

# Afshin Ebrahimi

## List of Publications by Year in descending order

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75  
papers

796  
citations

567144

15  
h-index

642610

23  
g-index

77  
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77  
docs citations

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times ranked

1006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of efficient photocatalytic process using a novel BiVO/TiO <sub>2</sub> -NaY zeolite composite for removal of acid orange 10 dye in aqueous solutions: Modeling by response surface methodology (RSM). <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103253.	3.3	48
2	Distribution and health risk assessment of natural fluoride of drinking groundwater resources of Isfahan, Iran, using GIS. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 137.	1.3	43
3	A novel ternary heterogeneous TiO <sub>2</sub> /BiVO <sub>4</sub> /NaY-Zeolite nanocomposite for photocatalytic degradation of microcystin-leucine arginine (MC-LR) under visible light. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111862.	2.9	37
4	A novel three-dimensional electro-Fenton system and its application for degradation of anti-inflammatory pharmaceuticals: Modeling and degradation pathways. <i>Chemical Engineering Research and Design</i> , 2018, 117, 200-213.	2.7	35
5	The occurrence, fate, and distribution of natural and synthetic hormones in different types of wastewater treatment plants in Iran. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1132-1139.	1.7	31
6	Photocatalytic process for total arsenic removal using an innovative BiVO <sub>4</sub> /TiO <sub>2</sub> /LED system from aqueous solution: Optimization by response surface methodology (RSM). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 101, 64-79.	2.7	31
7	Arsenic removal by coagulation using ferric chloride and chitosan from water. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 17.	0.4	30
8	Association of urinary concentrations of four chlorophenol pesticides with cardiometabolic risk factors and obesity in children and adolescents. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4516-4523.	2.7	29
9	Application of UV/chlorine processes for the DR83:1 degradation from wastewater: Effect of coexisting anions. <i>Journal of Environmental Management</i> , 2021, 297, 113349.	3.8	26
10	Experimental data for aluminum removal from aqueous solution by raw and iron-modified granular activated carbon. <i>Data in Brief</i> , 2018, 17, 731-738.	0.5	24
11	Genotoxicity and phytotoxicity comparison of cigarette butt with cigarette ash. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40383-40391.	2.7	21
12	Evaluation efficiency of Iranian natural zeolites and synthetic resin to removal of lead ions from aqueous solutions. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	20
13	A heterogeneous peroxymonosulfate catalyst built by Fe-based metal-organic framework for the dye degradation. <i>Journal of Environmental Management</i> , 2022, 303, 113897.	3.8	19
14	Monitoring and health risk assessment of phthalate esters in household's drinking water of Isfahan, Iran. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 7409-7416.	1.8	18
15	Dietary intake and health risk assessment of nitrate, nitrite, and nitrosamines: a Bayesian analysis and Monte Carlo simulation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45568-45580.	2.7	17
16	Retention of atenolol from single and binary aqueous solutions by thin film composite nanofiltration membrane: Transport modeling and pore radius estimation. <i>Journal of Environmental Management</i> , 2020, 271, 111005.	3.8	17
17	Electrochemical degradation of the Acid Orange 10 dye on a Ti/PbO <sub>2</sub> anode assessed by response surface methodology. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 189-196.	1.2	16
18	Removal of Different NOM Fractions from Spent Filter Backwash Water by Polyaluminum Ferric Chloride and Ferric Chloride. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 1497-1504.	1.7	16

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19	Metals, heavy metals and microorganism removal from spent filter backwash water by hybrid coagulation-UF processes. <i>Journal of Water Reuse and Desalination</i> , 2018, 8, 225-233.	1.2	16
20	Evaluation of Chemical and Microbiological Quality in 21 Brands of Iranian Bottled Drinking Waters in 2012: A Comparison Study on Label and Real Contents. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-4.	0.4	15
21	The effectiveness of chitosan as coagulant aid in turbidity removal from water. <i>International Journal of Environmental Health Engineering</i> , 2014, 3, 8.	0.4	15
22	Macropollutants removal from compost leachate using membrane separation process. <i>Desalination and Water Treatment</i> , 2016, 57, 7149-7154.	1.0	13
23	Kinetic and isotherm studies of humic acid adsorption onto iron oxide magnetic nanoparticles in aqueous solutions. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 33.	0.4	13
24	Fluoride exposure and its health risk assessment in drinking water and staple food in the population of Dayyer, Iran, in 2013. <i>Journal of Education and Health Promotion</i> , 2015, 4, 72.	0.3	13
25	A Qualitative Survey of Five Antibiotics in a Water Treatment Plant in Central Plateau of Iran. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-9.	0.4	12
26	Optimizing the removal of humic acid with polyaluminum chloride and polyaluminum ferric chloride as green coagulants using response surface methodology. , 0, 139, 297-304.		12
27	Effectiveness of nanozeolite modified by cationic surfactant in the removal of disinfection by-product precursors from water solution. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 3.	0.4	10
28	Impact of prenatal triclosan exposure on gestational age and anthropometric measures at birth: A systematic review and meta-analysis. <i>Journal of Research in Medical Sciences</i> , 2020, 25, 61.	0.4	10
29	The effectiveness of polyaluminum ferric chloride (PAFCI) for turbidity and color removal from Isfahan raw water. <i>Desalination and Water Treatment</i> , 2015, 55, 1966-1972.	1.0	9
30	The combined treatment of bisphenol A (BPA) by coagulation/flocculation (C/F) process and UV irradiation in aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 8802-8808.	1.0	9
31	An innovative approach to attached cultivation of <i>Chlorella vulgaris</i> using different materials. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20097-20105.	2.7	9
32	Photocatalytic degradation of microcystin-LR using BiVO <sub>4</sub> photocatalysts under visible light irradiation: modelling by response surface methodology (RSM). <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-18.	1.8	8
33	Determination of polycyclic aromatic hydrocarbons concentration in eight brands of black tea which are used more in Iran. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 40.	0.4	8
34	Determination of nitrate and nitrite exposure and their health risk assessment in 21 brands of bottled waters in Isfahan's market in 2013. <i>International Journal of Environmental Health Engineering</i> , 2014, 3, 28.	0.4	8
35	The performance of TiO <sub>2</sub> /NaY-zeolite nanocomposite in photocatalytic degradation of Microcystin-LR from aqueous solutions: Optimization by response surface methodology (RSM). <i>Environmental Health Engineering and Management</i> , 2020, 7, 245-256.	0.3	7
36	Heavy metal content in edible salts in Isfahan and estimation of their daily intake via salt consumption. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 8.	0.4	7

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37	Spatiotemporal analysis of COVID-19, air pollution, climate, and meteorological conditions in a metropolitan region of Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24911-24924.	2.7	7
38	Sonoelectrochemical mineralization of perfluorooctanoic acid using Ti/PbO <sub>2</sub> anode assessed by response surface methodology. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2015, 13, 77.	1.4	6
39	Dataset on the spent filter backwash water treatment by sedimentation, coagulation and ultra filtration. <i>Data in Brief</i> , 2017, 15, 916-921.	0.5	6
40	Dataset on the cost estimation for spent filter backwash water (SFBW) treatment. <i>Data in Brief</i> , 2017, 15, 1043-1047.	0.5	6
41	Efficient degradation of microcystin-LR by BiVO <sub>4</sub> /TiO <sub>2</sub> photocatalytic nanocomposite under visible light. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 1171-1183.	1.4	6
42	Application of Iranian natural zeolite and blast furnace slag as slow sand filters media for water softening. <i>International Journal of Environmental Health Engineering</i> , 2014, 3, 26.	0.4	6
43	Feasibility energy recovery potential of municipal solid waste in Northwest of Iran. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 14.	0.4	6
44	Environmental pollutants removal from composting leachate using anaerobic biological treatment process. <i>International Journal of Health System and Disaster Management</i> , 2014, 2, 136.	0.2	6
45	Complementary treatment of leachate using sequencing batch reactor. <i>International Journal of Health System and Disaster Management</i> , 2014, 2, 216.	0.2	6
46	Hybrid coagulation-UF processes for spent filter backwash water treatment: a comparison studies for PAFCl and FeCl <sub>3</sub> as a pre-treatment. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 387.	1.3	5
47	The investigation of humic acid adsorption from aqueous solutions onto modified pumice with hexadecyl trimethyl ammonium bromide. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 20.	0.4	5
48	Wastewater reuse from hemodialysis section by combination of coagulation and ultrafiltration processes: case study in Saveh-Iran Hospital. , 0, 193, 274-283.		5
49	Removal of Lead Ions from Aqueous Solution by Nano Zero-Valent Iron (nZVI). <i>Health Scope</i> , 2016, Inpress, .	0.4	4
50	4-Chlorophenol degradation with modified domestic microwave and hydrogen peroxide in aqueous solution. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 46.	0.4	4
51	Filter backwash water treatment by coagulation: A comparison study by polyaluminum ferric chloride and ferric chloride. , 0, 66, 320-329.		4
52	Catalytic reduction of hazardous acid orange 10 dye by BiVO <sub>4</sub> /TiO <sub>2</sub> nanocrystalline heterojunction and influence of aeration, FeSO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> and FeCl <sub>3</sub> on removal efficiency: A novel and environmentally friendly process. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104003.	2.3	4
53	GIS-based risk mapping of cutaneous leishmaniasis: a survey in an endemic area of Central Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57470-57485.	2.7	3
54	Evaluation of microcystin-LR photocatalytic degradation in aqueous solutions by BiVO <sub>4</sub> /NaY-Zeolite nanocomposite: determination of optimum conditions by response surface methodology (RSM). <i>Toxin Reviews</i> , 0, , 1-13.	1.5	3

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55	Effects of oxytetracycline, tylosin, and amoxicillin antibiotics on specific methanogenic activity of anaerobic biomass. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 37.	0.4	3
56	The influence of zero-valent iron on the photodegradation ozonation of di-2 ethyl hexyl phthalate in aqueous solution. , 0, 78, 321-329.		3
57	Removal of Lead Ions from Aqueous Solution by Nano Zero-Valent Iron (nZVI). <i>Health Scope</i> , 2016, 6, .	0.4	3
58	Comparative health risk assessment of nitrate in drinking groundwater resources of urban and rural regions (Isfahan, Iran), using GIS. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 794.	1.3	3
59	Qualitative Evaluation of Bottled Water Stored in Polyethylene Terephthalate Based on Organic Chemical Compounds. <i>Anuario Do Instituto De Geociencias</i> , 2016, 39, 29.	0.2	2
60	Association between aluminum and silicon concentrations in Isfahan drinking water and their health risk assessments. <i>International Journal of Preventive Medicine</i> , 2015, 6, 111.	0.2	2
61	Evaluation of new location of Isfahan's sanitary landfill site with Oleckno method. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 33.	0.4	2
62	High turbid water treatment by Kenaf fibers: a practical method for individual water supply and remote area. , 0, 76, 225-231.		2
63	A comparison study of granular activated carbon modification by FeCl <sub>3</sub> under acidic and basic condition for arsenic removal from water. , 0, 137, 134-142.		2
64	Short-term impact of two kinds of vegetables to exogenous total nitrate and nitrite intake: Is antibacterial mouthwash influential?. <i>International Journal of Preventive Medicine</i> , 2021, 12, 168.	0.2	2
65	Experimental data on the removal of acid orange 10 dye from aqueous solutions using TiO <sub>2</sub> /Na-Y zeolite and BiVO <sub>4</sub> /Na-Y zeolite nanostructures: A comparison study. <i>Data in Brief</i> , 2021, 35, 106869.	0.5	1
66	Bacterial and Fungal Contamination of Elevator Buttons in University Schools of Isfahan University of Medical Sciences, Isfahan, Iran. <i>Health Scope</i> , 2016, 5, .	0.4	1
67	Ultrasound-enhanced electrochemical mineralization of perfluorooctanoic acid in aqueous solutions: Assessed by response surface methodology. <i>International Journal of Environmental Health Engineering</i> , 2016, 5, 11.	0.4	1
68	Modeling Environmental UV and Gamma Radiations for Health Protection. <i>Health Scope</i> , 2018, In Press, .	0.4	1
69	Removal of BPA from Aqueous Solutions by Electrocoagulation Using iron Electrodes and Optimization. <i>MuhandisÄ«-i BihdÄsht-i Muá¥Ä«á¹</i> ; 2018, 5, 264-276.	0.1	1
70	Exposure Assessment of Total Mercury: A Probabilistic-Approach Study Based on Consumption of Canned Fish. <i>Journal of Environmental Health and Sustainable Development</i> , 0, , .	0.0	1
71	Trends in health burden of untreated water and insanitary environments in Iran, 1990-2010: Findings from the global burden of disease study 2010. <i>Medical Journal of the Islamic Republic of Iran</i> , 2016, 30, 424.	0.9	1
72	Comparison between distilled water and dimethylformamid as solvent to fabricate electrodes coated with single wall carbon nanotubes. <i>International Journal of Environmental Health Engineering</i> , 2016, 5, 3.	0.4	0

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73	Application of catalytic nanopolymers for the removal of Bisphenol A from aqueous solutions: assessed by three statistical modeling strategies. , 0, 79, 338-346.		0
74	Removal of Arsenic and Coliform Bacteria by Modified Sand Filter With Slag and Zeolite from Drinking Water. Health Scope, 2017, In Press, .	0.4	0
75	Optimization and Modeling of Microcystin-LR Degradation by TiO <sub>2</sub> Photocatalyst Using Response Surface Methodology. Journal of Environmental Health and Sustainable Development, 0, , .	0.0	0