

Ramtin Moeini

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.

23
papers

383
citations

11
h-index

19
g-index

24
ext. papers

465
ext. citations

2.8
avg, IF

4.28
L-index

#	Paper	IF	Citations
23	Prediction of shear strength of reinforced concrete beams using adaptive neuro-fuzzy inference system and artificial neural network. <i>Scientia Iranica</i> , 2012 , 19, 242-248	1.5	56
22	Fuzzy rule-based model for hydropower reservoirs operation. <i>International Journal of Electrical Power and Energy Systems</i> , 2011 , 33, 171-178	5.1	47
21	Layout and size optimization of sanitary sewer network using intelligent ants. <i>Advances in Engineering Software</i> , 2012 , 51, 49-62	3.6	40
20	Partially and Fully Constrained Ant Algorithms for the Optimal Solution of Large Scale Reservoir Operation Problems. <i>Water Resources Management</i> , 2008 , 22, 1835-1857	3.7	39
19	Extension of the constrained ant colony optimization algorithms for the optimal operation of multi-reservoir systems. <i>Journal of Hydroinformatics</i> , 2013 , 15, 155-173	2.6	30
18	Calibration of water distribution hydraulic models: A comparison between pressure dependent and demand driven analyses. <i>Urban Water Journal</i> , 2011 , 8, 93-102	2.3	30
17	Constrained gravitational search algorithm for large scale reservoir operation optimization problem. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 62, 222-233	7.2	24
16	Artificial Neural Network and Support Vector Machine Models for Inflow Prediction of Dam Reservoir (Case Study: Zayandehroud Dam Reservoir). <i>Water Resources Management</i> , 2019 , 33, 2203-2218	3.7	21
15	Constrained improved particle swarm optimization algorithm for optimal operation of large scale reservoir: proposing three approaches. <i>Evolving Systems</i> , 2017 , 8, 287-301	2.1	20
14	Constrained Ant Colony Optimisation Algorithm for the layout and size optimisation of sanitary sewer networks. <i>Urban Water Journal</i> , 2013 , 10, 154-173	2.3	18
13	Arc Based Ant Colony Optimization Algorithm for optimal design of gravitational sewer networks. <i>Ain Shams Engineering Journal</i> , 2017 , 8, 207-223	4.4	15
12	Deriving optimal operation of reservoir proposing improved artificial bee colony algorithm: standard and constrained versions. <i>Journal of Hydroinformatics</i> , 2020 , 22, 263-280	2.6	8
11	Application of static and dynamic artificial neural networks for forecasting inflow discharges, case study: Sefidroud Dam reservoir. <i>Sustainable Computing: Informatics and Systems</i> , 2020 , 27, 100401	3	8
10	Hybrid SVM-CIPSO methods for optimal operation of reservoir considering unknown future condition. <i>Applied Soft Computing Journal</i> , 2020 , 95, 106572	7.5	7
9	Hybridizing ant colony optimization algorithm with nonlinear programming method for effective optimal design of sewer networks. <i>Water Environment Research</i> , 2019 , 91, 300-321	2.8	7
8	Construction cost minimisation of the stepped spillway using improved particle swarm optimisation and artificial bee colony algorithms. <i>Water and Environment Journal</i> , 2020 , 34, 468-480	1.7	4
7	Optimum outflow determination of the multi-reservoir system using constrained improved artificial bee colony algorithm. <i>Soft Computing</i> , 2020 , 24, 10739-10754	3.5	4

6	Sewer Network Design Optimization Problem Using Ant Colony Optimization Algorithm and Tree Growing Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 91-105	0.4	2
5	Arc based ant colony optimization algorithm for solving sewer network design optimization problem. <i>Scientia Iranica</i> , 2017 , 24, 953-965	1.5	2
4	ANT INTELLIGENT APPLIED TO SEWER NETWORK DESIGN OPTIMIZATION PROBLEM: USING FOUR DIFFERENT ALGORITHMS. <i>Environmental Engineering and Management Journal</i> , 2019 , 18, 957-971	0.6	1
3	Hybridizing ANN-NSGA-II model with genetic programming method for reservoir operation rule curve determination (Case study Zayandehroud dam reservoir). <i>Soft Computing</i> , 2021 , 25, 14081	3.5	0
2	OPTIMAL DESIGN OF CASCADE SPILLWAY USING META-HEURISTIC ALGORITHMS: COMPARISON OF FOUR DIFFERENT ALGORITHMS. <i>Environmental Engineering and Management Journal</i> , 2020 , 19, 687-700	0.6	0
1	Different hydraulic analysis conditions for sewer network design optimisation problem using three different evolutionary algorithms. <i>International Journal of Operational Research</i> , 2018 , 33, 512	0.9	1