-CuMn2O4 spinel nanocomposite. Ceramics International, 2019, 45, 10565-10571.	2.3	45
121	A facile synthesis of CuAg nanoparticles on highly porous ZnO/carbon black-cellulose acetate sheets for nitroarene and azo dyes reduction/degradation. International Journal of Biological Macromolecules, 2019, 130, 288-299.	3.6	80
122	Biosynthesized silver supported catalysts for disinfection of Escherichia coli and organic pollutant from drinking water. Journal of Molecular Liquids, 2019, 281, 295-306.	2.3	33
123	Anionic polysaccharide stabilized nickel nanoparticles-coated bacterial cellulose as a highly efficient dip-catalyst for pollutants reduction. Reactive and Functional Polymers, 2019, 145, 104395.	2.0	31
124	Biopolymers and Nanomaterials for Medical and Environmental Applications. Current Pharmaceutical Design, 2019, 25, 3597-3598.	0.9	0
125	Amino Acid-Fabricated Glassy Carbon Electrode for Efficient Simultaneous Sensing of Zinc(II), Cadmium(II), Copper(II), and Mercury(II) Ions. ACS Omega, 2019, 4, 22057-22068.	1.6	39
126	Chitosan nanocomposite fibers supported copper nanoparticles based perceptive sensor and active catalyst for nitrophenol in real water. Carbohydrate Polymers, 2019, 207, 650-662.	5.1	40

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127	Culturomics-Based Taxonomic Diversity of Bacterial Communities in the Hot Springs of Saudi Arabia. OMICS A Journal of Integrative Biology, 2019, 23, 17-27.	1.0	13
128	Input Selection of Wavelet-Coupled Neural Network Models for Rainfall-Runoff Modelling. Water Resources Management, 2019, 33, 955-973.	1.9	21
129	A highly efficient and multifunctional biomass supporting Ag, Ni, and Cu nanoparticles through wetness impregnation for environmental remediation. Green Processing and Synthesis, 2019, 8, 309-319.	1.3	29
130	Isolation, spectroscopic and density functional theory of two withanolide glycosides. Journal of Molecular Structure, 2019, 1177, 449-456.	1.8	9
131	Electrical conductivity and ion-exchange kinetic studies of polythiophene Sn(VI)phosphate nano composite cation-exchanger. Arabian Journal of Chemistry, 2019, 12, 1652-1659.	2.3	10
132	Pollution, Toxicity and Carcinogenicity of Organic Dyes and their Catalytic Bio-Remediation. Current Pharmaceutical Design, 2019, 25, 3645-3663.	0.9	336
133	Hypertensive Retinopathy: A Prognostic Factor for Morbidity and Mortality after Acute ST Elevation Myocardial Infarction. Journal of the College of Physicians and Surgeons--Pakistan: JCPSP, 2019, 29, 205-209.	0.2	3
134	Association Of Hypertensive Retinopathy With Angiographic Severity Of Coronary Artery Disease Determined By Syntax Score. Journal of Ayub Medical College, Abbottabad: JAMC, 2019, 31, 189-191.	0.1	2
135	Influence of redox electrolyte on the device performance of phenothiazine based dye sensitized solar cells. New Journal of Chemistry, 2018, 42, 9045-9050.	1.4	32
136	Chitosan-titanium oxide fibers supported zero-valent nanoparticles: Highly efficient and easily retrievable catalyst for the removal of organic pollutants. Scientific Reports, 2018, 8, 6260.	1.6	123
137	Room temperature preparation of lignocellulosic biomass supported heterostructure (Cu+Co@OPF) as highly efficient multifunctional nanocatalyst using wetness co-impregnation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 549, 184-195.	2.3	31
138	Neodymium cobalt oxide as a chemical sensor. Results in Physics, 2018, 8, 578-583.	2.0	18
139	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. Microbial Pathogenesis, 2018, 115, 93-99.	1.3	9
140	Overcoming challenges for amplified expression of recombinant proteins using Escherichia coli. Protein Expression and Purification, 2018, 144, 12-18.	0.6	49
141	Enhanced H 2 generation from NaBH 4 hydrolysis and methanolysis by cellulose micro-fibrous cottons as metal templated catalyst. International Journal of Hydrogen Energy, 2018, 43, 6539-6550.	3.8	50
142	Albizia chevalier based Ag nanoparticles: Anti-proliferation, bactericidal and pollutants degradation performance. Journal of Photochemistry and Photobiology B: Biology, 2018, 182, 62-70.	1.7	39
143	Synthesis and characterization of metal nanoparticles templated chitosan-SiO2 catalyst for the reduction of nitrophenols and dyes. Carbohydrate Polymers, 2018, 192, 217-230.	5.1	95
144	Green synthesis of plant supported Cu Ag and Cu Ni bimetallic nanoparticles in the reduction of nitrophenols and organic dyes for water treatment. Journal of Molecular Liquids, 2018, 260, 78-91.	2.3	187

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145	Highly efficient removal of acid redâ€17 and bromophenol blue dyes from industrial wastewater using graphene oxide functionalized magnetic chitosan composite. Polymer Composites, 2018, 39, 3317-3328.	2.3	69
146	Performance of cellulose acetate-ferric oxide nanocomposite supported metal catalysts toward the reduction of environmental pollutants. International Journal of Biological Macromolecules, 2018, 107, 668-677.	3.6	53
147	Physicochemical characterization of Malaysian crop and agro-industrial biomass residues as renewable energy resources. Industrial Crops and Products, 2018, 111, 642-650.	2.5	84
148	Cellulose acetate-iron oxide nanocomposites for trace detection of fluorene from water samples by solid-phase extraction technique. Separation Science and Technology, 2018, 53, 887-895.	1.3	10
149	A multimodal impedimetric sensor for humidity and mechanical pressure using a nanosized SnO2-Mn3O4 mixed oxide. Mikrochimica Acta, 2018, 185, 24.	2.5	11
150	Effect of porous zeolite on temperature-dependent physical properties of polypropylene/octadecane (PP/OD) composite films. EXPRESS Polymer Letters, 2018, 12, 658-674.	1.1	2
151	Green synthesis of antibacterial bimetallic Agâ€“Cu nanoparticles for catalytic reduction of persistent organic pollutants. Journal of Materials Science: Materials in Electronics, 2018, 29, 20840-20855.	1.1	44
152	Scanning Electron Microscopy: Principle and Applications in Nanomaterials Characterization. , 2018, , 113-145.		67
153	Fourier Transform Infrared Spectroscopy: Fundamentals and Application in Functional Groups and Nanomaterials Characterization. , 2018, , 317-344.		49
154	Biosynthesis of silver nanoparticles: A colorimetric optical sensor for detection of hexavalent chromium and ammonia in aqueous solution. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 103, 367-376.	1.3	114
155	Controlled release of organic–inorganic nanohybrid:cefadroxil intercalated Zn–Al-layered double hydroxide. International Journal of Nanomedicine, 2018, Volume 13, 3203-3222.	3.3	26
156	Catalytic reduction of picric acid, nitrophenols and organic azo dyes via green synthesized plant supported Ag nanoparticles. Journal of Molecular Liquids, 2018, 268, 87-101.	2.3	156
157	Assessment of cellulose acetate/manganese oxide thin film as adsorbent for selective extraction of flavone. Bulletin of Materials Science, 2018, 41, 1.	0.8	1
158	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. Journal of Dairy Research, 2018, 85, 460-464.	0.7	15
159	Cerium oxideâ€cadmium oxide nanomaterial as efficient extractant for yttrium ions. Journal of Molecular Liquids, 2018, 269, 252-259.	2.3	21
160	Development and Evaluation of Clostridium perfringens Type D Toxoid Vaccines. Pakistan Journal of Zoology, 2018, 50, .	0.1	2
161	Phylogenetic grouping and distribution of virulence genes in Escherichia coli along the production and supply chain of pork around Hubei, China. Journal of Microbiology, Immunology and Infection, 2017, 50, 382-385.	1.5	8
162	Development of PUâ€TZnO solidâ€phase extractor for selective detection of mercury in complex matrices. Polymer Composites, 2017, 38, 2106-2112.	2.3	4

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