

Hamed Ketabchi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

659
citations

11
h-index

18
g-index

18
ext. papers

774
ext. citations

4.1
avg. IF

4.67
L-index

#	Paper	IF	Citations
18	Sea-level rise impacts on seawater intrusion in coastal aquifers: Review and integration. <i>Journal of Hydrology</i> , 2016 , 535, 235-255	6	154
17	Evolutionary algorithms for the optimal management of coastal groundwater: A comparative study toward future challenges. <i>Journal of Hydrology</i> , 2015 , 520, 193-213	6	79
16	Sea-level rise impact on fresh groundwater lenses in two-layer small islands. <i>Hydrological Processes</i> , 2014 , 28, 5938-5953	3.3	75
15	Elitist Continuous Ant Colony Optimization Algorithm for Optimal Management of Coastal Aquifers. <i>Water Resources Management</i> , 2011 , 25, 165-190	3.7	64
14	Review: Coastal groundwater optimization—Advances, challenges, and practical solutions. <i>Hydrogeology Journal</i> , 2015 , 23, 1129-1154	3.1	60
13	Optimal Management of a Freshwater Lens in a Small Island Using Surrogate Models and Evolutionary Algorithms. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014 , 19, 339-354	1.8	49
12	Uncertainty-based simulation-optimization using Gaussian process emulation: Application to coastal groundwater management. <i>Journal of Hydrology</i> , 2017 , 555, 518-534	6	44
11	Conceptualization of a fresh groundwater lens influenced by climate change: A modeling study of an arid-region island in the Persian Gulf, Iran. <i>Journal of Hydrology</i> , 2014 , 519, 399-413	6	41
10	Inverse modelling for freshwater lens in small islands: Kish Island, Persian Gulf. <i>Hydrological Processes</i> , 2013 , 27, 2759-2773	3.3	27
9	Assessment of a parallel evolutionary optimization approach for efficient management of coastal aquifers. <i>Environmental Modelling and Software</i> , 2015 , 74, 21-38	5.2	21
8	Possibility of cooperative management in groundwater resources using an evolutionary hydro-economic simulation-optimization model. <i>Journal of Hydrology</i> , 2019 , 578, 124094	6	11
7	Groundwater travel time computation for two-layer islands. <i>Hydrogeology Journal</i> , 2016 , 24, 1045-1055	3.1	10
6	Coastal Groundwater Management by an Uncertainty-Based Parallel Decision Model. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020 , 146, 04020036	2.8	7
5	Experimental and numerical assessment of saltwater recession in coastal aquifers by constructing check dams. <i>Journal of Contaminant Hydrology</i> , 2020 , 231, 103637	3.9	5
4	Probabilistic numerical assessment of seawater intrusion overshoot in heterogeneous coastal aquifers. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019 , 33, 1951-1968	3.5	5
3	Result-based management approach for aquifer restoration problems using a combined numerical simulation and parallel evolutionary optimization model. <i>Journal of Hydrology</i> , 2021 , 594, 125709	6	4
2	Influence of aquifer heterogeneity on sea level rise-induced seawater intrusion: A probabilistic approach. <i>Journal of Contaminant Hydrology</i> , 2021 , 236, 103753	3.9	3

1	Investigating the relationship between the river flow and dissolved solids concentration. <i>Water Management</i> ,1-9	1	0
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