

Jafar Yazdi

List of Publications by Year in descending order

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39
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Objective Differential Evolution for Design of Cascade Hydropower Reservoir Systems. <i>Water Resources Management</i> , 2018, 32, 4779-4791.	1.9	40
2	Interactive Reservoir-Watershed Modeling Framework for Integrated Water Quality Management. <i>Water Resources Management</i> , 2017, 31, 2105-2125.	1.9	34
3	A simulation " Optimization models for multi-reservoir hydropower systems design at watershed scale. <i>Renewable Energy</i> , 2020, 149, 253-263.	4.3	32
4	Water quality monitoring network design for urban drainage systems, an entropy method. <i>Urban Water Journal</i> , 2018, 15, 227-233.	1.0	30
5	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.	1.2	26
6	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.	1.9	26
7	Rehabilitation of Urban Drainage Systems Using a Resilience-Based Approach. <i>Water Resources Management</i> , 2018, 32, 721-734.	1.9	25
8	Optimal Allocation of Flood Control Capacity for Multi-Reservoir Systems Using Multi-Objective Optimization Approach. <i>Water Resources Management</i> , 2017, 31, 4521-4538.	1.9	24
9	Optimal Design of Check Dams in Mountainous Watersheds for Flood Mitigation. <i>Water Resources Management</i> , 2018, 32, 4793-4811.	1.9	24
10	Assessment of Machine Learning Techniques for Monthly Flow Prediction. <i>Water (Switzerland)</i> , 2018, 10, 1676.	1.2	23
11	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.	1.9	22
12	Optimal Operation of Urban Storm Detention Ponds for Flood Management. <i>Water Resources Management</i> , 2019, 33, 2109-2121.	1.9	21
13	Sediment Flushing of Reservoirs under Environmental Considerations. <i>Water Resources Management</i> , 2017, 31, 1899-1914.	1.9	20
14	A Novel Framework for Urban Flood damage Assessment. <i>Water Resources Management</i> , 2022, 36, 1991-2011.	1.9	20
15	Optimal Size and Placement of Water Hammer Protective Devices in Water Conveyance Pipelines. <i>Water Resources Management</i> , 2019, 33, 569-590.	1.9	19
16	Evaluation of data driven models for pipe burst prediction in urban water distribution systems. <i>Urban Water Journal</i> , 2019, 16, 136-145.	1.0	18
17	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.	1.0	18
18	Groundwater management in arid and semi-arid regions. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	16

#	ARTICLE	IF	CITATIONS
19	Effect of Extraordinary Large Floods on at-site Flood Frequency. <i>Water Resources Management</i> , 2017, 31, 4187-4205.	1.9	14
20	Optimal size, type and location of low impact developments (LIDs) for urban stormwater control. <i>Urban Water Journal</i> , 2021, 18, 585-597.	1.0	13
21	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.	1.0	12
22	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.	1.2	10
23	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.	1.2	10
24	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.	1.0	10
25	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.	1.6	10
26	Evaluation of data-driven models to downscale rainfall parameters from global climate models outputs: the case study of Lalyan watershed. <i>Journal of Water and Climate Change</i> , 2020, 11, 200-216.	1.2	9
27	Determining Checkdams Layout for Flood Mitigation Using Simulationâ€“Optimization Approach. <i>International Journal of Environmental Research</i> , 2017, 11, 395-413.	1.1	8
28	Improving Urban Drainage Systems Resiliency Against Unexpected Blockages: A Probabilistic Approach. <i>Water Resources Management</i> , 2018, 32, 4561-4573.	1.9	7
29	An enhanced multi-objective evolutionary algorithm for the rehabilitation of urban drainage systems. <i>Engineering Optimization</i> , 2022, 54, 349-367.	1.5	6
30	Leakage detection in water distribution networks using hybrid feedforward artificial neural networks. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2021, 70, 637-653.	0.6	6
31	An Optimization Model for Floodplain Systems Considering Inflow Uncertainties. <i>Water Resources Management</i> , 2015, 29, 1295-1313.	1.9	5
32	Improving the outputs of regional heavy rainfall forecasting models using an adaptive real-time approach. <i>Hydrological Sciences Journal</i> , 2022, 67, 550-563.	1.2	4
33	Optimization of hydrometric monitoring network in urban drainage systems using information theory. <i>Water Science and Technology</i> , 2017, 76, 1603-1613.	1.2	3
34	Optimum design and operation of a hydropower reservoir considering uncertainty of inflow. <i>Journal of Hydroinformatics</i> , 2020, 22, 1452-1467.	1.1	2
35	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.	1.9	2
36	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.	2.3	1

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37	An investigation on the performance of different reliability criteria for design of water distribution networks. <i>Urban Water Journal</i> , 2022, 19, 481-491.	1.0	1
38	Development of a risk-based optimization approach to improve the performance of urban drainage systems. <i>Hydrological Sciences Journal</i> , 2022, 67, 689-702.	1.2	1
39	Development of a contaminant concentration transport model for sulfate-contaminated areas. <i>Applied Water Science</i> , 2022, 12, .	2.8	0