Massoud Tabesh

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.

59 papers	1,209 citations	21 h-index	34 g-index
64 ext. papers	1,438 ext. citations	3.4 avg, IF	4.93 L-index

#	Paper	IF	Citations
59	An Integrated Model to Evaluate Losses in Water Distribution Systems. *Water Resources Management*, **2009**, 23, 477-492	3.7	105
58	Pressure Management Model for Urban Water Distribution Networks. *Water Resources Management*, **2010**, 24, 437-458	3.7	94
57	Appraisal of Source Head Methods for Calculating Reliability of Water Distribution Networks. *Journal of Water Resources Planning and Management - ASCE*, **2001**, 127, 206-213	2.8	90
56	Assessing pipe failure rate and mechanical reliability of water distribution networks using data-driven modeling. *Journal of Hydroinformatics*, **2009**, 11, 1-17	2.6	89
55	Risk assessment model to prioritize sewer pipes inspection in wastewater collection networks. *Journal of Environmental Management*, **2017**, 190, 91-101	7.9	71
54	Forecasting monthly urban water demand using Extended Kalman Filter and Genetic Programming. *Expert Systems With Applications*, **2011**, 38, 7387-7395	7.8	69
53	A comparison between performance of support vector regression and artificial neural network in prediction of pipe burst rate in water distribution networks. *KSCE Journal of Civil Engineering*, **2014**, 18, 941-948	1.9	59
52	Ant-colony optimization of pumping schedule to minimize the energy cost using variable-speed pumps in water distribution networks. *Urban Water Journal*, **2014**, 11, 335-347	2.3	44
51	Integrated risk assessment of urban water supply systems from source to tap. *Stochastic Environmental Research and Risk Assessment*, **2013**, 27, 923-944	3.5	42
50	Peaking demand factor-based reliability analysis of water distribution systems. *Advances in Engineering Software*, **2005**, 36, 789-796	3.6	36
49	A New Method for Simultaneous Calibration of Demand Pattern and Hazen-Williams Coefficients in Water Distribution Systems. *Water Resources Management*, **2014**, 28, 2021-2034	3.7	35
48	PROMETHEE with Precedence Order in the Criteria (PPOC) as a New Group Decision Making Aid: An Application in Urban Water Supply Management. *Water Resources Management*, **2012**, 26, 3581-3599	3.7	32
47	Calibration of water distribution hydraulic models: A comparison between pressure dependent and demand driven analyses. *Urban Water Journal*, **2011**, 8, 93-102	2.3	30
46	A comparative study between the modified and available demand driven based models for head driven analysis of water distribution networks. *Urban Water Journal*, **2014**, 11, 221-230	2.3	28
45	Pressure-Discharge Relations with Application to Head-Driven Simulation of Water Distribution Networks. *Journal of Water Resources Planning and Management - ASCE*, **2013**, 139, 660-670	2.8	28
44	A comprehensive criteria-based multi-attribute decision-making model for rehabilitation of water distribution systems. *Structure and Infrastructure Engineering*, **2018**, 14, 743-765	2.9	28
43	Water Quality Based Multi-objective Optimal Design of Water Distribution Systems. *Water Resources Management*, **2017**, 31, 93-108	3.7	26

42	A long-term prediction of domestic water demand using preprocessing in artificial neural network **2014**, 63, 31-42		24
41	Life-Cycle Assessment (LCA) of Wastewater Treatment Plants: A Case Study of Tehran, Iran. *International Journal of Civil Engineering*, **2019**, 17, 1155-1169	1.9	24
40	Discussion and Closure: Comparison of Methods for Predicting Deficient-Network Performance. *Journal of Water Resources Planning and Management - ASCE*, **1997**, 123, 369-370	2.8	23
39	Risk Assessment of Factors Influencing Non-Revenue Water Using Bayesian Networks and Fuzzy Logic. *Water Resources Management*, **2018**, 32, 3647-3670	3.7	22
38	A Prioritization Model for Rehabilitation of Water Distribution Networks Using GIS. *Water Resources Management*, **2012**, 26, 225-241	3.7	20
37	Use of geospatial information system based tool for renovation and rehabilitation of water distribution systems. *International Journal of Environmental Science and Technology*, **2010**, 7, 47-58	3.3	17
36	Setting up measuring campaigns for integrated wastewater modelling. *Water Science and Technology*, **1999**, 39, 257	2.2	13
35	How can socio-psychological factors be related to water-efficiency intention and behaviors among Iranian residential water consumers?. *Journal of Environmental Management*, **2021**, 288, 112466	7.9	13
34	Optimal Design of Stormwater Collection Networks Considering Hydraulic Performance and BMPs. *International Journal of Environmental Research*, **2018**, 12, 585-596	2.9	11
33	Multiobjective Optimization of Pressure Dependent Dynamic Design for Water Distribution Networks. *Water Resources Management*, **2017**, 31, 2561-2578	3.7	10
32	HRDM Method for Rehabilitation of Pipes in Water Distribution Networks with Inaccurate Operational-Failure Data. *Journal of Water Resources Planning and Management - ASCE*, **2018**, 144, 04018053	2.8	10
31	Multi-Objective Optimization Model for Design and Operation of Water Transmission Systems Using a Power Resilience Index for Assessing Hydraulic Reliability. *Water Resources Management*, **2019**, 33, 3433-3447	3.7	10
30	Minimizing the Adverse Effects of Contaminant Propagation in Water Distribution Networks Considering the Pressure-Driven Analysis Method. *Journal of Water Resources Planning and Management - ASCE*, **2017**, 143, 04017072	2.8	9
29	Optimal renovation planning of water distribution networks considering hydraulic and quality reliability indices. *Urban Water Journal*, **2019**, 16, 249-258	2.3	8
28	New indices for reliability assessment of water distribution networks **2016**, 65, 384-395		8
27	Dealing with uncertainty in sewer condition assessment: Impact on inspection programs. *Automation in Construction*, **2019**, 103, 117-126	9.6	7
26	Sustainability assessment of urban water systems: a case study. *Proceedings of the Institution of Civil Engineers: Engineering Sustainability*, **2014**, 167, 157-164	0.9	6
25	Optimum reliable operation of water distribution networks by minimising energy cost and chlorine dosage. *Water S A*, **2014**, 41, 149	1.3	6

24	Consumption management in water distribution systems by optimizing pressure reducing valvesT settings using genetic algorithm. *Desalination and Water Treatment*, **2009**, 2, 96-102		6
23	Extended Period Reliability Analysis of Water Distribution Systems Based on Head Driven Simulation Method **2001**, 1		6
22	Urban storm water drainage system optimization using a sustainability index and LID/BMPs. *Sustainable Cities and Society*, **2021**, 76, 103500	10.1	6
21	Hydraulic performance of post-earthquake water distribution networks based on head driven simulation method. *Water Science and Technology: Water Supply*, **2013**, 13, 1281-1288	1.4	5
20	A risk component-based model to determine pipes renewal strategies in water distribution networks. *Structure and Infrastructure Engineering*, **2020**, 1-22	2.9	5
19	Water distribution network quality model calibration: a case study Ahar. *Water Science and Technology: Water Supply*, **2017**, 17, 759-770	1.4	4
18	A New Method for Quasi-Optimal Design of Water Distribution Networks. *Water Resources Management*, **2015**, 29, 5295-5308	3.7	4
17	Scheduling and operating costs in water distribution networks. *Water Management*, **2013**, 166, 432-442	1	4
16	Psychosocial determinants of household adoption of water-efficiency behaviors in Tehran capital, Iran: Application of the social cognitive theory. *Urban Climate*, **2021**, 39, 100935	6.8	4
15	Multiobjective Optimization in Sewer Network Design to Improve Wastewater Quality. *Journal of Pipeline Systems Engineering and Practice*, **2019**, 10, 04019037	1.5	3
14	Risk Analysis of Water Reuse for Industrial Cooling Water Consumptions. *Journal of Environmental Engineering, ASCE*, **2019**, 145, 04019067	2	2
13	Optimum Reliable Operation of Water Distribution Network Considering Pumping Station and Tank. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, **2019**, 43, 413-427	1.1	2
12	Risk Assessment of Water Treatment Plants Using Fuzzy Fault Tree Analysis and Monte Carlo Simulation. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*,1	1.1	2
11	Risk Assessment and Management of Wastewater Collection and Treatment Systems Using FMADM Methods. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, **2018**, 42, 55-71	1.1	2
10	Application of two-component pressure approach and Harten-Lax-van Leer (HLL) solver to model transient flow with regard to air entrapment. *Water Science and Technology*, **2020**, 81, 596-605	2.2	1
9	Investigation on the Influence of Utilizing Average Hydraulic Pressure and Maximum Hydraulic Pressure for Pipe Burst Rate Prediction in Water Distribution Networks **2011**,		1
8	Unsaturated Soil Moisture Diffusivity Measurements in Laboratory Using Thermocouple Psychrometers **2009**,		1
7	Effects of inflow, infiltration, and exfiltration on water footprint increase of a sewer system: A case study of Tehran. *Sustainable Cities and Society*, **2022**, 79, 103707	10.1	1

6	Effects of Considering Social Costs in Different Economic Scenarios of Water Systems in Iran. *International Journal of Environmental Research*, **2021**, 15, 785-796	2.9	1
5	Promoting the adoption of residential water conservation behaviors as a preventive policy to sustainable urban water management.. *Journal of Environmental Management*, **2022**, 313, 115005	7.9	1
4	Prioritization of non-revenue water reduction scenarios using a risk-based group decision-making approach. *Stochastic Environmental Research and Risk Assessment*, **2020**, 34, 1713-1724	3.5	0
3	Environmental Assessment of a Wastewater System under Water demand management policies. *Water Resources Management*,1	3.7	0
2	Risk Analysis and Management of Water Distribution Networks Due to Probable Earthquake. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, **2020**, 44, 723-734	1.1	
1	Choosing the best data mining algorithm in two different aquatic systems data mining in aquatic systems. *International Journal of Environmental Science and Technology*,1	3.3	