

# Ali Fakhri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/230519/publications.pdf>

Version: 2024-02-01

102  
papers

4,372  
citations

66234

42  
h-index

143772

57  
g-index

106  
all docs

106  
docs citations

106  
times ranked

3945  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption and thermodynamic study of Cephalosporins antibiotics from aqueous solution onto MgO nanoparticles. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1001-1006.	2.7	125
2	Application of response surface methodology to optimize the adsorption performance of a magnetic graphene oxide nanocomposite adsorbent for removal of methadone from the environment. Journal of Colloid and Interface Science, 2017, 497, 193-200.	5.0	110
3	Investigation of mercury (II) adsorption from aqueous solution onto copper oxide nanoparticles: Optimization using response surface methodology. Chemical Engineering Research and Design, 2015, 93, 1-8.	2.7	107
4	Photocatalytic properties of tungsten trioxide (WO <sub>3</sub> ) nanoparticles for degradation of Lidocaine under visible and sunlight irradiation. Solar Energy, 2015, 112, 163-168.	2.9	106
5	Synthesis, photocatalytic and antimicrobial properties of SnO <sub>2</sub> , SnS <sub>2</sub> and SnO <sub>2</sub> /SnS <sub>2</sub> nanostructure. Journal of Photochemistry and Photobiology B: Biology, 2015, 149, 45-50.	1.7	84
6	Adsorption characteristics of graphene oxide as a solid adsorbent for aniline removal from aqueous solutions: Kinetics, thermodynamics and mechanism studies. Journal of Saudi Chemical Society, 2017, 21, S52-S57.	2.4	81
7	Adsorption of toxic carbamate pesticide oxamyl from liquid phase by newly synthesized and characterized graphene quantum dots nanomaterials. Journal of Colloid and Interface Science, 2016, 478, 430-438.	5.0	80
8	Adsorption and photocatalysis assisted optimization for drug removal by chitosan-glyoxal/Polyvinylpyrrolidone/MoS <sub>2</sub> nanocomposites. International Journal of Biological Macromolecules, 2019, 136, 469-475.	3.6	77
9	Fabrication of Cu <sub>2</sub> MoS <sub>4</sub> decorated WO <sub>3</sub> nano heterojunction embedded on chitosan: Robust photocatalytic efficiency, antibacterial performance, and bacteria detection by peroxidase activity. Journal of Photochemistry and Photobiology B: Biology, 2022, 226, 112354.	1.7	77
10	Comparison studies of adsorption properties of MgO nanoparticles and ZnO/MgO nanocomposites for linezolid antibiotic removal from aqueous solution using response surface methodology. Chemical Engineering Research and Design, 2015, 94, 37-43.	2.7	74
11	Hydrothermal-ultrasonic synthesis of CuO nanorods and CuWO <sub>4</sub> nanoparticles for catalytic reduction, photocatalysis activity, and antibacterial properties. Materials Chemistry and Physics, 2021, 258, 123919.	2.0	73
12	Application of response surface methodology to optimize the process variables for fluoride ion removal using maghemite nanoparticles. Journal of Saudi Chemical Society, 2014, 18, 340-347.	2.4	72
13	Photodegradation of Erythromycin antibiotic by $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> nanocomposite: Response surface methodology modeling and optimization. Journal of Molecular Liquids, 2016, 214, 378-383.	2.3	71
14	Antimicrobial, antioxidant and cytotoxic effect of Molybdenum trioxide nanoparticles and application of this for degradation of ketamine under different light illumination. Journal of Photochemistry and Photobiology B: Biology, 2016, 159, 211-217.	1.7	70
15	Isotherm, thermodynamic, kinetics, and adsorption mechanism studies of Ethidium bromide by single-walled carbon nanotube and carboxylate group functionalized single-walled carbon nanotube. Journal of Colloid and Interface Science, 2013, 395, 224-229.	5.0	69
16	Ag doped Sn <sub>3</sub> O <sub>4</sub> nanostructure and immobilized on hyperbranched polypyrrole for visible light sensitized photocatalytic, antibacterial agent and microbial detection process. Journal of Photochemistry and Photobiology B: Biology, 2022, 228, 112393.	1.7	68
17	Assessment of SnS <sub>2</sub> nanoparticles properties for photocatalytic and antibacterial applications. Solar Energy, 2015, 117, 187-191.	2.9	66
18	Zn doped CdO nanoparticles: Structural, morphological, optical, photocatalytic and anti-bacterial properties. Journal of Colloid and Interface Science, 2017, 504, 164-170.	5.0	66

#	ARTICLE	IF	CITATIONS
19	Fabrication and structural of the Ag <sub>2</sub> S-MgO/graphene oxide nanocomposites with high photocatalysis and antimicrobial activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 207, 111882.	1.7	66
20	Preparation of CuS/polyvinyl alcohol-chitosan nanocomposites with photocatalysis activity and antibacterial behavior against G+/G- bacteria. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 36-41.	3.6	65
21	Production of metal oxides nanoparticles based on poly-alanine/chitosan/reduced graphene oxide for photocatalysis degradation, anti-pathogenic bacterial and antioxidant studies. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1584-1591.	3.6	64
22	Cr <sub>2</sub> O <sub>3</sub> /cellulose hybrid nanocomposites with unique properties: Facile synthesis, photocatalytic, bactericidal and antioxidant application. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111842.	1.7	60
23	Synthesis and characterization of core-shell bimetallic nanoparticles for synergistic antimicrobial effect studies in combination with doxycycline on burn specific pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 21-26.	1.7	58
24	Facile synthesis of gold-silver/copper sulfide nanoparticles for the selective/sensitive detection of chromium, photochemical and bactericidal application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119324.	2.0	58
25	Dynamic adsorption behavior and mechanism of Cefotaxime, Cefradine and Cefazolin antibiotics on CdS-MWCNT nanocomposites. <i>Journal of Molecular Liquids</i> , 2016, 215, 269-275.	2.3	57
26	Preparation, photocatalytic and antibacterial studies on novel doped ferrite nanoparticles: Characterization and mechanism evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 650, 129468.	2.3	57
27	Synthesis and characterization of Ag doped ZnS quantum dots for enhanced photocatalysis of Strychnine as a poison: Charge transfer behavior study by electrochemical impedance and time-resolved photoluminescence spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 95-102.	5.0	56
28	Preparation and characterization of Fe <sub>3</sub> O <sub>4</sub> -Ag <sub>2</sub> O quantum dots decorated cellulose nanofibers as a carrier of anticancer drugs for skin cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 175, 83-88.	1.7	55
29	Preparation, and structural of new NiS-SiO <sub>2</sub> and Cr <sub>2</sub> S <sub>3</sub> -TiO <sub>2</sub> nano-catalyst: Photocatalytic and antimicrobial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 194, 128-134.	1.7	54
30	Degradation of macrolide antibiotics via sono or photo coupled with Fenton methods in the presence of ZnS quantum dots decorated SnO <sub>2</sub> nanosheets. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 24-31.	1.7	52
31	Structural, optical, photoluminescence and antibacterial properties of copper-doped silver sulfide nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 78-83.	1.7	51
32	Biosynthesis of nano bimetallic Ag/Pt alloy from <i>Crocus sativus</i> L. extract: Biological efficacy and catalytic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 112025.	1.7	51
33	Quick and sensitive colorimetric detection of amino acid with functionalized-silver/copper nanoparticles in the presence of cross linker, and bacteria detection by using DNA-template nanoparticles as peroxidase activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120636.	2.0	49
34	Synthesis of MnO <sub>2</sub> /cellulose fiber nanocomposites for rapid adsorption of insecticide compound and optimization by response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 840-846.	3.6	48
35	Ultrasound wave assisted removal of Ceftriaxone sodium in aqueous media with novel nano composite g-C <sub>3</sub> N <sub>4</sub> /MWCNT/Bi <sub>2</sub> WO <sub>6</sub> based on CCD-RSM model. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 104460.	3.8	48
36	Cr <sub>2</sub> S <sub>3</sub> -Co <sub>3</sub> O <sub>4</sub> on polyethylene glycol-chitosan nanocomposites with enhanced ultraviolet light photocatalysis activity, antibacterial and antioxidant studies. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 608-614.	3.6	48

#	ARTICLE	IF	CITATIONS
37	Synthesis, characterization and photocatalytic applications of N-, S-, and C-doped SnO <sub>2</sub> nanoparticles under ultraviolet (UV) light illumination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 563-568.	2.0	47
38	Preparation and characterization of zinc and copper co-doped WO <sub>3</sub> nanoparticles: Application in photocatalysis and photobiology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 217-221.	1.7	47
39	Synthesis and characterization of MnS <sub>2</sub> /reduced graphene oxide nano hybrids for with photocatalytic and antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 259-263.	1.7	46
40	Synthesis of NiS@MoO <sub>3</sub> nanocomposites and decorated on graphene oxides for heterogeneous photocatalysis, antibacterial and antioxidant activities. <i>Ceramics International</i> , 2020, 46, 8379-8384.	2.3	46
41	Synergistic activities of silver indium sulfide/nickel molybdenum sulfide nanostructures anchored on clay mineral for light-driven bactericidal performance, and detection of uric acid from gout patient serum. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112526.	1.7	45
42	Facile colorimetric detection of Hg (II), photocatalytic and antibacterial efficiency based on silver-manganese disulfide/polyvinyl alcohol-chitosan nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4138-4145.	3.6	44
43	Iron doped SnO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> nanocomposites synthesized by sol-gel and precipitation method for metronidazole antibiotic degradation. <i>Materials Science and Engineering C</i> , 2017, 70, 178-183.	3.8	43
44	Preparation and characterization of WS <sub>2</sub> decorated and immobilized on chitosan and polycaprolactone as biodegradable polymers nanofibers: Photocatalysis study and antibiotic-conjugated for antibacterial evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1789-1793.	3.6	42
45	Fabrication of silver phosphate-ilmenite nanocomposites supported on glycol chitosan for visible light-driven degradation, and antimicrobial activities. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 436-442.	3.6	42
46	Preparation of carbon dots-hematite quantum dots-loaded hydroxypropyl cellulose-chitosan nanocomposites for drug delivery, sunlight catalytic and antimicrobial application. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 219, 112201.	1.7	42
47	Synthesis and characterization of Ag <sub>2</sub> S decorated chitosan nanocomposites and chitosan nanofibers for removal of lincosamides antibiotic. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1-7.	3.6	41
48	Sustainable nano-composites polyglutamic acid functionalized Ag/g-C <sub>3</sub> N <sub>4</sub> /SiC for the ultrasensitive colorimetric assay, visible light irradiated photocatalysis and antibacterial efficiency. <i>Optical Materials</i> , 2021, 120, 111452.	1.7	41
49	Manganese disulfide-silicon dioxide nano-material: Synthesis, characterization, photocatalytic, antioxidant and antimicrobial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 198, 111579.	1.7	40
50	Preparation of ceric oxide and cobalt sulfide-ceric oxide/cellulose-chitosan nanocomposites as a novel catalyst for efficient photocatalysis and antimicrobial study. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 952-957.	3.6	40
51	Synthesis and characterization of carbon or/and boron-doped CdS nanoparticles and investigation of optical and photoluminescence properties. <i>Journal of Luminescence</i> , 2015, 160, 233-237.	1.5	39
52	Synthesis and characterization of MnO <sub>2</sub> /NiO nanocomposites for photocatalysis of tetracycline antibiotic and modification with guanidine for carriers of Caffeic acid phenethyl ester-an anticancer drug. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 235-242.	1.7	38
53	Preparation and characterization of TiO <sub>2</sub> nanofibers by hydrothermal method for removal of Benzodiazepines (Diazepam) from liquids as catalytic ozonation and adsorption processes. <i>Journal of Molecular Liquids</i> , 2018, 249, 1033-1038.	2.3	38
54	A strategy of silver Ferrite/Bismuth ferrite nano-hybrids synthesis for synergetic white-light photocatalysis, antibacterial systems and peroxidase-like activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 426, 113756.	2.0	38

#	ARTICLE	IF	CITATIONS
55	Synthesis and structure of iron-copper/hollow magnetic/metal-organic framework/coordination sites in a heterogeneous catalyst for a Fenton-based reaction. <i>Catalysis Science and Technology</i> , 2020, 10, 6687-6693.	2.1	37
56	Evaluation of synergistic effect of polyglycine functionalized gold/iron doped silver iodide for colorimetric detection, photocatalysis, drug delivery and bactericidal applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 422, 113522.	2.0	36
57	Bimetal cobalt-Iron based organic frameworks with coordinated sites as synergistic catalyst for fenton catalysis study and antibacterial efficiency. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125683.	2.3	35
58	Removal of Co(II), Cu(II) and Pb(II) ions by polymer based 2-hydroxyethyl methacrylate: thermodynamics and desorption studies. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2012, 9, 31.	1.8	34
59	Preparation and characterization of MnS <sub>2</sub> /chitosan-sodium alginate and calcium alginate nanocomposites for degradation of analgesic drug: Photocorrosion, mechanical, antimicrobial and antioxidant properties studies. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1494-1500.	3.6	34
60	Synthesis of MnO <sub>2</sub> /CdTiO <sub>3</sub> nanostructure for high performance photocatalysis and antimicrobial application. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5051.	1.7	34
61	Investigation of photocatalytic process for iron disulfide-bismuth oxide nanocomposites by using response surface methodology: Structural and antibacterial properties. <i>Journal of Molecular Liquids</i> , 2019, 289, 110950.	2.3	33
62	Degradation photocatalysis of tetrodotoxin as a poison by gold doped PdO nanoparticles supported on reduced graphene oxide nanocomposites and evaluation of its antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 58-63.	1.7	31
63	Synthesis of Co <sub>3</sub> S <sub>4</sub> -SnO <sub>2</sub> /polyvinylpyrrolidone-cellulose heterojunction as highly performance catalyst for photocatalytic and antimicrobial properties under ultra-violet irradiation. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 220-228.	3.6	31
64	Synthesis of spinel Tin ferrite decorated on Bismuth ferrite nanostructures for synergetic photocatalytic, superior drug delivery, and antibacterial efficiencies. <i>Surfaces and Interfaces</i> , 2021, 27, 101490.	1.5	31
65	Assessment of Ethidium bromide and Ethidium monoazide bromide removal from aqueous matrices by adsorption on cupric oxide nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 386-392.	2.9	30
66	Preparation and development of FeS <sub>2</sub> Quantum Dots on SiO <sub>2</sub> nanostructures immobilized in biopolymers and synthetic polymers as nanoparticles and nanofibers catalyst for antibiotic degradation. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 357-362.	3.6	30
67	Microwave-assisted hydrothermal synthesis and adsorption properties of carbon nanofibers for methamphetamine removal from aqueous solution using a response surface methodology. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 41, 158-164.	2.9	27
68	Pt nanoparticles decorated WO <sub>3</sub> -MWCNTs nanocomposites: Preparation, characterization, and adsorption behavior. <i>Journal of Molecular Liquids</i> , 2017, 229, 514-519.	2.3	27
69	Palladium oxide nanoparticles supported on reduced graphene oxide and gold doped: Preparation, characterization and electrochemical study of supercapacitor electrode. <i>Journal of Molecular Liquids</i> , 2018, 249, 61-65.	2.3	27
70	Synthesis and characterization of Sb <sub>2</sub> S <sub>3</sub> -CeO <sub>2</sub> /chitosan-starch as a heterojunction catalyst for photo-degradation of toxic herbicide compound: Optical, photo-reusable, antibacterial and antifungal performances. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 2108-2112.	3.6	27
71	Microwave-assisted photocatalysis of neurotoxin compounds using metal oxides quantum dots/nanosheets composites: Photocorrosion inhibition, reusability and antibacterial activity studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 108-114.	1.7	26
72	Synthesis and characterization of Cr <sub>2</sub> S <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> nanocomposites: photocatalytic, quenching, repeatability, and antibacterial performances. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 13067-13075.	1.1	26

#	ARTICLE	IF	CITATIONS
73	Fabrication and structural of gold/cerium nanoparticles on tin disulfide nanostructures and decorated on hyperbranched polyethyleneimine for photocatalysis, reduction, hydrogen production and antifungal activities. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 416, 113316.	2.0	26
74	Co-doping silver and iron on graphitic carbon nitride-carrageenan nanocomposite for the photocatalytic process, rapidly colorimetric detection and antibacterial properties. <i>Surfaces and Interfaces</i> , 2021, 26, 101279.	1.5	26
75	Optimization of toxic biological compound adsorption from aqueous solution onto Silicon and Silicon carbide nanoparticles through response surface methodology. <i>Materials Science and Engineering C</i> , 2017, 77, 1128-1134.	3.8	25
76	Graphene oxides as support for the synthesis of nickel sulfide–indium oxide nanocomposites for photocatalytic, antibacterial and antioxidant performances. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5354.	1.7	25
77	Preparation of Sn/Fe nanoparticles for Cr (III) detection in presence of leucine, photocatalytic and antibacterial activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119592.	2.0	25
78	Synthesis and its characterization of silver sulfide/nickel titanate/chitosan nanocomposites for photocatalysis and water splitting under visible light, and antibacterial studies. <i>Materials Chemistry and Physics</i> , 2021, 272, 124990.	2.0	25
79	Optimization by response surface methodology for vanadium (V) removal from aqueous solutions using PdO-MWCNTs nanocomposites. <i>Journal of Molecular Liquids</i> , 2017, 234, 117-123.	2.3	23
80	Interaction of removal Ethidium Bromide with Carbon Nanotube: Equilibrium and Isotherm studies. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 17.	1.4	22
81	Highly efficient of molybdenum trioxide-cadmium titanate nanocomposites for ultraviolet light photocatalytic and antimicrobial application: Influence of reactive oxygen species. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 75-82.	1.7	22
82	Improved uptake of steroid hormone from aqueous solution using $\hat{1}^3$ -Fe <sub>2</sub> O <sub>3</sub> /NiO nanocomposites. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 61-66.	2.9	21
83	Assessment of silver doped cobalt titanate supported on chitosan-amylopectin nanocomposites in the photocatalysis performance under sunlight irradiation, and antimicrobial activity. <i>Surfaces and Interfaces</i> , 2021, 25, 101191.	1.5	21
84	Synthesis of CdSe quantum dots decorated SnO <sub>2</sub> nanotubes as anode for photo-assisted electrochemical degradation of hydrochlorothiazide: Kinetic process. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 575-582.	5.0	20
85	Facile Synthesis and Characterization of CoS <sub>2</sub> –SiO <sub>2</sub> /Chitosan: The Photocatalysis in Real Samples, and Antimicrobial Evaluation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1119-1129.	1.9	20
86	Photocatalytic performance of novel chromium oxide-silicon dioxide decorated on multi-walled carbon nanotubes and graphene oxide nanocomposites: Preparation, structural, and optimization. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 116, 113723.	1.3	20
87	Sonocatalytic, sonophotocatalytic and photocatalytic degradation of morphine using molybdenum trioxide and molybdenum disulfide nanoparticles photocatalyst. <i>Journal of Molecular Liquids</i> , 2017, 225, 95-100.	2.3	19
88	Microwave-Assisted Synthesis of SiC Nanoparticles for the Efficient Adsorptive Removal of Nitroimidazole Antibiotics from Aqueous Solution. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 205.	1.3	19
89	Design and structural of Sm-doped SbFeO <sub>3</sub> nanopowders and immobilized on poly(ethylene oxide) for efficient photocatalysis and hydrogen generation under visible light irradiation. <i>Surfaces and Interfaces</i> , 2021, 26, 101292.	1.5	19
90	Adsorption and photocatalysis efficiency of magnetite quantum dots anchored tin dioxide nanofibers for removal of mutagenic compound: Toxicity evaluation and antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 204-209.	1.7	18



#	ARTICLE	IF	CITATIONS
91	Synthesis, photocatalytic, optical, electronic and biological properties of the CoS <sub>2</sub> @CuS on cellulose nanocomposites as novel nano catalyst by a sonochemical technology. Journal of Materials Science: Materials in Electronics, 2018, 29, 18531-18539.	1.1	18
92	Removal of ethidium bromide by carbon nanotube in aqueous solution: isotherms, equilibrium mechanism studies, and its comparison with nanoscale of zero valent iron as adsorbent. Journal of Nanostructure in Chemistry, 2013, 3, 1.	5.3	17
93	Ultrasound-assisted photodegradation of Alprazolam in aqueous media using a novel high performance nanocomposite hybridization g-C <sub>3</sub> N <sub>4</sub> /MWCNT/ZnO. Catalysis Today, 2019, 335, 582-590.	2.2	17
94	Synthesis, structural and morphological characteristics of NiO nanoparticles Co-doped with boron and nitrogen. Journal of Molecular Liquids, 2016, 213, 326-331.	2.3	16
95	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> and CdTe quantum dots anchored SnO <sub>2</sub> nanofibers and SnO <sub>2</sub> nanospheres for degradation and removal of two carcinogen substance. Journal of Materials Science: Materials in Electronics, 2017, 28, 16484-16492.	1.1	16
96	Evaluation of photocatalytic performance for novel Cr <sub>2</sub> S <sub>3</sub> @SiO <sub>2</sub> nano-catalyst: optimization, quenching, antimicrobial studies. Materials Research Express, 2019, 6, 105909.	0.8	16
97	RAD51 polymorphisms and breast cancer risk. Molecular Biology Reports, 2013, 40, 665-668.	1.0	14
98	Ultraviolet/ultrasound-activated persulfate for degradation of drug by zinc selenide quantum dots: Catalysis and microbiology study. Journal of Photochemistry and Photobiology B: Biology, 2017, 170, 304-308.	1.7	10
99	Utilization of tungsten trioxide nanoparticles and nickel oxide pillared montmorillonite nanocomposites for the adsorption of the drug dexamethasone from aqueous solutions. RSC Advances, 2015, 5, 22199-22208.	1.7	9
100	Feather duster liked CeO <sub>2</sub> as efficient adsorber host material for advanced lithium-sulfur batteries. Journal of Alloys and Compounds, 2020, 823, 153743.	2.8	9
101	Adsorption of 4-Chloro-2-Nitrophenol by Zero Valent Iron Nanoparticles and Pd-Doped Zero Valent Iron Nanoparticles Surfaces: Isotherm, Kinetic and Mechanism Modeling. , 2013, 03, .		9
102	Synthesis and characterization of MnS <sub>2</sub> /reduced graphene oxide nanohybrid: an efficient adsorbent for pharmaceutical compound removal. , 0, 68, 236-244.		4