

Jafar Yazdi

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.

35
papers

303
citations

11
h-index

15
g-index

39
ext. papers

434
ext. citations

3.3
avg, IF

4.57
L-index

#	Paper	IF	Citations
35	Interactive Reservoir-Watershed Modeling Framework for Integrated Water Quality Management. <i>Water Resources Management</i> , 2017 , 31, 2105-2125	3.7	31
34	Multi-Objective Differential Evolution for Design of Cascade Hydropower Reservoir Systems. <i>Water Resources Management</i> , 2018 , 32, 4779-4791	3.7	28
33	Water quality monitoring network design for urban drainage systems, an entropy method. <i>Urban Water Journal</i> , 2018 , 15, 227-233	2.3	18
32	Non-Dominated Sorting Harmony Search Differential Evolution (NS-HS-DE): A Hybrid Algorithm for Multi-Objective Design of Water Distribution Networks. <i>Water (Switzerland)</i> , 2017 , 9, 587	3	18
31	A simulation [D]Optimization models for multi-reservoir hydropower systems design at watershed scale. <i>Renewable Energy</i> , 2020 , 149, 253-263	8.1	18
30	Assessment of Machine Learning Techniques for Monthly Flow Prediction. <i>Water (Switzerland)</i> , 2018 , 10, 1676	3	15
29	Sediment Flushing of Reservoirs under Environmental Considerations. <i>Water Resources Management</i> , 2017 , 31, 1899-1914	3.7	13
28	Real-Time Operation of Pumping Systems for Urban Flood Mitigation: Single-Period vs. Multi-Period Optimization. <i>Water Resources Management</i> , 2018 , 32, 4643-4660	3.7	13
27	Rehabilitation of Urban Drainage Systems Using a Resilience-Based Approach. <i>Water Resources Management</i> , 2018 , 32, 721-734	3.7	12
26	Optimal Design of Check Dams in Mountainous Watersheds for Flood Mitigation. <i>Water Resources Management</i> , 2018 , 32, 4793-4811	3.7	12
25	Evaluation of data driven models for pipe burst prediction in urban water distribution systems. <i>Urban Water Journal</i> , 2019 , 16, 136-145	2.3	12
24	Optimal Allocation of Flood Control Capacity for Multi-Reservoir Systems Using Multi-Objective Optimization Approach. <i>Water Resources Management</i> , 2017 , 31, 4521-4538	3.7	11
23	Optimal Size and Placement of Water Hammer Protective Devices in Water Conveyance Pipelines. <i>Water Resources Management</i> , 2019 , 33, 569-590	3.7	10
22	Optimal Operation of Urban Storm Detention Ponds for Flood Management. <i>Water Resources Management</i> , 2019 , 33, 2109-2121	3.7	9
21	Effect of Extraordinary Large Floods on at-site Flood Frequency. <i>Water Resources Management</i> , 2017 , 31, 4187-4205	3.7	8
20	A new methodology for surcharge risk management in urban areas (case study: Gonbad-e-Kavus city). <i>Water Science and Technology</i> , 2017 , 75, 823-832	2.2	8
19	An algorithm for calculating air demand in gated tunnels using a 3D numerical model. <i>Journal of Hydro-Environment Research</i> , 2011 , 5, 3-13	2.3	8

18	Multi-Objective Optimization for Interactive Reservoir-Irrigation Planning Considering Environmental Issues by Using Parallel Processes Technique. <i>Water Resources Management</i> , 2019 , 33, 5137-5151	3.7	7
17	Evaluation of data-driven models to downscale rainfall parameters from global climate models outputs: the case study of Latyan watershed. <i>Journal of Water and Climate Change</i> , 2020 , 11, 200-216	2.3	6
16	Long-term versus Real-time Optimal Operation for Gate Regulation during Flood in Urban Drainage Systems. <i>Urban Water Journal</i> , 2018 , 15, 750-759	2.3	6
15	Check dam layout optimization on the stream network for flood mitigation: surrogate modelling with uncertainty handling. <i>Hydrological Sciences Journal</i> , 2017 , 62, 1669-1682	3.5	5
14	Determining Checkdams Layout for Flood Mitigation Using Simulation Optimization Approach. <i>International Journal of Environmental Research</i> , 2017 , 11, 395-413	2.9	5
13	An Optimization Model for Floodplain Systems Considering Inflow Uncertainties. <i>Water Resources Management</i> , 2015 , 29, 1295-1313	3.7	4
12	Optimal size, type and location of low impact developments (LIDs) for urban stormwater control. <i>Urban Water Journal</i> , 2021 , 18, 585-597	2.3	4
11	Improving Urban Drainage Systems Resiliency Against Unexpected Blockages: A Probabilistic Approach. <i>Water Resources Management</i> , 2018 , 32, 4561-4573	3.7	3
10	A methodology for leak detection in water distribution networks using graph theory and artificial neural network. <i>Urban Water Journal</i> , 2020 , 17, 525-533	2.3	3
9	A Novel Framework for Urban Flood damage Assessment. <i>Water Resources Management</i> , 1	3.7	3
8	Optimization of hydrometric monitoring network in urban drainage systems using information theory. <i>Water Science and Technology</i> , 2017 , 76, 1603-1613	2.2	2
7	Groundwater management in arid and semi-arid regions. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	2
6	Optimized stacking, a new method for constructing ensemble surrogate models applied to DNAPL-contaminated aquifer remediation. <i>Journal of Contaminant Hydrology</i> , 2021 , 243, 103914	3.9	2
5	Developing an algorithm for urban flood management with the aim of reducing damage and costs using the concept of conditional value at risk. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022 , 36, 353-371	3.5	1
4	Optimum design and operation of a hydropower reservoir considering uncertainty of inflow. <i>Journal of Hydroinformatics</i> , 2020 , 22, 1452-1467	2.6	1
3	An enhanced multi-objective evolutionary algorithm for the rehabilitation of urban drainage systems. <i>Engineering Optimization</i> , 1-19	2	1
2	Optimizing surfactant-enhanced aquifer remediation based on Gaussian process surrogate model in DNAPL-contaminated sites considering different wells patterns. <i>Groundwater for Sustainable Development</i> , 2021 , 15, 100675	6	1
1	An investigation on the performance of different reliability criteria for design of water distribution networks. <i>Urban Water Journal</i> , 1-11	2.3	

