

# Afshin Maleki

## List of Publications by Year in descending order

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130  
papers

4,330  
citations

94433

37  
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133252

59  
g-index

134  
all docs

134  
docs citations

134  
times ranked

5781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoride content in drinking water of the rural areas of Divandarreh city, Kurdistan province, Iran: a non-carcinogenic risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 341-353.	3.3	10
2	Photocatalytic removal of 2,4-Dichlorophenoxyacetic acid from aqueous solution using tungsten oxide doped zinc oxide nanoparticles immobilised on glass beads. <i>Environmental Technology (United Kingdom)</i> , 2023, 44(10), 1071-1080.	2.7	10
3	Synthesis of immobilised Ni-doped TiO <sub>2</sub> nanoparticles through hydrothermal route and their efficiency evaluation in photodegradation of formaldehyde. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1987-1999.	3.3	2
4	Evaluation of bio-aerosols type, density, and modeling of dispersion in inside and outside of different wards of educational hospital. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14143-14157.	5.3	6
5	Immobilization of microorganisms in activated zeolite beads and alkaline pretreated straws for ammonium-nitrogen removal from urban river water. <i>Water Science and Technology</i> , 2022, 85, 63-76.	2.5	2
6	Airborne bacteria and fungi in a wastewater treatment plant: type and characterization of bio-aerosols, emission characterization and mapping. <i>Aerobiologia</i> , 2022, 38, 163-176.	1.7	2
7	Facile synthesis and characterization of Zn <sub>5</sub> (OH) <sub>8</sub> Cl <sub>2</sub> ·H <sub>2</sub> O nanostructure for the biomethanation process. <i>Materials Letters</i> , 2021, 282, 128808.	2.6	6
8	Synthesis and Application of Fe-Doped TiO <sub>2</sub> Nanoparticles for Photodegradation of 2,4-D from Aqueous Solution. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 6409-6422.	3.0	14
9	Facile synthesis of Mn/Ce / TiO <sub>2</sub> composite for CO <sub>2</sub> hydrogenation into methane and intensifying methane yield in biomethanation. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 189-201.	3.7	2
10	Application of an electrochemical sensor using copper oxide nanoparticles/polyalizarin yellow R nanocomposite for hydrogen peroxide. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38809-38816.	5.3	7
11	Evaluation of Sonocatalytic and Photocatalytic Processes Efficiency for Degradation of Humic Compounds Using Synthesized Transition-Metal-Doped ZnO Nanoparticles in Aqueous Solution. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	1.9	3
12	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	3.0	10
13	Evaluation of drinking water quality and non-carcinogenic and carcinogenic risk assessment of heavy metals in rural areas of Kurdistan, Iran. <i>Environmental Technology and Innovation</i> , 2021, 23, 101668.	6.1	34
14	Characterization of Thermal-Runaway Particles from Lithium Nickel Manganese Cobalt Oxide Batteries and Their Biotoxicity Analysis. <i>ACS Applied Energy Materials</i> , 2021, 4, 10713-10720.	5.1	8
15	Pectin/chitosan/tripolyphosphate encapsulation protects the rat lung from fibrosis and apoptosis induced by paraquat inhalation. <i>Pesticide Biochemistry and Physiology</i> , 2021, 178, 104919.	3.6	13
16	Designing bi-functional silver delafossite bridged graphene oxide interfaces: Insights into synthesis, characterization, photocatalysis and bactericidal efficiency. <i>Chemical Engineering Journal</i> , 2021, 426, 131729.	12.7	26
17	Antibacterial Activities of Phytofabricated ZnO and CuO NPs by Mentha pulegium Leaf/flower Mixture Extract against Antibiotic Resistant Bacteria. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 497-504.	1.4	21
18	The photocatalytic removal of diazinon from aqueous solutions using tungsten oxide doped zinc oxide nanoparticles immobilized on glass substrate. <i>Journal of Molecular Liquids</i> , 2020, 297, 111918.	4.9	56

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19	Photocatalytic Degradation of 2,4-Dichlorophenoxyacetic Acid in Aqueous Solution Using Mn-doped ZnO/Graphene Nanocomposite Under LED Radiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 923-934.	3.7	39
20	Synthesis and characterization of nanocomposite ultrafiltration membrane (PSF/PVP/SiO <sub>2</sub> ) and performance evaluation for the removal of amoxicillin from aqueous solutions. <i>Environmental Technology and Innovation</i> , 2020, 17, 100529.	6.1	57
21	The nitrate content of fresh and cooked vegetables and their health-related risks. <i>PLoS ONE</i> , 2020, 15, e0227551.	2.5	64
22	Construction of manganese oxide nanowire-like cluster arrays on a DNA template: Application to detection of hydrogen peroxide. <i>Bioelectrochemistry</i> , 2020, 132, 107419.	4.6	8
23	Preparation and characterization of cost-effective AC/CeO <sub>2</sub> nanocomposites for the degradation of selected industrial dyes. <i>Applied Water Science</i> , 2020, 10, 1.	5.6	16
24	Influence of iron mining activity on heavy metal contamination in the sediments of the Aqyazi River, Iran. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 521.	2.7	8
25	Metal Risk Assessment Study of Canned Fish Available on the Iranian Market. <i>Biological Trace Element Research</i> , 2020, 199, 3470-3477.	3.5	6
26	Human health and ecological risk assessment of heavy metal(loid)s in agricultural soils of rural areas: A case study in Kurdistan Province, Iran. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 469-481.	3.0	13
27	Effect of Washing and Cooking on Nitrate Content of Potatoes (cv. Diamant) and Implications for Mitigating Human Health Risk in Iran. <i>Potato Research</i> , 2020, 63, 449-462.	2.7	4
28	The mobility of arsenic from highly polluted farmlands to wheat: Soil-Plant transfer model and health risk assessment. <i>Land Degradation and Development</i> , 2020, 31, 1560-1572.	3.9	17
29	Sonocatalytic and photocatalytic efficiency of transition metal-doped ZnO nanoparticles in the removal of organic dyes from aquatic environments. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1360-1370.	2.7	23
30	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
31	Synthesis and application of Fe-N-Cr-TiO <sub>2</sub> nanocatalyst for photocatalytic degradation of Acid Black 1 under LED light irradiation. <i>Journal of Molecular Liquids</i> , 2019, 279, 232-240.	4.9	18
32	LED-activated immobilized Fe-Ce-N tri-doped TiO <sub>2</sub> nanocatalyst on glass bed for photocatalytic degradation organic dye from aqueous solutions. <i>Environmental Technology and Innovation</i> , 2019, 15, 100411.	6.1	10
33	Application of modified electrospun nanofiber membranes with $\pm$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles in arsenate removal from aqueous media. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21993-22009.	5.3	23
34	Pectin/Chitosan/Tripolyphosphate Nanoparticles: Efficient Carriers for Reducing Soil Sorption, Cytotoxicity, and Mutagenicity of Paraquat and Enhancing Its Herbicide Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5736-5745.	5.2	76
35	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. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 479-492.	3.0	65
36	Evaluation of the effect of electrospun nanofibrous membrane on removal of diazinon from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2019, 139, 85-91.	4.1	23

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37	Photocatalytic degradation of organic dyes using WO <sub>3</sub> -doped ZnO nanoparticles fixed on a glass surface in aqueous solution. Journal of Industrial and Engineering Chemistry, 2019, 73, 297-305.	5.8	86
38	Application of cadmium-doped ZnO for the solar photocatalytic degradation of phenol. Water Science and Technology, 2019, 79, 375-385.	2.5	15
39	Arsenate removal from aqueous solutions using micellar-enhanced ultrafiltration. Journal of Environmental Health Science & Engineering, 2019, 17, 115-127.	3.0	8
40	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.	4.9	25
41	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.	5.6	38
42	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.	7.5	6
43	Simultaneous removal of arsenate and nitrate from aqueous solutions using micellar-enhanced ultrafiltration process. Journal of Water Process Engineering, 2019, 27, 24-31.	5.6	22
44	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.	4.9	68
45	Salt-assisted liquid-liquid extraction coupled with reversed-phase dispersive liquid-liquid microextraction for sensitive HPLC determination of paraquat in environmental and food samples. Journal of Food Measurement and Characterization, 2019, 13, 269-276.	3.2	43
46	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.	2.6	15
47	Concentration, Source, and Potential Human Health Risk of Heavy Metals in the Commonly Consumed Medicinal Plants. Biological Trace Element Research, 2019, 187, 41-50.	3.5	93
48	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.	7.8	20
49	Comparison of ARIMA and NNAR Models for Forecasting Water Treatment Plant's Influent Characteristics. KSCE Journal of Civil Engineering, 2018, 22, 3233-3245.	1.9	47
50	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.	5.6	26
51	Heavy metal adsorption using PAMAM/CNT nanocomposite from aqueous solution in batch and continuous fixed bed systems. Chemical Engineering Journal, 2018, 346, 258-270.	12.7	211
52	Effect of TiO <sub>2</sub> /GAC and water vapor on chloroform decomposition in a hybrid plasma-catalytic system. Environmental Technology (United Kingdom), 2018, 39, 2041-2050.	2.2	6
53	Preparation of Chitosan/Bone Char/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite for Adsorption of Hexavalent Chromium in Aquatic Environments. Arabian Journal for Science and Engineering, 2018, 43, 5799-5808.	3.0	5
54	Adsorptive removal of nickel and lead ions from aqueous solutions by poly (amidoamine) (PAMAM) dendrimers ( $\frac{10}{50} \frac{Tf}{50} \frac{BT}{10} \frac{ET}{10} \frac{Q}{10} \frac{0}{10} \frac{rg}{10} \frac{BT}{10}$ ) Environmental Technology and Innovation, 2018, 12, 261-272.	6.1	23

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55	Fabrication and characterization of novel polyacrylonitrile/Fe <sub>2</sub> O <sub>3</sub> ultrafiltration mixed-matrix membranes for nitrate removal from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2018, 271, 557-570.	4.9	21
56	Data on physicochemical quality of drinking water in the rural area in Divandarreh county, Kurdistan, Iran. <i>Data in Brief</i> , 2018, 19, 1661-1669.	1.0	3
57	Fabrication of a sensitive electrochemical sensor to environmental pollutant of hydrazine in real water samples based on synergistic catalysis of Ag@C core-shell and polyalizarin yellow R. <i>Journal of Alloys and Compounds</i> , 2018, 763, 997-1004.	5.5	19
58	Environmental interventions based on the Health Belief Model and the Ecological-social model in the continuation of consumption of rice, free from toxic metals. <i>Electronic Physician</i> , 2018, 10, 6153-6163.	0.2	2
59	Evaluation of iron-coated ZSM-5 zeolite for removal of As(III) from aqueous solutions in batch and column systems. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 10-23.	2.1	3
60	Isolation and identification of indigenous prokaryotic bacteria from arsenic-contaminated water resources and their impact on arsenic transformation. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 170-176.	6.0	37
61	Super high removal capacities of heavy metals (Pb <sup>2+</sup> and Cu <sup>2+</sup> ) using CNT dendrimer. <i>Journal of Hazardous Materials</i> , 2017, 336, 146-157.	12.4	148
62	Adsorption of Pb <sup>2+</sup> , Ni <sup>2+</sup> , Cu <sup>2+</sup> , Co <sup>2+</sup> metal ions from aqueous solution by PPI/SiO <sub>2</sub> as new high performance adsorbent: Preparation, characterization, isotherm, kinetic, thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2017, 237, 428-436.	4.9	46
63	Density assessment and mapping of microorganisms around a biocomposting plant in Sanandaj, Iran. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 233.	2.7	6
64	Bacillus flexus strain As-12, a new arsenic transformer bacterium isolated from contaminated water resources. <i>Chemosphere</i> , 2017, 169, 636-641.	8.2	33
65	Application of micellar enhanced ultrafiltration (MEUF) for arsenic (V) removal from aqueous solutions and process optimization. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1588-1593.	2.4	21
66	Decontamination of arsenic(V)-contained liquid phase utilizing Fe <sub>3</sub> O <sub>4</sub> /bone char nanocomposite encapsulated in chitosan biopolymer. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15157-15166.	5.3	26
67	Evaluation of trace element concentration in cancerous and non-cancerous tissues of human stomach. <i>Chemosphere</i> , 2017, 184, 747-752.	8.2	31
68	Electrocatalytic activity of manganese oxide nanosphere immobilized onto deoxyribonucleic acid modified electrode: Application to determine environmental pollutant thiourea at natural pH. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 579-585.	9.4	6
69	The application of a natural chitosan/bone char composite in adsorbing textile dyes from water. <i>Chemical Engineering Communications</i> , 2017, 204, 1082-1093.	2.6	15
70	Histopathological effects of copper oxide nanoparticles on the gill and intestine of common carp ( <i>Cyprinus carpio</i> ) in the presence of titanium dioxide nanoparticles. <i>Chemistry and Ecology</i> , 2017, 33, 295-308.	1.6	29
71	Sonophotocatalytic degradation of diazinon in aqueous solution using iron-doped TiO <sub>2</sub> nanoparticles. <i>Separation and Purification Technology</i> , 2017, 189, 186-192.	7.9	94
72	Amine functionalized multi-walled carbon nanotubes: Single and binary systems for high capacity dye removal. <i>Chemical Engineering Journal</i> , 2017, 313, 826-835.	12.7	134

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73	High-flux ultrafiltration membrane based on electrospun polyacrylonitrile nanofibrous scaffolds for arsenate removal from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 564-571.	9.4	59
74	Sonocatalytic Degradation of Humic Substances From Aquatic Environments Using MgO Nanoparticles. <i>Avicenna Journal of Environmental Health Engineering</i> , 2017, 4, 13-18.	0.6	3
75	Effect of Environmental Intervention on the Consumption of Rice without Toxic Metals Based on the Health Belief Model and Ecological-Social Model. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, JC01-JC06.	0.8	3
76	The effect of educational intervention based on an Ecological-social model on consuming fruit and vegetables in women in Ilam. <i>Electronic Physician</i> , 2017, 9, 5954-5959.	0.2	0
77	Prevalence of Intestinal Protozoa Infections and Associated Risk Factors among Schoolchildren in Sanandaj City, Iran. <i>Iranian Journal of Parasitology</i> , 2017, 12, 108-116.	0.6	10
78	Subjective Mental Workload and Its Correlation With Musculoskeletal Disorders in Bank Staff. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2016, 39, 420-426.	0.9	44
79	Synthesis and characterization of PAMAM/CNT nanocomposite as a super-capacity adsorbent for heavy metal (Ni <sup>2+</sup> , Zn <sup>2+</sup> , As <sup>3+</sup> , Co <sup>2+</sup> ) removal from wastewater. <i>Journal of Molecular Liquids</i> , 2016, 224, 1032-1040.	4.9	103
80	Copper Bioaccumulation and Depuration in Common Carp ( <i>Cyprinus carpio</i> ) Following Co-exposure to TiO <sub>2</sub> and CuO Nanoparticles. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 541-552.	4.1	33
81	Histopathological effects following short-term coexposure of <i>Cyprinus carpio</i> to nanoparticles of TiO <sub>2</sub> and CuO. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 575.	2.7	36
82	Heavy metal adsorption from industrial wastewater by PAMAM/TiO <sub>2</sub> nanohybrid: Preparation, characterization and adsorption studies. <i>Journal of Molecular Liquids</i> , 2016, 224, 95-104.	4.9	108
83	Photocatalytic degradation of humic substances in the presence of ZnO nanoparticles immobilized on glass plates under ultraviolet irradiation. <i>Separation Science and Technology</i> , 2016, 51, 2484-2489.	2.5	23
84	Biodegradation of 2,4-dichlorophenoxyacetic acid by bacteria with highly antibiotic-resistant pattern isolated from wheat field soils in Kurdistan, Iran. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 659.	2.7	4
85	Daily Fluoride Intake from Iranian Green Tea: Evaluation of Various Flavorings on Fluoride Release. <i>Environmental Health Insights</i> , 2016, 10, EHI.S38511.	1.7	12
86	Application of dendrimer/titania nanohybrid for the removal of phenol from contaminated wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 6809-6819.	1.0	25
87	Adsorption of organic dyes using copper oxide nanoparticles: isotherm and kinetic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 25278-25287.	1.0	49
88	Cu-doped ZnO nanoparticle for removal of reactive black 5: application of artificial neural networks and multiple linear regression for modeling and optimization. <i>Desalination and Water Treatment</i> , 2016, 57, 22074-22080.	1.0	18
89	Cobalt ferrite nanoparticles: Preparation, characterization and anionic dye removal capability. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 320-329.	5.3	78
90	Direct blue 71 dye removal probing by potato peel-based sorbent: applications of artificial intelligent systems. <i>Desalination and Water Treatment</i> , 2016, 57, 12281-12286.	1.0	13



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91	Application of Nanocrystalline Iranian Diatomite in Immobilized Form for Removal of a Textile Dye. Journal of Dispersion Science and Technology, 2016, 37, 723-732.	2.4	13
92	Biosorption of Pb(II), Cu(II), and Ni(II) ions onto novel lowcost <i>P. eldarica</i> leaves-based biosorbent: isotherm, kinetics, and operational parameters investigation. Desalination and Water Treatment, 2016, 57, 14544-14551.	1.0	15
93	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
94	Simultaneous determination of inorganic anions in bottled drinking water by the ion chromatography method. Journal of Water Chemistry and Technology, 2015, 37, 253-257.	0.6	5
95	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.	5.3	91
96	Adsorption of hexavalent chromium by metal organic frameworks from aqueous solution. Journal of Industrial and Engineering Chemistry, 2015, 28, 211-216.	5.8	199
97	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.	5.3	38
98	Health risk assessment of trace elements in two fish species of Sanandaj Gheslagh Reservoir, Iran. Toxicology and Environmental Health Sciences, 2015, 7, 43-49.	2.1	21
99	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
100	Removal of Disperse Orange 25 using <i>in situ</i> surface-modified iron-doped TiO <sub>2</sub> nanoparticles. Desalination and Water Treatment, 2015, 53, 3615-3622.	1.0	31
101	Dendrimer- <i>titania</i> nanocomposite: synthesis and dye-removal capacity. Research on Chemical Intermediates, 2015, 41, 3743-3757.	2.7	117
102	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
103	Municipal Solid Waste Management in Mahabad Town, Iran. Journal of Environmental Science and Technology, 2015, 8, 216-224.	0.3	6
104	Estimating Methane Gas Generation Rate from Sanandaj City Landfill Using LANDGEM Software. Research Journal of Environmental Sciences, 2015, 9, 280-288.	0.5	9
105	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
106	Antimicrobial Activities of the Polypropylene Imine Dendrimer Against Bacteria Isolated From Rural Water Resources. Jundishapur Journal of Natural Pharmaceutical Products, 2015, 10, .	0.6	0
107	Effect of STOP technique on safety climate in a construction company. Journal of Research in Health Sciences, 2015, 15, 109-12.	1.0	5
108	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.	1.0	5

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109	Spatial distribution of heavy metals in soil, water, and vegetables of farms in Sanandaj, Kurdistan, Iran. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 136.	3.0	48
110	Electrocoagulation efficiency and energy consumption probing by artificial intelligent approaches. <i>Desalination and Water Treatment</i> , 2014, 52, 2400-2411.	1.0	18
111	Synthesis of ZnO nano-sono-catalyst for degradation of reactive dye focusing on energy consumption: operational parameters influence, modeling, and optimization. <i>Desalination and Water Treatment</i> , 2014, 52, 6745-6755.	1.0	14
112	Synthesis of cationic polymeric adsorbent and dye removal isotherm, kinetic and thermodynamic. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2745-2753.	5.8	92
113	Comparison of QSAR models based on combinations of genetic algorithm, stepwise multiple linear regression, and artificial neural network methods to predict K <sub>d</sub> of some derivatives of aromatic sulfonamides as carbonic anhydrase II inhibitors. <i>Russian Journal of Bioorganic Chemistry</i> , 2014, 40, 61-75.	1.0	6
114	Biodegradation of Petroleum Hydrocarbons in a Soil Polluted Sample by Oil-Based Drilling Cuttings. <i>Soil and Sediment Contamination</i> , 2014, 23, 586-597.	1.9	32
115	Application of response surface methodology for optimization of natural organic matter degradation by UV/H <sub>2</sub> O <sub>2</sub> advanced oxidation process. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2014, 12, 67.	3.0	42
116	Elimination of arsenic contamination from water using chemically modified wheat straw. <i>Desalination and Water Treatment</i> , 2013, 51, 2306-2316.	1.0	62
117	Hydrothermal Synthesis of Surface-Modified, Manganese-Doped TiO <sub>2</sub> Nanoparticles for Photodegradation of Methylene Blue. <i>Environmental Engineering Science</i> , 2012, 29, 1032-1037.	1.6	38
118	Solar degradation of Direct Blue 71 using surface modified iron doped ZnO hybrid nanomaterials. <i>Water Science and Technology</i> , 2012, 65, 1923-1928.	2.5	36
119	Prediction of optimum adsorption isotherm: comparison of chi-square and Log-likelihood statistics. <i>Desalination and Water Treatment</i> , 2012, 49, 81-94.	1.0	64
120	Photocatalytic degradation of Amaranth and Brilliant Blue FCF dyes using in situ modified tungsten doped TiO <sub>2</sub> hybrid nanoparticles. <i>Catalysis Science and Technology</i> , 2011, 1, 1216.	4.1	50
121	Study of photochemical and sonochemical processes efficiency for degradation of dyes in aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 1805-1810.	2.7	61
122	Multi-trace elements level in drinking water and the prevalence of multi-chronic arsenical poisoning in residents in the west area of Iran. <i>Science of the Total Environment</i> , 2010, 408, 1523-1529.	8.0	49
123	Photosonochemical degradation of phenol in water. <i>Desalination and Water Treatment</i> , 2010, 20, 197-202.	1.0	24
124	Heavy metals in selected edible vegetables and estimation of their daily intake in Sanandaj, Iran. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2008, 39, 335-40.	1.0	37
125	Photo-oxidation of phenol in aqueous solution: Toxicity of intermediates. <i>Korean Journal of Chemical Engineering</i> , 2007, 24, 79-82.	2.7	63
126	Application of Commercial Powdered Activated Carbon for Adsorption of Carboic Acid in Aqueous Solution. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 2348-2352.	0.5	11



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127	Advanced Oxidation of Phenol by Ultraviolet Irradiation in Aqueous System. Pakistan Journal of Biological Sciences, 2006, 9, 2338-2341.	0.5	24
128	Synthesis of halogenated nanodendrimer as novel antimicrobial agents in water treatment. , 0, 64, 101-108.		2
129	Synthesis and characterization of barium-doped TiO <sub>2</sub> nanocrystals for photocatalytic degradation of Acid Red 18 under solar irradiation. , 0, 88, 200-206.		14
130	Adsorption of nitrate using diatomite-supported ferric oxide nanoparticles: determination of optimum condition, kinetics, and adsorption isotherms. , 0, 65, 418-427.		1