

# Afshin Ebrahimi

## List of Publications by Year in descending order

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75  
papers

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567281  
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642732  
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77  
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docs citations

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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.	6.7	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.	2.7	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.	6.0	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.	5.6	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.	3.5	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.	5.3	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.	5.3	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.	7.8	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.	1.0	24
11	Genotoxicity and phytotoxicity comparison of cigarette butt with cigarette ash. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40383-40391.	5.3	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.	5.6	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.	7.8	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.	3.5	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.	5.3	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.	7.8	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.	2.7	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.	3.0	16

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19	Metals, heavy metals and microorganism removal from spent filter backwash water by hybrid coagulation-UF processes. Journal of Water Reuse and Desalination, 2018, 8, 225-233.	2.3	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. Journal of Environmental and Public Health, 2013, 2013, 1-4.	0.9	15
21	The effectiveness of chitosan as coagulant aid in turbidity removal from water. International Journal of Environmental Health Engineering, 2014, 3, 8.	0.4	15
22	Macropollutants removal from compost leachate using membrane separation process. Desalination and Water Treatment, 2016, 57, 7149-7154.	1.0	13
23	Kinetic and isotherm studies of humic acid adsorption onto iron oxide magnetic nanoparticles in aqueous solutions. International Journal of Environmental Health Engineering, 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. Journal of Education and Health Promotion, 2015, 4, 72.	0.6	13
25	A Qualitative Survey of Five Antibiotics in a Water Treatment Plant in Central Plateau of Iran. Journal of Environmental and Public Health, 2013, 2013, 1-9.	0.9	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. International Journal of Environmental Health Engineering, 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. Journal of Research in Medical Sciences, 2020, 25, 61.	0.9	10
29	The effectiveness of polyaluminum ferric chloride (PAFCI) for turbidity and color removal from Isfahan raw water. Desalination and Water Treatment, 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. Desalination and Water Treatment, 2016, 57, 8802-8808.	1.0	9
31	An innovative approach to attached cultivation of Chlorella vulgaris using different materials. Environmental Science and Pollution Research, 2018, 25, 20097-20105.	5.3	9
32	Photocatalytic degradation of microcystin-LR using BiVO <sub>4</sub> photocatalysts under visible light irradiation: modelling by response surface methodology (RSM). International Journal of Environmental Analytical Chemistry, 2020, , 1-18.	3.3	8
33	Determination of polycyclic aromatic hydrocarbons concentration in eight brands of black tea which are used more in Iran. International Journal of Environmental Health Engineering, 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. International Journal of Environmental Health Engineering, 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). Environmental Health Engineering and Management, 2020, 7, 245-256.	0.7	7
36	Heavy metal content in edible salts in Isfahan and estimation of their daily intake via salt consumption. International Journal of Environmental Health Engineering, 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.	5.3	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.	3.0	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.	1.0	6
40	Dataset on the cost estimation for spent filter backwash water (SFBW) treatment. <i>Data in Brief</i> , 2017, 15, 1043-1047.	1.0	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.	3.0	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.	2.7	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, .	0.6	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.	4.9	4
53	CIS-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.	5.3	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.	3.4	3

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55	Effects of oxytetracycline, tylosin, and amoxicillin antibiotics on specific methanogenic activity of anaerobic biomass. International Journal of Environmental Health Engineering, 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). Health Scope, 2016, 6, .	0.6	3
58	Comparative health risk assessment of nitrate in drinking groundwater resources of urban and rural regions (Isfahan, Iran), using GIS. Environmental Monitoring and Assessment, 2021, 193, 794.	2.7	3
59	Qualitative Evaluation of Bottled Water Stored in Polyethylene Terephthalate Based on Organic Chemical Compounds. Anuario Do Instituto De Geociencias, 2016, 39, 29.	0.2	2
60	Association between aluminum and silicon concentrations in Isfahan drinking water and their health risk assessments. International Journal of Preventive Medicine, 2015, 6, 111.	0.4	2
61	Evaluation of new location of Isfahan's sanitary landfill site with Oleckno method. International Journal of Environmental Health Engineering, 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?. International Journal of Preventive Medicine, 2021, 12, 168.	0.4	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. Data in Brief, 2021, 35, 106869.	1.0	1
66	Bacterial and Fungal Contamination of Elevator Buttons in University Schools of Isfahan University of Medical Sciences, Isfahan, Iran. Health Scope, 2016, 5, .	0.6	1
67	Ultrasound-enhanced electrochemical mineralization of perfluorooctanoic acid in aqueous solutions: Assessed by response surface methodology. International Journal of Environmental Health Engineering, 2016, 5, 11.	0.4	1
68	Modeling Environmental UV and Gamma Radiations for Health Protection. Health Scope, 2018, In Press, .	0.6	1
69	Removal of BPA from Aqueous Solutions by Electrocoagulation Using iron Electrodes and Optimization. Muhandis' Bihd'sht-i Muá'á; 2018, 5, 264-276.	0.2	1
70	Exposure Assessment of Total Mercury: A Probabilistic-Approach Study Based on Consumption of Canned Fish. Journal of Environmental Health and Sustainable Development, 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. Medical Journal of the Islamic Republic of Iran, 2016, 30, 424.	0.9	1
72	Comparison between distilled water and dimethylformamid as solvent to fabricate electrodes coated with single wall carbon nanotubes. International Journal of Environmental Health Engineering, 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, .	0.6	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