Afshin Maleki

List of Publications by Year
in descending order

130 papers	4,330 citations	94269 37 h-index	133063 59 g-index
134 all docs	134 docs citations	134 times ranked	5781 citing authors

#	Article	IF	Citations
1	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems. Chemical Engineering Journal, 2018, 346, 258-270.	6.6	211
2	Adsorption of hexavalent chromium by metal organic frameworks from aqueous solution. Journal of Industrial and Engineering Chemistry, 2015, 28, 211-216.	2.9	199
3	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	13.7	161
4	Super high removal capacities of heavy metals (Pb 2+ and Cu 2+) using CNT dendrimer. Journal of Hazardous Materials, 2017, 336, 146-157.	6.5	148
5	Amine functionalized multi-walled carbon nanotubes: Single and binary systems for high capacity dye removal. Chemical Engineering Journal, 2017, 313, 826-835.	6.6	134
6	Dendrimerâ€“titania nanocomposite: synthesis and dye-removal capacity. Research on Chemical Intermediates, 2015, 41, 3743-3757.	1.3	117
7	Heavy metal adsorption from industrial wastewater by PAMAM/TiO2 nanohybrid: Preparation, characterization and adsorption studies. Journal of Molecular Liquids, 2016, 224, 95-104.	2.3	108
8	Synthesis and characterization of PAMAM/CNT nanocomposite as a super-capacity adsorbent for heavy metal (Ni2+, Zn2+, As3+, Co2+) removal from wastewater. Journal of Molecular Liquids, 2016, 224, 1032-1040.	2.3	103
9	Sonophotocatalytic degradation of diazinon in aqueous solution using iron-doped TiO2 nanoparticles. Separation and Purification Technology, 2017, 189, 186-192.	3.9	94
10	Concentration, Source, and Potential Human Health Risk of Heavy Metals in the Commonly Consumed Medicinal Plants. Biological Trace Element Research, 2019, 187, 41-50.	1.9	93
11	Synthesis of cationic polymeric adsorbent and dye removal isotherm, kinetic and thermodynamic. Journal of Industrial and Engineering Chemistry, 2014, 20, 2745-2753.	2.9	92
12	Ethyl acrylate grafted chitosan for heavy metal removal from wastewater: Equilibrium, kinetic and thermodynamic studies. Journal of the Taiwan Institute of Chemical Engineers, 2015, 51, 127-134.	2.7	91
13	Photocatalytic degradation of organic dyes using WO3-doped ZnO nanoparticles fixed on a glass surface in aqueous solution. Journal of Industrial and Engineering Chemistry, 2019, 73, 297-305.	2.9	86
14	Cobalt ferrite nanoparticles: Preparation, characterization and anionic dye removal capability. Journal of the Taiwan Institute of Chemical Engineers, 2016, 59, 320-329.	2.7	78
15	Pectin/Chitosan/Tripolyphosphate Nanoparticles: Efficient Carriers for Reducing Soil Sorption, Cytotoxicity, and Mutagenicity of Paraquat and Enhancing Its Herbicide Activity. Journal of Agricultural and Food Chemistry, 2019, 67, 5736-5745.	2.4	76
16	Synthesis of carboxylated chitosan modified with ferromagnetic nanoparticles for adsorptive removal of fluoride, nitrate, and phosphate anions from aqueous solutions. Journal of Molecular Liquids, 2019, 273, 116-124.	2.3	68
17	Effects of doping zinc oxide nanoparticles with transition metals (Ag, Cu, Mn) on photocatalytic degradation of Direct Blue 15 dye under UV and visible light irradiation. Journal of Environmental Health Science & Engineering, 2019, 17, 479-492.	1.4	65
18	Prediction of optimum adsorption isotherm: comparison of chi-square and Log-likelihood statistics. Desalination and Water Treatment, 2012, 49, 81-94.	1.0	64

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19	The nitrate content of fresh and cooked vegetables and their health-related risks. PLoS ONE, 2020, 15, e0227551.	1.1	64
20	Photo-oxidation of phenol in aqueous solution: Toxicity of intermediates. Korean Journal of Chemical Engineering, 2007, 24, 79-82.	1.2	63
21	Elimination of arsenic contamination from water using chemically modified wheat straw. Desalination and Water Treatment, 2013, 51, 2306-2316.	1.0	62
22	Study of photochemical and sonochemical processes efficiency for degradation of dyes in aqueous solution. Korean Journal of Chemical Engineering, 2010, 27, 1805-1810.	1.2	61
23	High-flux ultrafiltration membrane based on electrospun polyacrylonitrile nanofibrous scaffolds for arsenate removal from aqueous solutions. Journal of Colloid and Interface Science, 2017, 506, 564-571.	5.0	59
24	Synthesis and characterization of nanocomposite ultrafiltration membrane (PSF/PVP/SiO2) and performance evaluation for the removal of amoxicillin from aqueous solutions. Environmental Technology and Innovation, 2020, 17, 100529.	3.0	57
25	The photocatalytic removal of diazinon from aqueous solutions using tungsten oxide doped zinc oxide nanoparticles immobilized on glass substrate. Journal of Molecular Liquids, 2020, 297, 111918.	2.3	56
26	Photocatalytic degradation of Amaranth and Brilliant Blue FCF dyes using in situ modified tungsten doped TiO2 hybrid nanoparticles. Catalysis Science and Technology, 2011, 1, 1216.	2.1	50
27	Multi-trace elements level in drinking water and the prevalence of multi-chronic arsenical poisoning in residents in the west area of Iran. Science of the Total Environment, 2010, 408, 1523-1529.	3.9	49
28	Adsorption of organic dyes using copper oxide nanoparticles: isotherm and kinetic studies. Desalination and Water Treatment, 2016, 57, 25278-25287.	1.0	49
29	Spatial distribution of heavy metals in soil, water, and vegetables of farms in Sanandaj, Kurdistan, Iran. Journal of Environmental Health Science & Engineering, 2014, 12, 136.	1.4	48
30	Comparison of ARIMA and NNAR Models for Forecasting Water Treatment Plantâ€™s Influent Characteristics. KSCE Journal of Civil Engineering, 2018, 22, 3233-3245.	0.9	47
31	Adsorption of Pb 2+ , Ni 2+ , Cu 2+ , Co 2+ metal ions from aqueous solution by PPI/SiO 2 as new high performance adsorbent: Preparation, characterization, isotherm, kinetic, thermodynamic studies. Journal of Molecular Liquids, 2017, 237, 428-436.	2.3	46
32	Subjective Mental Workload and Its Correlation With Musculoskeletal Disorders in Bank Staff. Journal of Manipulative and Physiological Therapeutics, 2016, 39, 420-426.	0.4	44
33	Salt-assisted liquidâ€“liquid extraction coupled with reversed-phase dispersive liquidâ€“liquid microextraction for sensitive HPLC determination of paraquat in environmental and food samples. Journal of Food Measurement and Characterization, 2019, 13, 269-276.	1.6	43
34	Application of response surface methodology for optimization of natural organic matter degradation by UV/H2O2 advanced oxidation process. Journal of Environmental Health Science & Engineering, 2014, 12, 67.	1.4	42
35	Photocatalytic Degradation of 2,4-Dichlorophenoxyacetic Acid in Aqueous Solution Using Mn-doped ZnO/Graphene Nanocomposite Under LED Radiation. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 923-934.	1.9	39
36	Hydrothermal Synthesis of Surface-Modified, Manganese-Doped TiO₂ Nanoparticles for Photodegradation of Methylene Blue. Environmental Engineering Science, 2012, 29, 1032-1037.	0.8	38

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37	Photocatalytic degradation of humic substances in aqueous solution using Cu-doped ZnO nanoparticles under natural sunlight irradiation. Environmental Science and Pollution Research, 2015, 22, 16875-16880.	2.7	38
38	A comparative optimization and performance analysis of four different electrocoagulation-flotation processes for humic acid removal from aqueous solutions. Chemical Engineering Research and Design, 2019, 121, 103-117.	2.7	38
39	Isolation and identification of indigenous prokaryotic bacteria from arsenic-contaminated water resources and their impact on arsenic transformation. Ecotoxicology and Environmental Safety, 2017, 140, 170-176.	2.9	37
40	Heavy metals in selected edible vegetables and estimation of their daily intake in Sanandaj, Iran. Southeast Asian Journal of Tropical Medicine and Public Health, 2008, 39, 335-40.	1.0	37
41	Solar degradation of Direct Blue 71 using surface modified iron doped ZnO hybrid nanomaterials. Water Science and Technology, 2012, 65, 1923-1928.	1.2	36
42	Histopathological effects following short-term coexposure of Cyprinus carpio to nanoparticles of TiO2 and CuO. Environmental Monitoring and Assessment, 2016, 188, 575.	1.3	36
43	Evaluation of drinking water quality and non-carcinogenic and carcinogenic risk assessment of heavy metals in rural areas of Kurdistan, Iran. Environmental Technology and Innovation, 2021, 23, 101668.	3.0	34
44	Copper Bioaccumulation and Depuration in Common Carp (Cyprinus carpio) Following Co-exposure to TiO2 and CuO Nanoparticles. Archives of Environmental Contamination and Toxicology, 2016, 71, 541-552.	2.1	33
45	Bacillus flexus strain As-12, a new arsenic transformer bacterium isolated from contaminated water resources. Chemosphere, 2017, 169, 636-641.	4.2	33
46	Biodegradation of Petroleum Hydrocarbons in a Soil Polluted Sample by Oil-Based Drilling Cuttings. Soil and Sediment Contamination, 2014, 23, 586-597.	1.1	32
47	Thermodynamic properties of dye removal from colored textile wastewater by poly(propylene imine) dendrimer. Desalination and Water Treatment, 2015, 56, 97-106.	1.0	32
48	Removal of Disperse Orange 25 usingin situsurface-modified iron-doped TiO₂nanoparticles. Desalination and Water Treatment, 2015, 53, 3615-3622.	1.0	31
49	Evaluation of trace element concentration in cancerous and non-cancerous tissues of human stomach. Chemosphere, 2017, 184, 747-752.	4.2	31
50	Histopathological effects of copper oxide nanoparticles on the gill and intestine of common carp (Cyprinus carpio) in the presence of titanium dioxide nanoparticles. Chemistry and Ecology, 2017, 33, 295-308.	0.6	29
51	Decontamination of arsenic(V)-contained liquid phase utilizing Fe3O4/bone char nanocomposite encapsulated in chitosan biopolymer. Environmental Science and Pollution Research, 2017, 24, 15157-15166.	2.7	26
52	A novel ANN approach for modeling of alternating pulse current electrocoagulation-flotation (APC-ECF) process: Humic acid removal from aqueous media. Chemical Engineering Research and Design, 2018, 117, 111-124.	2.7	26
53	Designing bi-functional silver delafossite bridged graphene oxide interfaces: Insights into synthesis, characterization, photocatalysis and bactericidal efficiency. Chemical Engineering Journal, 2021, 426, 131729.	6.6	26
54	Application of dendrimer/titania nanohybrid for the removal of phenol from contaminated wastewater. Desalination and Water Treatment, 2016, 57, 6809-6819.	1.0	25

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55	Synthesis of immobilized cerium doped ZnO nanoparticles through the mild hydrothermal approach and their application in the photodegradation of synthetic wastewater. Journal of Molecular Liquids, 2019, 280, 230-237.	2.3	25
56	Photosonochemical degradation of phenol in water. Desalination and Water Treatment, 2010, 20, 197-202.	1.0	24
57	Advanced Oxidation of Phenol by Ultraviolet Irradiation in Aqueous System. Pakistan Journal of Biological Sciences, 2006, 9, 2338-2341.	0.2	24
58	Electrochemical Process for Diazinon Removal from Aqueous Media: Design of Experiments, Optimization, and DLLME-GC-FID Method for Diazinon Determination. Arabian Journal for Science and Engineering, 2015, 40, 3041-3046.	1.1	23
59	Photocatalytic degradation of humic substances in the presence of ZnO nanoparticles immobilized on glass plates under ultraviolet irradiation. Separation Science and Technology, 2016, 51, 2484-2489.	1.3	23
60	Adsorptive removal of nickel and lead ions from aqueous solutions by poly (amidoamine) (PAMAM) dendrimers (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Environmental Technology and Innovation, 2018, 12, 261-272.	3.0	23
61	Sonocatalytic and photocatalytic efficiency of transition metal-doped ZnO nanoparticles in the removal of organic dyes from aquatic environments. Korean Journal of Chemical Engineering, 2019, 36, 1360-1370.	1.2	23
62	Application of modified electrospun nanofiber membranes with Î±-Fe2O3 nanoparticles in arsenate removal from aqueous media. Environmental Science and Pollution Research, 2019, 26, 21993-22009.	2.7	23
63	Evaluation of the effect of electrospun nanofibrous membrane on removal of diazinon from aqueous solutions. Reactive and Functional Polymers, 2019, 139, 85-91.	2.0	23
64	Simultaneous removal of arsenate and nitrate from aqueous solutions using micellar-enhanced ultrafiltration process. Journal of Water Process Engineering, 2019, 27, 24-31.	2.6	22
65	Health risk assessment of trace elements in two fish species of Sanandaj Gheshlagh Reservoir, Iran. Toxicology and Environmental Health Sciences, 2015, 7, 43-49.	1.1	21
66	Application of micellar enhanced ultrafiltration (MEUF) for arsenic (v) removal from aqueous solutions and process optimization. Journal of Dispersion Science and Technology, 2017, 38, 1588-1593.	1.3	21
67	Fabrication and characterization of novel polyacrylonitrile/Î±-Fe2O3 ultrafiltration mixed-matrix membranes for nitrate removal from aqueous solutions. Journal of Molecular Liquids, 2018, 271, 557-570.	2.3	21
68	Antibacterial Activities of Phytofabricated ZnO and CuO NPs by Mentha pulegium Leaf/flower Mixture Extract against Antibiotic Resistant Bacteria. Advanced Pharmaceutical Bulletin, 2021, 11, 497-504.	0.6	21
69	Isolation and identification of the native population bacteria for bioremediation of high levels of arsenic from water resources. Journal of Environmental Management, 2018, 212, 39-45.	3.8	20
70	Fabrication of a sensitive electrochemical sensor to environmental pollutant of hydrazine in real water samples based on synergistic catalysis of Ag@C coreâ€“shell and polyalizarin yellow R. Journal of Alloys and Compounds, 2018, 763, 997-1004.	2.8	19
71	Electrocoagulation efficiency and energy consumption probing by artificial intelligent approaches. Desalination and Water Treatment, 2014, 52, 2400-2411.	1.0	18
72	Cu-doped ZnO nanoparticle for removal of reactive black 5: application of artificial neural networks and multiple linear regression for modeling and optimization. Desalination and Water Treatment, 2016, 57, 22074-22080.	1.0	18

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73	Synthesis and application of Fe-N-Cr-TiO2 nanocatalyst for photocatalytic degradation of Acid Black 1 under LED light irradiation. Journal of Molecular Liquids, 2019, 279, 232-240.	2.3	18
74	Photocatalytic removal of 2,4-Dichlorophenoxyacetic acid from aqueous solution using tungsten oxide doped zinc oxide nanoparticles immobilised on glass beads. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	18
75	The mobility of arsenic from highly polluted farmlands to wheat: Soilâ€"Plant transfer model and health risk assessment. Land Degradation and Development, 2020, 31, 1560-1572.	1.8	17
76	Preparation and characterization of cost-effective AC/CeO2 nanocomposites for the degradation of selected industrial dyes. Applied Water Science, 2020, 10, 1.	2.8	16
77	Biosorption of Pb(II), Cu(II), and Ni(II) ions onto novel lowcostP. eldaricaleaves-based biosorbent: isotherm, kinetics, and operational parameters investigation. Desalination and Water Treatment, 2016, 57, 14544-14551.	1.0	15
78	The application of a natural chitosan/bone char composite in adsorbing textile dyes from water. Chemical Engineering Communications, 2017, 204, 1082-1093.	1.5	15
79	Application of cadmium-doped ZnO for the solar photocatalytic degradation of phenol. Water Science and Technology, 2019, 79, 375-385.	1.2	15
80	Development of a novel graphene oxide-blended polysulfone mixed matrix membrane with improved hydrophilicity and evaluation of nitrate removal from aqueous solutions. Chemical Engineering Communications, 2019, 206, 495-508.	1.5	15
81	Synthesis of ZnO nano-sono-catalyst for degradation of reactive dye focusing on energy consumption: operational parameters influence, modeling, and optimization. Desalination and Water Treatment, 2014, 52, 6745-6755.	1.0	14
82	Synthesis and Application of Fe-Doped TiO2 Nanoparticles for Photodegradation of 2,4-D from Aqueous Solution. Arabian Journal for Science and Engineering, 2021, 46, 6409-6422.	1.7	14
83	Synthesis and characterization of barium-doped TiO2 nanocrystals for photocatalytic degradation of Acid Red 18 under solar irradiation. , 0, 88, 200-206.		14
84	Direct blue 71 dye removal probing by potato peel-based sorbent: applications of artificial intelligent systems. Desalination and Water Treatment, 2016, 57, 12281-12286.	1.0	13
85	Application of Nanocrystalline Iranian Diatomite in Immobilized Form for Removal of a Textile Dye. Journal of Dispersion Science and Technology, 2016, 37, 723-732.	1.3	13
86	Human health and ecological risk assessment of heavy metal(loid)s in agricultural soils of rural areas: A case study in Kurdistan Province, Iran. Journal of Environmental Health Science & Engineering, 2020, 18, 469-481.	1.4	13
87	Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation. Pesticide Biochemistry and Physiology, 2021, 178, 104919.	1.6	13
88	Daily Fluoride Intake from Iranian Green Tea: Evaluation of Various Flavorings on Fluoride Release. Environmental Health Insights, 2016, 10, EHI.S38511.	0.6	12
89	Application of Commercial Powdered Activated Carbon for Adsorption of Carbolic Acid in Aqueous Solution. Pakistan Journal of Biological Sciences, 2007, 10, 2348-2352.	0.2	11
90	LED-activated immobilized Fe-Ce-N tri-doped TiO2 nanocatalyst on glass bed for photocatalytic degradation organic dye from aqueous solutions. Environmental Technology and Innovation, 2019, 15, 100411.	3.0	10

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91	Fluoride content in drinking water of the rural areas of Divandarreh city, Kurdistan province, Iran: a non-carcinogenic risk assessment. International Journal of Environmental Analytical Chemistry, 2023, 103, 341-353.	1.8	10
92	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. PLoS Neglected Tropical Diseases, 2021, 15, e0008824.	1.3	10
93	Prevalence of Intestinal Protozoa Infections and Associated Risk Factors among Schoolchildren in Sanandaj City, Iran. Iranian Journal of Parasitology, 2017, 12, 108-116.	0.6	10
94	Estimating Methane Gas Generation Rate from Sanandaj City Landfill Using LANDGEM Software. Research Journal of Environmental Sciences, 2015, 9, 280-288.	0.5	9
95	Arsenate removal from aqueous solutions using micellar-enhanced ultrafiltration. Journal of Environmental Health Science & Engineering, 2019, 17, 115-127.	1.4	8
96	Construction of manganese oxide nanowire-like cluster arrays on a DNA template: Application to detection of hydrogen peroxide. Bioelectrochemistry, 2020, 132, 107419.	2.4	8
97	Influence of iron mining activity on heavy metal contamination in the sediments of the Aqyazi River, Iran. Environmental Monitoring and Assessment, 2020, 192, 521.	1.3	8
98	Characterization of Thermal-Runaway Particles from Lithium Nickel Manganese Cobalt Oxide Batteries and Their Biotoxicity Analysis. ACS Applied Energy Materials, 2021, 4, 10713-10720.	2.5	8
99	Application of an electrochemical sensor using copper oxide nanoparticles/polyalizarin yellow R nanocomposite for hydrogen peroxide. Environmental Science and Pollution Research, 2021, 28, 38809-38816.	2.7	7
100	Comparison of QSAR models based on combinations of genetic algorithm, stepwise multiple linear regression, and artificial neural network methods to predict K d of some derivatives of aromatic sulfonamides as carbonic anhydrase II inhibitors. Russian Journal of Bioorganic Chemistry, 2014, 40, 61-75.	0.3	6
101	Density assessment and mapping of microorganisms around a biocomposting plant in Sanandaj, Iran. Environmental Monitoring and Assessment, 2017, 189, 233.	1.3	6
102	Electrocatalytic activity of manganese oxide nanosphere immobilized onto deoxyribonucleic acid modified electrode: Application to determine environmental pollutant thiourea at natural pH. Journal of Colloid and Interface Science, 2017, 504, 579-585.	5.0	6
103	Effect of TiO₂/GAC and water vapor on chloroform decomposition in a hybrid plasma-catalytic system. Environmental Technology (United Kingdom), 2018, 39, 2041-2050.	1.2	6
104	Fabrication of a glycation induced amyloid nanofibril and polyalizarin yellow R nanobiocomposite: Application for electrocatalytic determination of hydrogen peroxide. International Journal of Biological Macromolecules, 2019, 123, 1297-1304.	3.6	6
105	Metal Risk Assessment Study of Canned Fish Available on the Iranian Market. Biological Trace Element Research, 2020, 199, 3470-3477.	1.9	6
106	Facile synthesis and characterization of Zn5(OH)8Cl2Â·H2O nanostructure for the biomethanation process. Materials Letters, 2021, 282, 128808.	1.3	6
107	Municipal Solid Waste Management in Mahabad Town, Iran. Journal of Environmental Science and Technology, 2015, 8, 216-224.	0.3	6
108	Evaluation of bio-aerosols type, density, and modeling of dispersion in inside and outside of different wards of educational hospital. Environmental Science and Pollution Research, 2022, 29, 14143-14157.	2.7	6

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109	Simultaneous determination of inorganic anions in bottled drinking water by the ion chromatography method. Journal of Water Chemistry and Technology, 2015, 37, 253-257.	0.2	5
110	Preparation of Chitosan/Bone Char/$$hbox {Fe}_{3}hbox {O}_{4}$$Fe3O4 Nanocomposite for Adsorption of Hexavalent Chromium in Aquatic Environments. Arabian Journal for Science and Engineering, 2018, 43, 5799-5808.	1.7	5
111	Effect of STOP technique on safety climate in a construction company. Journal of Research in Health Sciences, 2015, 15, 109-12.	0.9	5
112	Determination of the Concentration and Composition of PM10 during the Middle Eastern Dust Storms in Sanandaj, Iran. Journal of Research in Health Sciences, 2015, 15, 182-8.	0.9	5
113	Azo Dye DB71 Degradation Using Ultrasonic-Assisted Fenton Process: Modeling and Process Optimization. Arabian Journal for Science and Engineering, 2015, 40, 295-301.	1.1	4
114	Biodegradation of 2,4-dichlorophenoxyacetic acid by bacteria with highly antibiotic-resistant pattern isolated from wheat field soils in Kurdistan, Iran. Environmental Monitoring and Assessment, 2016, 188, 659.	1.3	4
115	Effect of Washing and Cooking on Nitrate Content of Potatoes (cv. Diamant) and Implications for Mitigating Human Health Risk in Iran. Potato Research, 2020, 63, 449-462.	1.2	4
116	Evaluation of iron-coated ZSM-5 zeolite for removal of As(III) from aqueous solutions in batch and column systems. Water Science and Technology: Water Supply, 2017, 17, 10-23.	1.0	3
117	Data on physicochemical quality of drinking water in the rural area in Divandarreh county, Kurdistan, Iran. Data in Brief, 2018, 19, 1661-1669.	0.5	3
118	Evaluation of Sonocatalytic and Photocatalytic Processes Efficiency for Degradation of Humic Compounds Using Synthesized Transition-Metal-Doped ZnO Nanoparticles in Aqueous Solution. Journal of Chemistry, 2021, 2021, 1-12.	0.9	3
119	Sonocatalytic Degradation of Humic Substances From Aquatic Environments Using MgO Nanoparticles. Avicenna Journal of Environmental Health Engineering, 2017, 4, 13-18.	0.3	3
120	Effect of Environmental Intervention on the Consumption of Rice without Toxic Metals Based on the Health Belief Model and Ecological-Social Model. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, JC01-JC06.	0.8	3
121	Synthesis of immobilised Ni-doped TiO₂ nanoparticles through hydrothermal route and their efficiency evaluation in photodegradation of formaldehyde. International Journal of Environmental Analytical Chemistry, 2022, 102, 1987-1999.	1.8	2
122	Facile synthesis of Mnâ€Ce / Nâ€TiO 2 composite for CO 2 hydrogenation into methane and intensifying methane yield in biomethanation. Biofuels, Bioproducts and Biorefining, 2021, 15, 189-201.	1.9	2
123	Bioassay Testing the Toxicity of Nano-Structure Polymer (PAMAM G2) as Coagulant Aid in Water Treatment. Research Journal of Environmental Toxicology, 2015, 9, 261-267.	1.0	2
124	Synthesis of halogenated nanodendrimer as novel antimicrobial agents in water treatment. , 0, 64, 101-108.		2
125	Environmental interventions based on the Health Belief Model and the Ecological-social model in the continuation of consumption of rice, free from toxic metals. Electronic Physician, 2018, 10, 6153-6163.	0.2	2
126	Immobilization of microorganisms in activated zeolite beads and alkaline pretreated straws for ammonium-nitrogen removal from urban river water. Water Science and Technology, 2022, 85, 63-76.	1.2	2

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127	Airborne bacteria and fungi in a wastewater treatment plant: type and characterization of bio-aerosols, emission characterization and mapping. Aerobiologia, 2022, 38, 163-176.	0.7	2
128	Adsorption of nitrate using diatomite-supported ferric oxide nanoparticles: determination of optimum condition, kinetics, and adsorption isotherms. , 0, 65, 418-427.		1
129	Antimicrobial Activities of the Polypropylene Imine Dendrimer Aginst Bacteria Isolated From Rural Water Resources. Jundishapur Journal of Natural Pharmaceutical Products, 2015, 10, .	0.3	0
130	The effect of educational intervention based on an Ecological-social model on consuming fruit and vegetables in women in Ilam. Electronic Physician, 2017, 9, 5954-5959.	0.2	0