

Jafar Yazdi

List of Publications by Year in Descending Order

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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 | 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 |
| 34 | Groundwater management in arid and semi-arid regions. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1 | 1.8 | 2 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | A simulation and optimization models for multi-reservoir hydropower systems design at watershed scale. <i>Renewable Energy</i> , 2020 , 149, 253-263 | 8.1 | 18 |
| 29 | Optimum design and operation of a hydropower reservoir considering uncertainty of inflow. <i>Journal of Hydroinformatics</i> , 2020 , 22, 1452-1467 | 2.6 | 1 |
| 28 | 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 |
| 27 | 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 |
| 26 | Optimal Operation of Urban Storm Detention Ponds for Flood Management. <i>Water Resources Management</i> , 2019 , 33, 2109-2121 | 3.7 | 9 |
| 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 | 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 |
| 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 | Water quality monitoring network design for urban drainage systems, an entropy method. <i>Urban Water Journal</i> , 2018 , 15, 227-233 | 2.3 | 18 |
| 21 | Rehabilitation of Urban Drainage Systems Using a Resilience-Based Approach. <i>Water Resources Management</i> , 2018 , 32, 721-734 | 3.7 | 12 |
| 20 | Optimal Design of Check Dams in Mountainous Watersheds for Flood Mitigation. <i>Water Resources Management</i> , 2018 , 32, 4793-4811 | 3.7 | 12 |
| 19 | Improving Urban Drainage Systems Resiliency Against Unexpected Blockages: A Probabilistic Approach. <i>Water Resources Management</i> , 2018 , 32, 4561-4573 | 3.7 | 3 |

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| 18 | 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 |
| 17 | Multi-Objective Differential Evolution for Design of Cascade Hydropower Reservoir Systems. <i>Water Resources Management</i> , 2018 , 32, 4779-4791 | 3.7 | 28 |
| 16 | Assessment of Machine Learning Techniques for Monthly Flow Prediction. <i>Water (Switzerland)</i> , 2018 , 10, 1676 | 3 | 15 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | Effect of Extraordinary Large Floods on at-site Flood Frequency. <i>Water Resources Management</i> , 2017 , 31, 4187-4205 | 3.7 | 8 |
| 11 | Interactive Reservoir-Watershed Modeling Framework for Integrated Water Quality Management. <i>Water Resources Management</i> , 2017 , 31, 2105-2125 | 3.7 | 31 |
| 10 | Sediment Flushing of Reservoirs under Environmental Considerations. <i>Water Resources Management</i> , 2017 , 31, 1899-1914 | 3.7 | 13 |
| 9 | 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 |
| 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 | 3.7 | 11 |
| 7 | Determining Checkdams Layout for Flood Mitigation Using Simulation Optimization Approach. <i>International Journal of Environmental Research</i> , 2017 , 11, 395-413 | 2.9 | 5 |
| 6 | 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 |
| 5 | An Optimization Model for Floodplain Systems Considering Inflow Uncertainties. <i>Water Resources Management</i> , 2015 , 29, 1295-1313 | 3.7 | 4 |
| 4 | 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 |
| 3 | An investigation on the performance of different reliability criteria for design of water distribution networks. <i>Urban Water Journal</i> , 1-11 | 2.3 | |
| 2 | An enhanced multi-objective evolutionary algorithm for the rehabilitation of urban drainage systems. <i>Engineering Optimization</i> , 1-19 | 2 | 1 |
| 1 | A Novel Framework for Urban Flood damage Assessment. <i>Water Resources Management</i> , 1 | 3.7 | 3 |

