

# Zargham Mohammadi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

307  
citations

758635

12  
h-index

887659

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Method of leakage study at the karst dam site. A case study: Khersan 3 Dam, Iran. <i>Environmental Geology</i> , 2007, 52, 1053-1065.	1.2	40
2	Assessing flow paths in a karst aquifer based on multiple dye tracing tests using stochastic simulation and the MODFLOW-CFP code. <i>Hydrogeology Journal</i> , 2017, 25, 1679-1702.	0.9	23
3	Effect of annual rainfall amount on characteristics of karst spring hydrograph. <i>Carbonates and Evaporites</i> , 2014, 29, 279-289.	0.4	21
4	Annual safe groundwater yield in a semiarid basin using combination of water balance equation and water table fluctuation. <i>Journal of African Earth Sciences</i> , 2017, 134, 241-248.	0.9	21
5	Optimization of the hydrodynamic characteristics of a karst conduit with CFPv2 coupled to OSTRICH. <i>Journal of Hydrology</i> , 2018, 567, 564-578.	2.3	20
6	A dye-tracing test as an aid to studying karst development at an artesian limestone sub-aquifer: Zagros Zone, Iran. <i>Environmental Geology</i> , 2007, 52, 587-594.	1.2	19
7	Assessing hydrochemical evolution of groundwater in limestone terrain via principal component analysis. <i>Environmental Earth Sciences</i> , 2009, 59, 429-439.	1.3	18
8	Bisphenol A (BPA) and polycyclic aromatic hydrocarbons (PAHs) in the surface sediment and bivalves from Hormozgan Province coastline in the Northern Persian Gulf: A focus on source apportionment. <i>Marine Pollution Bulletin</i> , 2020, 152, 110941.	2.3	17
9	Characteristics, distribution, source apportionment, and potential health risk assessment of polycyclic aromatic hydrocarbons in urban street dust of Kerman metropolis, Iran. <i>International Journal of Environmental Health Research</i> , 2019, 29, 668-685.	1.3	17
10	Detection of karst conduit patterns via hydraulic tomography: A synthetic inverse modeling study. <i>Journal of Hydrology</i> , 2019, 572, 131-147.	2.3	16
11	Review of Laboratory Scale Models of Karst Aquifers: Approaches, Similitude, and Requirements. <i>Ground Water</i> , 2021, 59, 163-174.	0.7	15
12	The Effect of Hydraulic Gradient and Pattern of Conduit Systems on Tracing Tests: Benchâ€Scale Modeling. <i>Ground Water</i> , 2019, 57, 110-125.	0.7	14
13	Heavy metal(loid) pollution of a hard-rock aquifer: evidence, distribution, and source. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34742-34761.	2.7	11
14	Hydrogeological characterization of flow system in a karstic aquifer, Seymareh dam, Iran. <i>Journal of African Earth Sciences</i> , 2018, 143, 266-277.	0.9	9
15	Analysis of rock quality designation (RQD) and Lugeon values in a karstic formation using the sequential indicator simulation approach, Karun IV Dam site, Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 771-782.	1.6	8
16	Distribution and origin of potentially toxic elements in a multi-aquifer system. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43724-43742.	2.7	5
17	The Effects of Exchange Flow on the Karst Spring Hydrograph under the Different Flow Regimes: A Synthetic Modeling Approach. <i>Water (Switzerland)</i> , 2021, 13, 1189.	1.2	5
18	On the Temporal Behavior of Karst Aquifers, zagros Region, Iran: A Geostatistical Approach. <i>Journal of Cave and Karst Studies</i> , 2009, , 210-226.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Assessment of groundwater vulnerability in an urban area: a comparative study based on DRASTIC, EBF, and LR models. <i>Environmental Science and Pollution Research</i> , 2022, 29, 72908-72928.	2.7	5
20	Combined Use of Geostatistics and Multi-Criteria Decision Analysis to Determine New Pumping Well Locations in the Gol-Gohar Open Pit Mine, Iran. <i>Mine Water and the Environment</i> , 2017, 36, 283-298.	0.9	4
21	Hydrogeological characterization of the Asmari limestone aquifer, Anar anticline, Zagros Region, Iran. <i>Carbonates and Evaporites</i> , 2018, 33, 29-41.	0.4	4
22	Breakthrough curves of dye tracing tests in karst aquifers: Review of effective parameters based on synthetic modeling and field data. <i>Journal of Hydrology</i> , 2021, 602, 126604.	2.3	4
23	Hydrogeological characterization of Dasht-e-Arjan Lake (Zagros Mountains, Iran): clarifying a long-time question. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	3
24	Polycyclic aromatic hydrocarbons in urban and industrial soils of Kerman, the largest city in southeast of Iran: status, source apportionment, ecotoxicology, and health risk assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-19.	1.8	2
25	Assessment of groundwater depletion in a heterogeneous aquifer: historical reconnaissance and current situation. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	1