

Ali Akbar Hekmatzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

405
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of nitrate removal for ion exchange resin in batch and fixed bed experiments. <i>Desalination</i> , 2012, 284, 22-31.	8.2	71
2	Unsustainability Syndromeâ€”From Meteorological to Agricultural Drought in Arid and Semi-Arid Regions. <i>Water (Switzerland)</i> , 2020, 12, 838.	2.7	46
3	Adsorption kinetics of nitrate ions on ion exchange resin. <i>Desalination</i> , 2013, 326, 125-134.	8.2	45
4	Urban flood risk mapping using data-driven geospatial techniques for a flood-prone case area in Iran. <i>Hydrology Research</i> , 2020, 51, 127-142.	2.7	39
5	Analysis of Effective Environmental Flow Release Strategies for Lake Urmia Restoration. <i>Water Resources Management</i> , 2018, 32, 3595-3609.	3.9	38
6	Reliability analysis of stability against piping and sliding in diversion dams, considering four cutoff wall configurations. <i>Computers and Geotechnics</i> , 2018, 98, 217-231.	4.7	32
7	New indices for assessing changes in seasons and in timing characteristics of air temperature. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1247-1261.	2.8	26
8	Variation in physical characteristics of rainfall in Iran, determined using daily rainfall concentration index and monthly rainfall percentage index. <i>Theoretical and Applied Climatology</i> , 2021, 144, 507-520.	2.8	25
9	The mirage water concept and an index-based approach to quantify causes of hydrological changes in semi-arid regions. <i>Hydrological Sciences Journal</i> , 2020, 65, 311-324.	2.6	19
10	Investigation of Energy Dissipation on Various Configurations of Stepped Spillways Considering Several RANS Turbulence Models. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2018, 42, 97-109.	1.9	16
11	On the nonlinear dynamic analysis of base-isolated three-dimensional rectangular thin-walled steel tanks equipped with vertical baffle. <i>Thin-Walled Structures</i> , 2019, 138, 79-94.	5.3	16
12	The effects of extremes and temporal scale on multifractal properties of river flow time series. <i>River Research and Applications</i> , 2020, 36, 171-182.	1.7	10
13	Assessing the Efficiency of Seepage Control Measures in Earthfill Dams. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 5667-5680.	1.7	7
14	Mathematical modeling of the Ni(II) removal from aqueous solutions onto pre-treated rice husk in fixed-bed columns: a comparison. <i>Desalination and Water Treatment</i> , 0, , 1-12.	1.0	6
15	Probabilistic simulation of advection-reaction-dispersion equation using random lattice Boltzmann method. <i>International Journal of Heat and Mass Transfer</i> , 2019, 144, 118647.	4.8	4
16	Evaluation of a Selective Resin in Loadingâ€”Regeneration Cycles for the Removal of Nitrate from Groundwater. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2016, 40, 367-376.	1.9	3
17	Modeling Contaminant Transport in Fine Sands: Three-Dimensional Sandbox Experiments and Numerical Simulation. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 2377-2392.	1.9	2