Mahmood Yousefi

List of Publications by Year
in descending order

87	4,953	76196	106150
papers	citations	40 h-index	65 g-index

88	88	88	3588
all docs	docs citations	times ranked	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. Ecotoxicology and Environmental Safety, 2018, 148, 426-430.	2.9	269
2	Carcinogenic and non-carcinogenic health risk assessment of heavy metals in drinking water of Khorramabad, Iran. MethodsX, 2019, 6, 1642-1651.	0.7	257
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). Human and Ecological Risk Assessment (HERA), 2019, 25, 988-1005.	1.7	201
4	Chlorination disinfection by-products in municipal drinking water â€“ A review. Journal of Cleaner Production, 2020, 273, 123159.	4.6	193
5	Recent trends in disposal and treatment technologies of emerging-pollutants- A critical review. TrAC - Trends in Analytical Chemistry, 2020, 122, 115744.	5.8	185
6	Carcinogenic and Non-carcinogenic Risk Assessment of Heavy Metals in Groundwater Wells in Neyshabur Plain, Iran. Biological Trace Element Research, 2019, 190, 251-261.	1.9	181
7	Occurrence, sources and conventional treatment techniques for various antibiotics present in hospital wastewaters: A critical review. TrAC - Trends in Analytical Chemistry, 2020, 129, 115921.	5.8	172
8	Application of advanced oxidation processes followed by different treatment technologies for hospital wastewater treatment. Journal of Cleaner Production, 2020, 269, 122411.	4.6	140
9	High-performance removal of diazinon pesticide from water using multi-walled carbon nanotubes. Microchemical Journal, 2019, 145, 486-491.	2.3	136
10	Assessment of Heavy Metal Pollution and Human Health Risks Assessment in Soils Around an Industrial Zone in Neyshabur, Iran. Biological Trace Element Research, 2020, 195, 343-352.	1.9	131
11	Skeletal fluorosis in relation to drinking water in rural areas of West Azerbaijan, Iran. Scientific Reports, 2017, 7, 17300.	1.6	121
12	Distribution of fluoride contamination in drinking water resources and health risk assessment using geographic information system, northwest Iran. Regulatory Toxicology and Pharmacology, 2019, 107, 104408.	1.3	112
13	Municipal solid waste management during COVID-19 pandemic: effects and repercussions. Environmental Science and Pollution Research, 2021, 28, 32200-32209.	2.7	109
14	Adsorptive removal of cobalt(II) from aqueous solutions using multi-walled carbon nanotubes and Î³-alumina as novel adsorbents: Modelling and optimization based on response surface methodology and artificial neural network. Journal of Molecular Liquids, 2020, 299, 112154.	2.3	100
15	Drinking water quality and arsenic health risk assessment in Sistan and Baluchestan, Southeastern Province, Iran. Human and Ecological Risk Assessment (HERA), 2019, 25, 949-965.	1.7	99
16	Cadmium in Groundwater Consumed in the Rural Areas of Gonabad and Bajestan, Iran: Occurrence and Health Risk Assessment. Biological Trace Element Research, 2019, 192, 106-115.	1.9	94
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. Data in Brief, 2018, 19, 623-631.	0.5	89
18	Assessment of groundwater quality and evaluation of scaling and corrosiveness potential of drinking water samples in villages of Chabahr city, Sistan and Baluchistan province in Iran. Data in Brief, 2018, 16, 182-192.	0.5	87

#	Article	IF	Citations
19	Association of Hypertension, Body Mass Index, and Waist Circumference with Fluoride Intake; Water Drinking in Residents of Fluoride Endemic Areas, Iran. Biological Trace Element Research, 2018, 185, 282-288.	1.9	73
20	Comparison of LSSVM and RSM in simulating the removal of ciprofloxacin from aqueous solutions using magnetization of functionalized multi-walled carbon nanotubes: Process optimization using GA and RSM techniques. Journal of Environmental Chemical Engineering, 2021, 9, 105677.	3.3	72
21	Modeling and optimizing parameters affecting hexavalent chromium adsorption from aqueous solutions using Ti-XAD7 nanocomposite: RSM-CCD approach, kinetic, and isotherm studies. Journal of Environmental Health Science & Engineering, 2019, 17, 873-888.	1.4	69
22	Association between heavy metals and colon cancer: an ecological study based on geographical information systems in North-Eastern Iran. BMC Cancer, 2021, 21, 414.	1.1	65
23	Data on water quality index for the groundwater in rural area Neyshabur County, Razavi province, Iran. Data in Brief, 2017, 15, 901-907.	0.5	62
24	Adsorptive removal of noxious cadmium from aqueous solutions using poly urea-formaldehyde: A novel polymer adsorbent. MethodsX, 2018, 5, 1148-1155.	0.7	62
25	Process optimization and enhancement of pesticide adsorption by porous adsorbents by regression analysis and parametric modelling. Scientific Reports, 2021, 11, 11719.	1.6	59
26	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.	0.5	58
27	Non-Carcinogenic Health Risk Assessment due to Fluoride Exposure from Tea Consumption in Iran Using Monte Carlo Simulation. International Journal of Environmental Research and Public Health, 2019, 16, 4261.	1.2	58
28	Health risk assessment of heavy metals in cosmetic products sold in Iran: the Monte Carlo simulation. Environmental Science and Pollution Research, 2020, 27, 7588-7595.	2.7	58
29	Data on assessment of groundwater quality for drinking and irrigation in rural area Sarpol-e Zahab city, Kermanshah province, Iran. Data in Brief, 2018, 17, 148-156.	0.5	57
30	Evaluation of phosphate removal from aqueous solution using metal organic framework; isotherm, kinetic and thermodynamic study. Journal of Environmental Health Science & Engineering, 2019, 17, 209-218.	1.4	56
31	Evaluation of water corrosion, scaling extent and heterotrophic plate count bacteria in asbestos and polyethylene pipes in drinking water distribution system. Human and Ecological Risk Assessment (HERA), 2018, 24, 1138-1149.	1.7	54
32	Data on corrosion and scaling potential of drinking water resources using stability indices in Jolfa, East Azerbaijan, Iran. Data in Brief, 2018, 16, 724-731.	0.5	54
33	Performance evaluation of agro-based adsorbents for the removal of cadmium from wastewater. , 0, 142, 293-299.		53
34	Health risk assessment to fluoride and nitrate in drinking water of rural residents living in the Bardaskan city, arid region, southeastern Iran. , 0, 145, 249-256.		52
35	Assessing fluoride and nitrate contaminants in drinking water resource and their health risk assessment in a semiarid region of southwest Iran. , 0, 149, 43-51.		51
36	Data on assessment of groundwater quality with application of ArcGIS in Zanjan, Iran. Data in Brief, 2018, 18, 375-379.	0.5	50

#	Article	IF	Citations
37	Enhanced Kinetic Removal of Ciprofloxacin onto Metal-Organic Frameworks by Sonication, Process Optimization and Metal Leaching Study. Nanomaterials, 2019, 9, 1422.	1.9	49
38	Performance investigation of Zeolitic Imidazolate Framework â€“ 8 (ZIF-8) in the removal of trichloroethylene from aqueous solutions. Microchemical Journal, 2019, 150, 104185.	2.3	47
39	Data on the acid black 1 dye adsorbtion from aqueous solutions by low-cost adsorbent- Cerastoderma lamarcki shell collected from the northern coast of Caspian Sea. Data in Brief, 2018, 17, 774-780.	0.5	45
40	Health risk assessment techniques to evaluate non-carcinogenic human health risk due to fluoride, nitrite and nitrate using Monte Carlo simulation and sensitivity analysis in Groundwater of Khaf County, Iran. International Journal of Environmental Analytical Chemistry, 2022, 102, 1793-1813.	1.8	44
41	Fluoride concentration level in rural area in Poldasht city and daily fluoride intake based on drinking water consumption with temperature. Data in Brief, 2017, 13, 312-315.	0.5	43
42	Data on trend changes of drinking groundwater resources quality: A case study in Abhar. Data in Brief, 2018, 17, 424-430.	0.5	43
43	Assessment of groundwater quality around municipal solid waste landfill by using Water Quality Index for groundwater resources and multivariate statistical technique: a case study of the landfill site, Qaem Shahr City, Iran. Environmental Geochemistry and Health, 2020, 42, 1305-1319.	1.8	43
44	Prediction of human exposure and health risk assessment to trihalomethanes in indoor swimming pools and risk reduction strategy. Human and Ecological Risk Assessment (HERA), 2019, 25, 2098-2115.	1.7	42
45	High Concentration of Fluoride Can Be Increased Risk of Abortion. Biological Trace Element Research, 2018, 185, 262-265.	1.9	41
46	Using the combined model of gamma test and neuro-fuzzy system for modeling and estimating lead bonds in reservoir sediments. Environmental Science and Pollution Research, 2018, 25, 30315-30324.	2.7	41
47	Modification of pumice with HCl and NaOH enhancing its fluoride adsorption capacity: Kinetic and isotherm studies. Human and Ecological Risk Assessment (HERA), 2019, 25, 1508-1520.	1.7	41
48	Northwest of Iran as an endemic area in terms of fluoride contamination: a case study on the correlation of fluoride concentration with physicochemical characteristics of groundwater sources in Showt. , 0, 155, 183-189.		40
49	Spatial Distribution Variation and Probabilistic Risk Assessment of Exposure to Fluoride in Ground Water Supplies: A Case Study in an Endemic Fluorosis Region of Northwest Iran. International Journal of Environmental Research and Public Health, 2019, 16, 564.	1.2	37
50	Data on fluoride concentration levels in cold and warm season in City area of Sistan and Baluchistan Province, Iran. Data in Brief, 2018, 18, 713-718.	0.5	35
51	Protocol for the estimation of drinking water quality index (DWQI) in water resources: Artificial neural network (ANFIS) and Arc-Gis. MethodsX, 2019, 6, 1021-1029.	0.7	34
52	Assessment of the Health Risk Induced by Accumulated Heavy Metals from Anaerobic Digestion of Biological Sludge of the Lettuce. Biological Trace Element Research, 2019, 188, 514-520.	1.9	33
53	Data on fluoride concentration levels in cold and warm season in rural area of Shout (West) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.5	32
54	Determination of nitrate concentration and its risk assessment in bottled water in Iran. Data in Brief, 2018, 19, 2133-2138.	0.5	32

#	Article	IF	Citations
55	Removal of phosphate from aqueous solutions using granular ferric hydroxide process optimization by response surface methodology. , 0, 158, 290-300.		32
56	Data on fluoride concentration in drinking water resources in Iran: A case study of Fars province; Larestan region. Data in Brief, 2018, 19, 842-846.	0.5	30
57	Data on microbiological quality assessment of rural drinking water supplies in Poldasht county. Data in Brief, 2018, 17, 763-769.	0.5	29
58	Neuro-fuzzy inference system Prediction of stability indices and Sodium absorption ratio in Lordegan rural drinking water resources in west Iran. Data in Brief, 2018, 18, 255-261.	0.5	28
59	Association of consumption of excess hard water, body mass index and waist circumference with risk of hypertension in individuals living in hard and soft water areas. Environmental Geochemistry and Health, 2019, 41, 1213-1221.	1.8	27
60	Upgrading combined anaerobic-aerobic UASB-FPU to UASB-DHS system: Cost comparison and performance perspective for developing countries. Journal of Cleaner Production, 2021, 284, 124723.	4.6	27
61	Study of particle number size distributions at Azadi terminal in Tehran, comparing high-traffic and no traffic area. MethodsX, 2018, 5, 1549-1555.	0.7	26
62	Embedding of Lâ€“Arginine into graphene oxide (GO) for endotoxin removal from water: Modeling and optimization approach. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 607, 125491.	2.3	24
63	Challenges on the recycling of cigarette butts. Environmental Science and Pollution Research, 2021, 28, 30452-30458.	2.7	24
64	The effect of the decreasing level of Urmia Lake on particulate matter trends and attributed health effects in Tabriz, Iran. Microchemical Journal, 2020, 153, 104434.	2.3	23
65	The data on the dispersion modeling of traffic-related PM10 and CO emissions using CALINE3; A case study in Tehran, Iran. Data in Brief, 2018, 19, 2284-2290.	0.5	22
66	Efficiency of ultrasound for degradation of an anionic surfactant from water: Surfactant determination using methylene blue active substances method. MethodsX, 2019, 6, 805-814.	0.7	22
67	Spatio-seasonal variation, distribution, levels, and risk assessment of airborne asbestos concentration in the most industrial city of Iran: effect of meteorological factors. Environmental Science and Pollution Research, 2021, 28, 16434-16446.	2.7	18
68	Comparative efficacy of hospital disinfectants against nosocomial infection pathogens. Antimicrobial Resistance and Infection Control, 2020, 9, 115.	1.5	16
69	Dataset on the knowledge, attitude and practices of biomedical wastes management among Neyshabur hospitalâ€™s healthcare personnel. Data in Brief, 2018, 17, 1015-1019.	0.5	15
70	Influence of postharvest application of chitosan combined with ethanolic extract of liquorice on shelflife of apple fruit. Journal of Environmental Health Science & Engineering, 2019, 17, 331-336.	1.4	15
71	Evaluation of the physical and chemical characteristics of water on the removal efficiency of rotavirus in drinking water treatment plants and change in induced health risk. Chemical Engineering Research and Design, 2019, 130, 6-13.	2.7	14
72	Comparative study of RSM and ANN for multiple target optimisation in coagulation/precipitation process of contaminated waters: mechanism and theory. International Journal of Environmental Analytical Chemistry, 2022, 102, 8519-8537.	1.8	12

#	Article	IF	Citations
73	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.	0.7	11
74	The electrochemical removal of bacteria from drinking water. , 0, 160, 110-115.		10
75	Assessment health status of ICU medical equipment levels at Neyshabur hospitals using ICNA and ACC indices. MethodsX, 2018, 5, 1364-1372.	0.7	9
76	Data on microbiological quality assessment of rural drinking water supplies in Tiran County, Isfahan province, Iran. Data in Brief, 2018, 18, 1122-1126.	0.5	8
77	An innovative swimming pool water quality index (SPWQI) to monitor and evaluate the pools: design and compilation of computational model. Environmental Monitoring and Assessment, 2019, 191, 448.	1.3	8
78	Fluoride removal from aqueous solution by municipal solid waste compost ash: kinetics, and isotherms studies. International Journal of Environmental Analytical Chemistry, 2022, 102, 2937-2949.	1.8	8
79	Monitoring of salt iodisation programme in Iran; Health outcomes, shortages and perspective. Journal of Trace Elements in Medicine and Biology, 2019, 52, 6-11.	1.5	6
80	Levels of formaldehyde in residential indoor air of Gonabad, Iran. Human and Ecological Risk Assessment (HERA), 2020, 26, 483-494.	1.7	6
81	Spatial and temporal variation of physicochemical and microbial quality of drinking water for the distribution network in Maku, Iran. , 0, 142, 82-89.		5
82	Experimental data of designing an optimal system for storage, collection and transfer of household waste in the GIS environment: A case study of Tehran, district 22, Iran. Data in Brief, 2018, 19, 1605-1613.	0.5	4
83	Assessment of indoor radon concentration in residential homes and public places in south of Tehran, Iran. Environmental Earth Sciences, 2019, 78, 1.	1.3	4
84	Assess the annual effective dose and contribute to risk of lung cancer caused by internal radon 222 in 22 regions of Tehran, Iran using geographic information system. Journal of Environmental Health Science & Engineering, 2020, 18, 211-220.	1.4	3
85	The influence of the use of improved sanitation facilities and improved drinking-water sources on the diarrhea-associated deaths in children under 5Âyears. Human and Ecological Risk Assessment (HERA), 2019, 25, 1234-1241.	1.7	2
86	Spatiotemporal variation of drying and salinity water basin on the quality of coastal aquifers using geographic information system. Environmental Earth Sciences, 2019, 78, 1.	1.3	1
87	The effect of salt basins on the trend of groundwater quality changes in the surrounding basins (case study: Tabriz plain, northwest of Iran). , 0, 137, 403-411.		0