

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.

64 papers	797 citations	14 h-index	26 g-index
73 ext. papers	946 ext. citations	3.2 avg, IF	4.8 L-index

#	Paper	IF	Citations
64	Pressure Management Model for Urban Water Distribution Networks. <i>Water Resources Management</i> , 2010 , 24, 437-458	3.7	94
63	Sustainability assessment of wastewater reuse alternatives using the evidential reasoning approach. <i>Journal of Cleaner Production</i> , 2018 , 195, 1350-1376	10.3	64
62	Reliability-Based Flood Management in Urban Watersheds Considering Climate Change Impacts. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013 , 139, 520-533	2.8	59
61	Development of a Hybrid Index for Drought Prediction: Case Study. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009 , 14, 617-627	1.8	58
60	Improvement of Urban Drainage System Performance under Climate Change Impact: Case Study. <i>Journal of Hydrologic Engineering - ASCE</i> , 2011 , 16, 395-412	1.8	52
59	Uncertainty based modeling of rainfall-runoff: Combined differential evolution adaptive Metropolis (DREAM) and K-means clustering. <i>Advances in Water Resources</i> , 2015 , 83, 405-420	4.7	34
58	Water Quality Based Multi-objective Optimal Design of Water Distribution Systems. <i>Water Resources Management</i> , 2017 , 31, 93-108	3.7	26
57	Reliability Assessment of the Water Supply Systems under Uncertain Future Extreme Climate Conditions. <i>Earth Interactions</i> , 2013 , 17, 1-27	1.5	26
56	Life cycle assessment of pipes and piping process in drinking water distribution networks to reduce environmental impact. <i>Sustainable Cities and Society</i> , 2018 , 43, 538-549	10.1	26
55	Combined Impact of Inland and Coastal Floods: Mapping Knowledge Base for Development of Planning Strategies. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 04014098	2.8	24
54	Treatment of phenol in petrochemical wastewater considering turbidity factor by backlight cascade photocatalytic reactor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 348, 161-167	4.7	23
53	Integration of inland and coastal storms for flood hazard assessment using a distributed hydrologic model. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	18
52	Development of a Demand Driven Hydro-climatic Model for Drought Planning. <i>Water Resources Management</i> , 2012 , 26, 329-357	3.7	16
51	Self-Organizing Gaussian-Based Downscaling of ClimateData for Simulation of Urban Drainage Systems. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2013 , 139, 98-112	1.1	15
50	An algorithm for optimisation of a rain gauge network based on geostatistics and entropy concepts using GIS. <i>Journal of Spatial Science</i> , 2016 , 61, 233-252	1.6	14
49	Pressure Zoning Approach for Leak Detection in Water Distribution Systems Based on a Multi Objective Ant Colony Optimization. <i>Water Resources Management</i> , 2018 , 32, 2287-2300	3.7	14
48	Algorithm for Assessment of Water Distribution System Readiness: Planning for Disasters. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009 , 135, 244-252	2.8	14

47	Increasing Water Security: An Algorithm to Improve Water Distribution Performance. <i>Water Resources Management</i> , 2013 , 27, 2903-2921	3.7	13
46	Monthly prediction of streamflow using data-driven models. <i>Journal of Earth System Science</i> , 2019 , 128, 1	1.8	11
45	Development of an Optimal Reservoir Operation Scheme Using Extended Evolutionary Computing Algorithms Based on Conflict Resolution Approach: A Case Study. <i>Water Resources Management</i> , 2014 , 28, 3539-3554	3.7	11
44	Uncertainty based analysis of the impact of watershed phosphorus load on reservoir phosphorus concentration. <i>Journal of Hydrology</i> , 2015 , 521, 533-542	6	11
43	An Evaluation of Climate Change Impacts on Extreme Sea Level Variability: Coastal Area of New York City. <i>Water Resources Management</i> , 2014 , 28, 3697-3714	3.7	10
42	Reliability-Based Assessment of Lifecycle Cost of Urban Water Distribution Infrastructures. <i>Journal of Infrastructure Systems</i> , 2017 , 23, 04016030	2.9	10
41	Minimizing the Adverse Effects of Contaminant Propagation in Water Distribution Networks Considering the Pressure-Driven Analysis Method. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017 , 143, 04017072	2.8	9
40	Joint uncertainty analysis in river water quality simulation: a case study of the Karoon River in Iran. <i>Environmental Earth Sciences</i> , 2015 , 73, 3819-3831	2.9	9
39	Life-Cycle Assessment of Tertiary Treatment Technologies to Treat Secondary Municipal Wastewater for Reuse in Agricultural Irrigation, Artificial Recharge of Groundwater, and Industrial Usages. <i>Journal of Environmental Engineering, ASCE</i> , 2020 , 146, 04020031	2	9
38	The environmental impact assessment of drainage systems: a case study of the Karun river sugarcane development project. <i>Archives of Agronomy and Soil Science</i> , 2018 , 64, 185-195	2	9
37	Evaluation of climate change impacts on extreme rainfall events characteristics using a synoptic weather typing-based daily precipitation downscaling model. <i>Journal of Water and Climate Change</i> , 2017 , 8, 388-411	2.3	8
36	Development of an algorithm for risk-based management of wastewater reuse alternatives. <i>Journal of Water Reuse and Desalination</i> , 2018 , 8, 38-57	2.6	8
35	Artificial IntelligenceBased Optimization of Reverse Osmosis Systems Operation Performance. <i>Journal of Environmental Engineering, ASCE</i> , 2020 , 146, 04019106	2	7
34	A hybrid constrained coral reefs optimization algorithm with machine learning for optimizing multi-reservoir systems operation. <i>Journal of Environmental Management</i> , 2021 , 286, 112250	7.9	7
33	Determining the robust optimal set of BMPs for urban runoff management in data-poor catchments. <i>Journal of Environmental Planning and Management</i> , 2018 , 61, 1180-1203	2.8	6
32	Optimum reliable operation of water distribution networks by minimising energy cost and chlorine dosage. <i>Water S A</i> , 2014 , 41, 149	1.3	6
31	Development of an Algorithm for Sustainability Based Assessment of Reservoir Life Cycle Cost Using Fuzzy Theory. <i>Water Resources Management</i> , 2014 , 28, 5389-5409	3.7	6
30	Improvement and prediction of OSA system performance in sludge reduction through integration with thermal and mechanical treatment. <i>Water Science and Technology</i> , 2016 , 74, 2087-2096	2.2	6

29	An investigation of the source of salinity in groundwater using stable isotope tracers and GIS: A case study of the Urmia Lake basin, Iran. <i>Groundwater for Sustainable Development</i> , 2021 , 12, 100513	6	6
28	Development of a Coupled Model for Simulation of Urban Drainage Process Based on Cellular Automata Approach. <i>Irrigation and Drainage</i> , 2018 , 67, 269-281	1.1	5
27	Evaluation of climate change impacts on streamflow to a multiple reservoir system using a data-based mechanistic model. <i>Journal of Water and Climate Change</i> , 2014 , 5, 610-624	2.3	5
26	Development of a Reliability Based Dynamic Model of Urban Water Supply System: A Case Study 2012 ,		4
25	Urban Water Engineering and Management		4
24	Development of 1D/2D Urban Flood Simulation Model Based on Modified Cellular Automata Approach. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021 , 26, 04020065	1.8	4
23	Investigating the performance of agricultural wastes and their ashes in removing phenol from leachate in a fixed-bed column. <i>Water Science and Technology</i> , 2020 , 81, 2109-2126	2.2	3
22	An investigation of the possible scenarios for the optimal locating of quality sensors in the water distribution networks with uncertain contamination. <i>Journal of Water and Health</i> , 2020 , 18, 704-721	2.2	3
21	Development of reservoir optimum operation rules considering water quality issues and climatic change data analysis. <i>Sustainable Cities and Society</i> , 2020 , 63, 102467	10.1	3
20	A multi-objective optimization method based on NSGA-III for water quality sensor placement with the aim of reducing potential of important nodes contamination. <i>Water Science and Technology: Water Supply</i> ,	1.4	3
19	Prediction of Sea Level Using a Hybrid Data-Driven Model: New Challenges After Hurricane Sandy. <i>Water Quality, Exposure, and Health</i> , 2014 , 6, 63-71		2
18	Integration of Coastal Storm Inundation Model (GSSHA) with Grid Surface and Subsurface Hydrological Model 2014 ,		2
17	Long-Lead Forecasting of Monthly Rainfall Using Large Scale Climate Signals and Statistical Disaggregation Models 2009 ,		2
16	Development of an Algorithm for Evaluation of a Water Treatment Plant Performance 2008 ,		2
15	Evaluation of Climate Change Impact on Runoff: A Case Study. <i>Indian Journal of Science and Technology</i> , 2016 , 9,	1	2
14	Improving the Performance of Water Distribution Networks Based on the Value Index in the System Dynamics Framework. <i>Water (Switzerland)</i> , 2019 , 11, 2445	3	2
13	Coastal Floodplain Mapping and Evaluation Using GIS and HEC-GeoRAS Models 2014 ,		1
12	Quantifying Resilience to Coastal Flood Events: A Case Study of New York City 2014 ,		1

11	Development of Integrated Drought Evaluation and Monitoring System: Case Study of Aharchay River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 897-910	1.8	1
10	Developing Virtual Drought Exercise Scenarios: A Case Study 2008 ,		1
9	Assessment of Uncertainty in Flood Forecasting Using Downscaled Rainfall Data 2007 ,		1
8	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
7	Evaluation of the climate change impact on the extreme rainfall amounts using modified method of fragments for sub-daily rainfall disaggregation. <i>International Journal of Climatology</i> ,	3.5	1
6	The development of statistical downscaling methods for assessing the effects of climate change on the precipitation isotopes concentration. <i>Journal of Water and Climate Change</i> , 2021 , 12, 709-729	2.3	0
5	Comparing Rainwater Storage Options 2021 , 385-399		0
4	Improvement of Water Network Reliability: A Conflict Resolution Approach 2006 , 1		
3	Optimal Development of Regional Rain Network Using Entropy and Geostatistics. <i>Lecture Notes in Earth System Sciences</i> , 2014 , 491-496	0.4	
2	Rainwater and Green Roofs 2021 , 355-372		
1	Choosing the best data mining algorithm in two different aquatic systems data mining in aquatic systems. <i>International Journal of Environmental Science and Technology</i> ,1	3.3	