

Ali Akbar Hekmatzadeh

List of Publications by Year in descending order

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papers

405
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840776

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17
docs citations

17
times ranked

451
citing authors

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