

Amir Hossein Mahvi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1788729/publications.pdf>

Version: 2024-02-01

222
papers

7,750
citations

47004

47
h-index

82542

72
g-index

228
all docs

228
docs citations

228
times ranked

8058
citing authors

#	ARTICLE	IF	CITATIONS
1	Health risk assessment to fluoride in drinking water of rural residents living in the Poldasht city, Northwest of Iran. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 426-430.	6.0	269
2	Heavy metals removal from aqueous environments by electrocoagulation processâ€“ a systematic review. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 74.	3.0	209
3	Evaluation of groundwater quality using water quality index and its suitability for assessing water for drinking and irrigation purposes: Case study of Sistan and Baluchistan province (Iran). <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 988-1005.	3.4	201
4	Comprehensive systematic review and meta-analysis of dyes adsorption by carbon-based adsorbent materials: Classification and analysis of last decade studies. <i>Chemosphere</i> , 2020, 250, 126238.	8.2	191
5	Fabrication and characterization of a polysulfone-graphene oxide nanocomposite membrane for arsenate rejection from water. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 61.	3.0	171
6	Characteristics and health effects of BTEX in a hot spot for urban pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 155, 133-143.	6.0	165
7	A novel approach in water quality assessment based on fuzzy logic. <i>Journal of Environmental Management</i> , 2012, 112, 87-95.	7.8	140
8	Textile wastewater treatment by application of combined chemical coagulation, electrocoagulation, and adsorption processes. <i>Desalination and Water Treatment</i> , 2016, 57, 9203-9215.	1.0	122
9	Enhanced chromium (VI) removal using activated carbon modified by zero valent iron and silver bimetallic nanoparticles. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 115.	3.0	116
10	Acknowledgement of manuscript reviewers 2014. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 1.	3.0	113
11	Performance evaluation of a continuous bipolar electrocoagulation/electrooxidationâ€“electroflotation (ECEOâ€“EF) reactor designed for simultaneous removal of ammonia and phosphate from wastewater effluent. <i>Journal of Hazardous Materials</i> , 2011, 192, 1267-1274.	12.4	103
12	Assessment of bioaerosol contamination (bacteria and fungi) in the largest urban wastewater treatment plant in the Middle East. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16014-16021.	5.3	99
13	Drinking water quality and arsenic health risk assessment in Sistan and Baluchestan, Southeastern Province, Iran. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 949-965.	3.4	99
14	The adsorption of malachite green (MG) as a cationic dye onto functionalized multi walled carbon nanotubes. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1603-1608.	2.7	97
15	Decolorization of two synthetic dyes using the purified laccase of <i>Paraconiothyrium variabile</i> immobilized on porous silica beads. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 6.	3.0	95
16	Removal of phenol and bisphenol-A catalyzed by laccase in aqueous solution. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 93.	3.0	93
17	Groundwater quality assessment for irrigation purposes based on irrigation water quality index and its zoning with GIS in the villages of Chabahar, Sistan and Baluchistan, Iran. <i>Data in Brief</i> , 2018, 19, 623-631.	1.0	89
18	A systematic literature review for some toxic metals in widely consumed rice types (domestic and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> and <i>Environmental Safety</i> , 2019, 176, 64-75.	6.0	89

#	ARTICLE	IF	CITATIONS
19	Comparison of Moringa stenopetala seed extract as a clean coagulant with Alum and Moringa stenopetala-Alum hybrid coagulant to remove direct dye from Textile Wastewater. Environmental Science and Pollution Research, 2016, 23, 16396-16405.	5.3	88
20	Assessment of tetracycline contamination in surface and groundwater resources proximal to animal farming houses in Tehran, Iran. Journal of Environmental Health Science & Engineering, 2016, 14, 4.	3.0	84
21	Impact of Drinking Water Fluoride on Human Thyroid Hormones: A Case- Control Study. Scientific Reports, 2018, 8, 2674.	3.3	83
22	Human health risk assessment for some toxic metals in widely consumed rice brands (domestic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	83
23	Magnetic adsorption separation process: an alternative method of mercury extracting from aqueous solution using modified chitosan coated Fe_3O_4 nanocomposites. Journal of Chemical Technology and Biotechnology, 2017, 92, 188-200.	3.2	82
24	Magnetic multi-walled carbon nanotubes-loaded alginate for treatment of industrial dye manufacturing effluent: adsorption modelling and process optimisation by central composite face-central design. International Journal of Environmental Analytical Chemistry, 2023, 103, 1509-1529.	3.3	82
25	Adsorption of bisphenol A (BPA) from aqueous solutions by carbon nanotubes: kinetic and equilibrium studies. Desalination and Water Treatment, 2015, 54, 84-92.	1.0	77
26	Integrated Fuzzy AHP-TOPSIS for selecting the best color removal process using carbon-based adsorbent materials: multi-criteria decision making vs. systematic review approaches and modeling of textile wastewater treatment in real conditions. International Journal of Environmental Analytical Chemistry, 2022, 102, 7329-7344.	3.3	76
27	Heavy metals determination in honey samples using inductively coupled plasma-optical emission spectrometry. Journal of Environmental Health Science & Engineering, 2015, 13, 39.	3.0	74
28	Decolorisation of Reactive Red 120 Dye by Using Single-Walled Carbon Nanotubes in Aqueous Solutions. Journal of Chemistry, 2013, 2013, 1-8.	1.9	67
29	Preparation, characterization, and application of activated carbon from low-cost material for the adsorption of tetracycline antibiotic from aqueous solutions. Water Science and Technology, 2016, 74, 2349-2363.	2.5	66
30	Effective adsorption of ciprofloxacin antibiotic using powdered activated carbon magnetized by iron(III) oxide magnetic nanoparticles. Journal of Porous Materials, 2021, 28, 835-852.	2.6	66
31	Bioaccessibility analysis of toxic metals in consumed rice through an in vitro human digestion model " Comparison of calculated human health risk from raw, cooked and digested rice. Food Chemistry, 2019, 299, 125126.	8.2	65
32	Silica-coated magnetite nanoparticles core-shell spheres ($Fe_3O_4@SiO_2$) for natural organic matter removal. Journal of Environmental Health Science & Engineering, 2016, 14, 21.	3.0	64
33	Photo-oxidation of phenol in aqueous solution: Toxicity of intermediates. Korean Journal of Chemical Engineering, 2007, 24, 79-82.	2.7	63
34	Elimination of arsenic contamination from water using chemically modified wheat straw. Desalination and Water Treatment, 2013, 51, 2306-2316.	1.0	62
35	Optimization of sonochemical degradation of tetracycline in aqueous solution using sono-activated persulfate process. Journal of Environmental Health Science & Engineering, 2015, 13, 76.	3.0	62
36	Data on water quality index for the groundwater in rural area Neyshabur County, Razavi province, Iran. Data in Brief, 2017, 15, 901-907.	1.0	62

#	ARTICLE	IF	CITATIONS
37	Study of photochemical and sonochemical processes efficiency for degradation of dyes in aqueous solution. Korean Journal of Chemical Engineering, 2010, 27, 1805-1810.	2.7	61
38	Characterization of saline dust emission resulted from Urmia Lake drying. Journal of Environmental Health Science & Engineering, 2015, 13, 82.	3.0	61
39	The reduction of toxic metals of various rice types by different preparation and cooking processes " Human health risk assessment in Tehran households, Iran. Food Chemistry, 2019, 280, 294-302.	8.2	61
40	Concentration and ecological risk of heavy metal in street dusts of Eslamshahr, Iran. Human and Ecological Risk Assessment (HERA), 2018, 24, 961-970.	3.4	59
41	The concentration data of fluoride and health risk assessment in drinking water in the Ardakan city of Yazd province, Iran. Data in Brief, 2018, 18, 40-46.	1.0	58
42	Landfill site selection using a hybrid system of AHP-Fuzzy in GIS environment: A case study in Shiraz city, Iran. MethodsX, 2019, 6, 1454-1466.	1.6	56
43	A review and investigation of the effect of nanophotocatalytic ozonation process for phenolic compound removal from real effluent of pulp and paper industry. Environmental Science and Pollution Research, 2017, 24, 4105-4116.	5.3	55
44	Application of Electrocoagulation Process Using Iron and Aluminum Electrodes for Fluoride Removal from Aqueous Environment. E-Journal of Chemistry, 2012, 9, 2297-2308.	0.5	53
45	Investigation of photocatalytic degradation of phenol by Fe(III)-doped TiO ₂ and TiO ₂ nanoparticles. Journal of Environmental Health Science & Engineering, 2014, 12, 101.	3.0	52
46	Exposure and health impacts of outdoor particulate matter in two urban and industrialized area of Tabriz, Iran. Journal of Environmental Health Science & Engineering, 2014, 12, 27.	3.0	52
47	Distribution and health risk assessment of heavy metals in soil surrounding a lead and zinc smelting plant in Zanjan, Iran. Human and Ecological Risk Assessment (HERA), 2019, 25, 1018-1033.	3.4	52
48	Advantages and disadvantages of different pre-cooking and cooking methods in removal of essential and toxic metals from various rice types- human health risk assessment in Tehran households, Iran. Ecotoxicology and Environmental Safety, 2019, 175, 128-137.	6.0	52
49	Spatial distribution and contamination of heavy metals in surface water, groundwater and topsoil surrounding Moghan's tannery site in Ardabil, Iran. International Journal of Environmental Analytical Chemistry, 2022, 102, 1049-1059.	3.3	51
50	Adsorption of Acid orange 7 dyes from aqueous solution using Polypyrrole/nanosilica composite: Experimental and modelling. International Journal of Environmental Analytical Chemistry, 2023, 103, 212-229.	3.3	50
51	A new recycling technique for the waste tires reuse. Environmental Research, 2017, 158, 462-469.	7.5	49
52	Long-term exposure to ambient air pollution and autism spectrum disorder in children: A case-control study in Tehran, Iran. Science of the Total Environment, 2018, 643, 1216-1222.	8.0	49
53	Sonocatalytic degradation of tetracycline antibiotic in aqueous solution by sonocatalysis. Toxicological and Environmental Chemistry, 2013, 95, 1680-1689.	1.2	48
54	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.	3.0	48

#	ARTICLE	IF	CITATIONS
55	One-Pot synthesis, characterization and adsorption studies of amine-functionalized magnetite nanoparticles for removal of Cr (VI) and Ni (II) ions from aqueous solution: kinetic, isotherm and thermodynamic studies. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 11.	3.0	48
56	Removal of Pb(II) ion from aqueous solution by graphene oxide and functionalized graphene oxide-thiol: effect of cysteamine concentration on the bonding constant. <i>Desalination and Water Treatment</i> , 2016, 57, 11195-11210.	1.0	47
57	Determination of phthalate acid esters (PAEs) in carbonated soft drinks with MSPE/GC-MS method. <i>Toxin Reviews</i> , 2018, 37, 319-326.	3.4	47
58	Evaluation of corrosion and scaling tendency indices in water distribution system: a case study of Torbat Heydariye, Iran. <i>Desalination and Water Treatment</i> , 2016, 57, 25918-25926.	1.0	46
59	Process modeling, characterization, optimization, and mechanisms of fluoride adsorption using magnetic agro-based adsorbent. <i>Journal of Environmental Management</i> , 2021, 286, 112173.	7.8	46
60	Application of nanofilter in removal of phosphate, fluoride and nitrite from groundwater. <i>Desalination and Water Treatment</i> , 2016, 57, 11782-11788.	1.0	45
61	Potential of amino-riched nano-structured MnFe ₂ O ₄ @cellulose for biosorption of toxic Cr (VI): Modeling, kinetic, equilibrium and comparing studies. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 465-480.	7.5	45
62	Data on the acid black 1 dye adsorption from aqueous solutions by low-cost adsorbent- <i>Cerastoderma lamarcki</i> shell collected from the northern coast of Caspian Sea. <i>Data in Brief</i> , 2018, 17, 774-780.	1.0	45
63	Enhanced fluoride removal over MgFe ₂ O ₄ @chitosan@CaAl nanohybrid: Response surface optimization, kinetic and isotherm study. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 574-590.	7.5	45
64	Spatial and temporal variability of fluoride concentrations in groundwater resources of Larestan and Gerash regions in Iran from 2003 to 2010. <i>Environmental Geochemistry and Health</i> , 2016, 38, 25-37.	3.4	44
65	Quality and quantity of construction and demolition waste in Tehran. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, 14.	3.0	44
66	Relationship between suicide mortality and lithium in drinking water: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2020, 264, 234-241.	4.1	44
67	Dielectric barrier discharge plasma with photocatalysts as a hybrid emerging technology for degradation of synthetic organic compounds in aqueous environments: A critical review. <i>Chemosphere</i> , 2021, 263, 128065.	8.2	44
68	The Role of Lead Exposure on Attention-Deficit/ Hyperactivity Disorder in Children: A Systematic Review. <i>Iranian Journal of Psychiatry</i> , 2016, 11, 1-14.	0.7	44
69	Response surface modeling of lead (Pb) removal by graphene oxide-Fe ₃ O ₄ nanocomposite using central composite design. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 2.	3.0	41
70	Experimental design and response surface modeling for optimization of fluoroquinolone removal from aqueous solution by NaOH-modified rice husk. <i>Desalination and Water Treatment</i> , 2016, 57, 16456-16465.	1.0	41
71	Equilibrium and thermodynamics studies for decolorization of Reactive Black 5 (RB5) by adsorption onto MWCNTs. <i>Desalination and Water Treatment</i> , 2015, 54, 2241-2251.	1.0	40
72	Ultrafiltration of natural organic matter from water by vertically aligned carbon nanotube membrane. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 51.	3.0	38

#	ARTICLE	IF	CITATIONS
73	Influence of upflow velocity on performance and biofilm characteristics of Anaerobic Fluidized Bed Reactor (AFBR) in treating high-strength wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 139.	3.0	37
74	Geochemical study of groundwater conditions with special emphasis on fluoride concentration, Iran. <i>Desalination and Water Treatment</i> , 2016, 57, 22392-22399.	1.0	37
75	Trends of natural and acid-engineered pumice onto phosphorus ions in aquatic environment: adsorbent preparation, characterization, and kinetic and equilibrium modeling. <i>Desalination and Water Treatment</i> , 2015, 54, 3031-3043.	1.0	36
76	Concentration of heavy metals in surface water and sediments of ChahÂNimeh water reservoir in Sistan and Baluchestan province, Iran. <i>Desalination and Water Treatment</i> , 2016, 57, 9332-9342.	1.0	35
77	A comprehensive systematic review of photocatalytic degradation of pesticides using nano TiO ₂ . <i>Environmental Science and Pollution Research</i> , 2021, 28, 13055-13071.	5.3	35
78	Application of response surface methodology for modeling and optimization of trichloroacetic acid and turbidity removal using potassium ferrate(VI). <i>Desalination and Water Treatment</i> , 2016, 57, 25317-25328.	1.0	34
79	Remediation of Heavy Metals Contaminated Silty Clay Loam Soil by Column Extraction with Ethylenediaminetetraacetic Acid and Nitrilo Triacetic Acid. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	1.4	34
80	Human health risk assessment of trace elements in drinking tap water in Zahedan city, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 1163-1169.	3.0	34
81	Statistical modeling and optimization of the phosphorus biosorption by modified <i>Lemna minor</i> from aqueous solution using response surface methodology (RSM). <i>Desalination and Water Treatment</i> , 2016, 57, 19431-19442.	1.0	33
82	Fixed bed adsorption column studies and models for removal of ibuprofen from aqueous solution by strong adsorbent Nano-clay composite. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 753-765.	3.0	33
83	Adsorptive Removal of Azithromycin Antibiotic from Aqueous Solution by <i>Azolla Filiculoides</i> -Based Activated Porous Carbon. <i>Nanomaterials</i> , 2021, 11, 3281.	4.1	33
84	Nitrate removal from aqueous solutions by nanofiltration. <i>Desalination and Water Treatment</i> , 2011, 29, 326-330.	1.0	32
85	Elemental composition of particulate matters around Urmia Lake, Iran. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 17-31.	1.2	32
86	Determination of nitrate concentration and its risk assessment in bottled water in Iran. <i>Data in Brief</i> , 2018, 19, 2133-2138.	1.0	32
87	Prevalence of diarrheal illness and healthcare-seeking behavior by age-group and sex among the population of Gaza strip: a community-based cross-sectional study. <i>BMC Public Health</i> , 2019, 19, 704.	2.9	32
88	Adsorption of acid red18 dye from aqueous solution using single-wall carbon nanotubes: kinetic and equilibrium. <i>Desalination and Water Treatment</i> , 2013, 51, 6507-6516.	1.0	31
89	Sonocatalytic degradation of humic acid by N-doped TiO ₂ nano-particle in aqueous solution. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 3.	3.0	31
90	Assessment of bed sediment metal contamination in the Shadegan and Hawr Al Azim wetlands, Iran. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 107.	2.7	31

#	ARTICLE	IF	CITATIONS
91	Characterization and source identification of trace elements in airborne particulates at urban and suburban atmospheres of Tabriz, Iran. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1703-1713.	5.3	31
92	Endotoxin removal from aqueous solutions with dimethylamine-functionalized graphene oxide: Modeling study and optimization of adsorption parameters. <i>Journal of Hazardous Materials</i> , 2019, 368, 163-177.	12.4	31
93	Risk assessment of heavy metals consumption through onion on human health in Iran. <i>Food Chemistry: X</i> , 2022, 14, 100283.	4.3	31
94	Biodegradation of atrazine from wastewater using moving bed biofilm reactor under nitrate-reducing conditions: A kinetic study. <i>Journal of Environmental Management</i> , 2018, 212, 506-513.	7.8	29
95	Data on microbiological quality assessment of rural drinking water supplies in Poldasht county. <i>Data in Brief</i> , 2018, 17, 763-769.	1.0	29
96	Probabilistic and deterministic approaches to estimation of non-carcinogenic human health risk due to heavy metals in groundwater resources of torbat heydariyeh, southeastern of Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 2536-2550.	3.3	29
97	Detection of parasitic particles in domestic and urban wastewaters and assessment of removal efficiency of treatment plants in Tehran, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 4.	3.0	28
98	Studies on influence of process parameters on simultaneous biodegradation of atrazine and nutrients in aquatic environments by a membrane photobioreactor. <i>Environmental Research</i> , 2018, 161, 599-608.	7.5	28
99	Neuro-fuzzy inference system Prediction of stability indices and Sodium absorption ratio in Lordegan rural drinking water resources in west Iran. <i>Data in Brief</i> , 2018, 18, 255-261.	1.0	28
100	Remarkable reusability of magnetic Fe ₃ O ₄ -graphene oxide composite: a highly effective adsorbent for Cr(VI) ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 3501-3521.	3.3	27
101	Application of Ag-doped TiO ₂ nanoparticle prepared by photodeposition method for nitrate photocatalytic removal from aqueous solutions. <i>Desalination and Water Treatment</i> , 2013, 51, 7137-7144.	1.0	26
102	Removal of inorganic mercury from aquatic environments by multi-walled carbon nanotubes. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 55.	3.0	25
103	The estimation of per capita loadings of domestic wastewater in Tehran. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 25.	3.0	25
104	Photocatalytic degradation of phenol in water. <i>Desalination and Water Treatment</i> , 2010, 20, 197-202.	1.0	24
105	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
106	Distribution of estrogenic steroids in municipal wastewater treatment plants in Tehran, Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 97.	3.0	23
107	Equilibrium and Kinetic Studies of Trihalomethanes Adsorption onto Multi-walled Carbon Nanotubes. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	23
108	Data on health risk assessment to the nitrate in drinking water of rural areas in the Khash city, Iran. <i>Data in Brief</i> , 2018, 21, 1918-1923.	1.0	23

#	ARTICLE	IF	CITATIONS
109	Application of photo-electro oxidation process for amoxicillin removal from aqueous solution: Modeling and toxicity evaluation. Korean Journal of Chemical Engineering, 2019, 36, 713-721.	2.7	23
110	Acid red 18 removal from aqueous solution by nanocrystalline granular ferric hydroxide (GFH); optimization by response surface methodology & genetic-algorithm. Scientific Reports, 2022, 12, 4761.	3.3	23
111	The prevalence of dental fluorosis and exposure to fluoride in drinking water: A systematic review. Journal of Dental Research, Dental Clinics, Dental Prospects, 2016, 10, 127-135.	1.0	22
112	Reactive Dye Adsorption from Aqueous Solution on HPEI-Modified Fe ₃ O ₄ Nanoparticle as a Superadsorbent: Characterization, Modeling, and Optimization. Journal of Polymers and the Environment, 2018, 26, 3470-3483.	5.0	22
113	Kinetic and equilibrium studies on the adsorption of Direct Red 23 dye from aqueous solution using montmorillonite nanoclay. Water Quality Research Journal of Canada, 2020, 55, 132-144.	2.7	22
114	Correlation between Fluoride in Drinking Water and Its Levels in Breast Milk in Golestan Province, Northern Iran. Iranian Journal of Public Health, 2014, 43, 1664-8.	0.5	22
115	Removal of phosphate from aqueous solutions by iron nano-particle resin Lewatit (FO36). Korean Journal of Chemical Engineering, 2012, 29, 473-477.	2.7	21
116	Fenton regeneration of humic acid-spent carbon nanotubes. Desalination and Water Treatment, 2015, 54, 2490-2495.	1.0	21
117	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.	2.4	21
118	Association of suicide with short-term exposure to air pollution at different lag times: A systematic review and meta-analysis. Science of the Total Environment, 2021, 771, 144882.	8.0	21
119	Investigation of Anaerobic Fluidized Bed Reactor/ Aerobic Moving Bed Bio Reactor (AFBR/MMBR) System for Treatment of Currant Wastewater. Iranian Journal of Public Health, 2013, 42, 860-7.	0.5	21
120	Determination of fluoride concentration in powdered milk in Iran 2010. British Journal of Nutrition, 2012, 107, 1077-1079.	2.3	20
121	Evaluation of corrosion and scaling tendency indices in a drinking water distribution system: a case study of Bandar Abbas city, Iran. Journal of Water and Health, 2015, 13, 203-209.	2.6	20
122	Adsorption of cationic dye textile wastewater using Clinoptilolite: isotherm and kinetic study. Journal of the Textile Institute, 2019, 110, 74-80.	1.9	20
123	Solid-phase extraction followed by deep eutectic solvent based dispersive liquid-liquid microextraction and GC-MS detection of the estrogenic compounds in wastewater samples. New Journal of Chemistry, 2020, 44, 9844-9851.	2.8	20
124	The performance of mesoporous magnetite zeolite nanocomposite in removing dimethyl phthalate from aquatic environments. Desalination and Water Treatment, 0, , 1-15.	1.0	19
125	Setting research priorities to achieve long-term health targets in Iran. Journal of Global Health, 2018, 8, 020702.	2.7	19
126	Post-treatment of secondary wastewater treatment plant effluent using a two-stage fluidized bed bioreactor system. Journal of Environmental Health Science & Engineering, 2013, 11, 10.	3.0	18

#	ARTICLE	IF	CITATIONS
127	Simultaneous removal of cationic methylene blue and anionic reactive red 198 dyes using magnetic activated carbon nanoparticles: equilibrium, and kinetics analysis. <i>Water Science and Technology</i> , 2018, 2017, 534-545.	2.5	18
128	Dataset on assessment of physical and chemical quality of groundwater in rural drinking water, west Azerbaijan Province in Iran. <i>Data in Brief</i> , 2018, 21, 556-561.	1.0	18
129	Comprehensive Risk Assessment of Health-Related Hazardous Events in the Drinking Water Supply System from Source to Tap in Gaza Strip, Palestine. <i>Journal of Environmental and Public Health</i> , 2020, 2020, 1-10.	0.9	18
130	Effects of storage time and temperature on the antimony and some trace element release from polyethylene terephthalate (PET) into the bottled drinking water. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 133.	3.0	17
131	Performance evaluation of enhanced SBR in simultaneous removal of nitrogen and phosphorous. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 134.	3.0	17
132	Evaluation of kenaf fibers as moving bed biofilm carriers in algal membrane photobioreactor. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 1-7.	6.0	17
133	Health risk assessment of nitrate and fluoride in bottled water: a case study of Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48955-48966.	5.3	17
134	A bibliometric analysis on the solid waste-related research from 1982 to 2013 in Iran. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2015, 4, 185-195.	2.0	16
135	A novel and inexpensive method for producing activated carbon from waste polyethylene terephthalate bottles and using it to remove methylene blue dye from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 9871-9880.	1.0	16
136	Improvement of Landfill Leachate Biodegradability with Ultrasonic Process. <i>PLoS ONE</i> , 2012, 7, e27571.	2.5	15
137	Measurement of Microcystin -LR in Water Samples Using Improved HPLC Method. <i>Global Journal of Health Science</i> , 2014, 7, 66-70.	0.2	15
138	Development of a novel graphene oxide-blended polysulfone mixed matrix membrane with improved hydrophilicity and evaluation of nitrate removal from aqueous solutions. <i>Chemical Engineering Communications</i> , 2019, 206, 495-508.	2.6	15
139	Municipal solid waste recycling: Impacts on energy savings and air pollution. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 737-753.	1.9	15
140	Monitoring of caffeine concentration in infused tea, human urine, domestic wastewater and different water resources in southeast of Iran- caffeine an alternative indicator for contamination of human origin. <i>Journal of Environmental Management</i> , 2021, 283, 111971.	7.8	15
141	Performance evaluation of ozonation for removal of antibiotic-resistant <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> and genes from hospital wastewater. <i>Scientific Reports</i> , 2021, 11, 24519.	3.3	15
142	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
143	Molecular Typing of <i>Eimeria ahsata</i> and <i>E. crandallis</i> Isolated From Slaughterhouse Wastewater. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e34140.	0.5	14
144	Optimizing ammonia volatilization by air stripping from aquatic solutions using response surface methodology (RSM). <i>Desalination and Water Treatment</i> , 2016, 57, 11765-11772.	1.0	14

#	ARTICLE	IF	CITATIONS
145	The effects of Lahijan landfill leachate on the quality of surface and groundwater resources. International Journal of Environmental Analytical Chemistry, 2022, 102, 558-574.	3.3	14
146	Characteristics and health effects of potentially pathogenic bacterial aerosols from a municipal solid waste landfill site in Hamadan, Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 1057-1067.	3.0	14
147	Turbidity removal from aqueous environments by <i>Pistacia atlantica</i> (Baneh) seed extract as a natural organic coagulant aid. Desalination and Water Treatment, 2015, 56, 977-983.	1.0	13
148	Removal of phosphate from aqueous solutions using modified activated carbon prepared from agricultural waste (<i>Populus caspica</i>): optimization, kinetic, isotherm and thermodynamic studies. , 0, 133, 177-190.		13
149	Preparation and application of oyster shell supported zero valent nano scale iron for removal of natural organic matter from aqueous solutions. Journal of Environmental Health Science & Engineering, 2014, 12, 146.	3.0	12
150	Hierarchical distance-based fuzzy approach to evaluate urban water supply systems in a semi-arid region. Journal of Environmental Health Science & Engineering, 2015, 13, 53.	3.0	12
151	Equilibrium and kinetics studies of Direct blue 71 adsorption from aqueous solutions using modified zeolite. Adsorption Science and Technology, 2018, 36, 80-94.	3.2	12
152	Trihalomethanes in urban drinking water: measuring exposures and assessing carcinogenic risk. Journal of Environmental Health Science & Engineering, 2019, 17, 619-632.	3.0	12
153	Application of electrochemical reactor divided by cellulosic membrane for optimized simultaneous removal of phenols, chromium, and ammonia from tannery effluents. Toxicological and Environmental Chemistry, 2014, 96, 1310-1332.	1.2	11
154	Quantitative and qualitative characteristics of condensate water of home air-conditioning system in Iran. Desalination and Water Treatment, 2015, 53, 1834-1839.	1.0	11
155	Nitrogen and phosphorous removal from aerated lagoon effluent using horizontal roughing filter (HRF). Desalination and Water Treatment, 2016, 57, 5425-5434.	1.0	11
156	Decolorization of Direct Blue 71 solutions using tannic acid/polysulfone thin film nanofiltration composite membrane; preparation, optimization and characterization of anti-fouling. Korean Journal of Chemical Engineering, 2017, 34, 2342-2353.	2.7	11
157	Performance of granular ferric hydroxide process for removal of humic acid substances from aqueous solution based on experimental design and response surface methodology. MethodsX, 2019, 6, 35-42.	1.6	11
158	Antibiotic resistance and antibiotic-resistance genes of <i>Pseudomonas</i> spp. and <i>Escherichia coli</i> isolated from untreated hospital wastewater. Water Science and Technology, 2021, 84, 172-181.	2.5	11
159	Health Risk Assessment of Dermal Exposure to Heavy Metals Content of Chemical Hair Dyes. Iranian Journal of Public Health, 2019, 48, 902-911.	0.5	11
160	Determination of aluminum and zinc in infusion tea cultivated in north of Iran. Journal of Environmental Health Science & Engineering, 2015, 13, 49.	3.0	10
161	REACTIVE DYES (R. BLUE 19 AND R. RED 120) REMOVAL BY A NATURAL COAGULANT: MORINGA OLEIFERA. Environmental Engineering and Management Journal, 2015, 14, 2393-2398.	0.6	10
162	Evaluation of volcanic pumice stone as media in fixed bed sequence batch reactor for atrazine removal from aquatic environments. Water Science and Technology, 2016, 74, 2569-2581.	2.5	9

#	ARTICLE	IF	CITATIONS
163	Determination of bacterial and fungal bioaerosols in municipal solid-waste processing facilities of Tehran. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 865-872.	3.0	9
164	Sulphate removal from aqueous solutions by granular ferric hydroxide. <i>Desalination and Water Treatment</i> , 2016, 57, 23800-23807.	1.0	8
165	Estimating national dioxins and furans emissions, major sources, intake doses, and temporal trends in Iran from 1990 to 2010. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, 20.	3.0	8
166	An innovative swimming pool water quality index (SPWQI) to monitor and evaluate the pools: design and compilation of computational model. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 448.	2.7	8
167	Arsenate removal from aqueous solutions using micellar-enhanced ultrafiltration. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 115-127.	3.0	8
168	Hospital waste generation and management in some provinces of Iran. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 962-969.	1.2	7
169	Possibility of application of kenaf fibers (<i>Hibiscus cannabinus</i> L.) in water hardness reduction. <i>Desalination and Water Treatment</i> , 2014, 52, 6257-6262.	1.0	7
170	Correlation between drinking water fluoride and TSH hormone by ANNs and ANFIS. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 11-18.	3.0	7
171	Effect of dissolved oxygen/ $nZVI$ /persulfate process on the elimination of 4-chlorophenol from aqueous solution: Modeling and optimization study. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1128-1136.	2.7	7
172	Data on heavy metal concentration in common carp fish consumed in Shiraz, Iran. <i>Data in Brief</i> , 2018, 21, 1890-1894.	1.0	7
173	Households' behavior and social-environmental aspects of using bag dustbin for waste recovery in Tehran. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 1067-1076.	3.0	7
174	Investigation of seasonal variation and probabilistic risk assessment of BTEX emission in municipal solid waste transfer station. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6626-6639.	3.3	7
175	Relationship of fluoride in drinking water with blood pressure and essential hypertension prevalence: a systematic review and meta-analysis. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1137-1146.	2.3	7
176	Assessment of non-carcinogenic health risk of nitrate of groundwater in Kashan, Central Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4641-4653.	3.3	7
177	Relationship between algae diversity and water quality- a case study: Chah Niemeh reservoir Southeast of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 437-443.	3.0	7
178	The Interaction between Heterotrophic Bacteria and Coliform, Fecal Coliform, Fecal Streptococci Bacteria in the Water Supply Networks. <i>Iranian Journal of Public Health</i> , 2015, 44, 1685-92.	0.5	7
179	Biosorption of cadmium and copper ions from industrial wastewaters by waste activated sludge. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-9.	3.3	6
180	Evaluating the exposure of general population of Tehran with volatile organic compounds (BTEX). <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-11.	3.3	6

#	ARTICLE	IF	CITATIONS
181	Fish and shrimp waste management at household and market in Bushehr, Iran. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 1394-1403.	3.0	6
182	Exposure to ambient air pollution and socio-economic status on intelligence quotient among schoolchildren in a developing country. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2024-2034.	5.3	6
183	A FUZZY MULTI-CRITERIA DECISION MAKING APPROACH FOR EVALUATING THE HEALTH-CARE WASTE TREATMENT ALTERNATIVES. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2795-2805.	0.6	6
184	Freezing process " a new approach for nitrate removal from drinking water. , 0, 130, 109-116.		6
185	Modeling of Environmental Factors Affecting the Prevalence of Zoonotic and Anthroponotic Cutaneous, and Zoonotic Visceral Leishmaniasis in Foci of Iran: a Remote Sensing and GIS Based Study. <i>Journal of Arthropod-Borne Diseases</i> , 2018, 12, 41-66.	0.9	6
186	The Relation of Cancer Risk with Nitrate Exposure in Drinking Water in Iran. <i>Iranian Journal of Public Health</i> , 2019, 48, 362-364.	0.5	6
187	Diazinon pesticide photocatalytic degradation in aqueous matrices based on reductive agent release in iodide exciting under UV Irradiation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 58078-58087.	5.3	6
188	Exposure sources of polychlorinated biphenyls (PCBs) and health risk assessment: a systematic review in Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 55437-55456.	5.3	6
189	Application of novel Modified Biological Aerated Filter (MBAF) as a promising post-treatment for water reuse: Modification in configuration and backwashing process. <i>Journal of Environmental Management</i> , 2017, 203, 191-199.	7.8	5
190	Hybrid coagulation-UF processes for spent filter backwash water treatment: a comparison studies for PAFCl and FeCl ₃ as a pre-treatment. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 387.	2.7	5
191	Data on assessing fluoride risk in bottled waters in Iran. <i>Data in Brief</i> , 2018, 20, 825-830.	1.0	5
192	Monitoring of microcystin-LR concentration in water reservoir. , 0, 126, 345-349.		5
193	Optimization and Modelling of Chemical Oxygen Demand Removal by ANAMMOX Process Using Response Surface Methodology. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	1.9	4
194	Data on using macro invertebrates to investigate the biological integrity of permanent streams located in a semi-arid region. <i>Data in Brief</i> , 2018, 19, 542-547.	1.0	4
195	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-16.	3.3	4
196	Municipal Solid Waste Characterization, Tehran-Iran. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 759-769.	0.5	4
197	Performance evaluation of montmorillonite and modified montmorillonite by polyethyleneimine in removing arsenic from water resources. <i>Desalination and Water Treatment</i> , 2016, 57, 21645-21653.	1.0	3
198	Predicting TOC removal efficiency in hybrid biological aerated filter using artificial neural network. <i>Desalination and Water Treatment</i> , 2016, 57, 20283-20291.	1.0	3

#	ARTICLE	IF	CITATIONS
199	Application of low purity horseradish peroxidase enzyme to removal of oil from oily wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 19760-19767.	1.0	3
200	Optimization of the synthesis and operational parameters for NOM removal with response surface methodology during nano-composite membrane filtration. <i>Water Science and Technology</i> , 2018, 77, 1558-1569.	2.5	3
201	Gamma radiation in the mineral hot springs of Ardabil, Iran: Assessment of Environmental Dose Rate and health risk for swimmers. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 431.	2.7	3
202	Application of photoelectro-fenton process modified with porous cathode electrode in removing resistant organic compounds from aquatic solutions: modeling, toxicity and kinetics. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 969-977.	2.7	3
203	Contamination level and human non-carcinogenic risk assessment of diazinon pesticide residue in drinking water resources – a case study, IRAN. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4726-4737.	3.3	3
204	Bio-efficacy of ultrasound exposure against immature stages of common house mosquitoes under laboratory conditions. <i>International Journal of Radiation Biology</i> , 2020, 96, 937-942.	1.8	3
205	Optimisation and modelling of direct blue 86 removal from aqueous solutions by cationic surfactant enhanced ultrafiltration. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 8129-8140.	3.3	3
206	Data on emerging sulfur dioxide in the emission of natural gas heater in winter. <i>Data in Brief</i> , 2018, 20, 1764-1768.	1.0	2
207	Comparative investigation of argon and argon/oxygen plasma performance for Perchloroethylene (PCE) removal from aqueous solution: optimization and kinetic study. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 277-287.	3.0	2
208	Developing environmental health indicators [EHIs] for Iran based on the causal effect model. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 273-279.	3.0	2
209	Transformers polychlorinated biphenyls analysis and waste management in gas companies, case study: Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-9.	3.3	2
210	Comparison of the Toxic Effects of Pristine and Photocatalytically Used TiO ₂ Nanoparticles in Mice. <i>Biological Trace Element Research</i> , 2021, , 1.	3.5	2
211	Performance evaluation and siting index of the stabilization ponds based on environmental parameters: a case study in Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1681-1700.	3.0	2
212	Investigating the effects of vermicomposting process using <i>Eisenia Fetida</i> earthworms on the reduction of parasites population. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1623-1633.	3.0	2
213	Quantification and health risk assessment of nitrate in southern districts of Tehran, Iran. <i>Journal of Water Reuse and Desalination</i> , 2022, 12, 274-288.	2.3	2
214	Adsorption of bisphenol A (BPA) from aqueous solutions by carbon nanotubes: kinetic and equilibrium studies. <i>Desalination and Water Treatment</i> , 2015, 54, (iii)-(iii).	1.0	1
215	Spatiotemporal variation of drying and salinity water basin on the quality of coastal aquifers using geographic information system. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	1
216	Designing and modeling of a novel electrolysis reactor using porous cathode to produce H ₂ O ₂ as an oxidant. <i>MethodsX</i> , 2019, 6, 1305-1312.	1.6	1

#	ARTICLE	IF	CITATIONS
217	Reducing free residual chlorine using four simple physical methods in drinking water: effect of different parameters, monitoring microbial regrowth of culturable heterotrophic bacteria, and kinetic and thermodynamic studies. <i>Toxin Reviews</i> , 2020, , 1-14.	3.4	1
218	Nitrate content of coconut water and its possible risk assessment. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15536.	2.0	1
219	Acknowledgement of manuscript reviewers 2015. <i>Journal of Environmental Health Science & Engineering</i> , 2016, 14, 1.	3.0	0
220	Removal of benzo [a]pyrene vapours from the air stream using the two-phase partitioning bioscrubber: an intervention study. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-15.	3.3	0
221	Exposure to Ambient Air Pollution Before First Breath and Risk of Autism: a Population-Based Study in Tehran, Iran. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
222	Analyzing the Impact of Large Dams on Seismicity Patterns around Their Locations. <i>Archives of Hydroengineering and Environmental Mechanics</i> , 2021, 68, 3-17.	1.3	0