

Ramtin Moeini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

550
citations

686830

13
h-index

676716

22
g-index

25
all docs

25
docs citations

25
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.3	84
2	Fuzzy rule-based model for hydropower reservoirs operation. <i>International Journal of Electrical Power and Energy Systems</i> , 2011, 33, 171-178.	3.3	57
3	Layout and size optimization of sanitary sewer network using intelligent ants. <i>Advances in Engineering Software</i> , 2012, 51, 49-62.	1.8	47
4	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.	1.9	46
5	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.	1.9	45
6	Calibration of water distribution hydraulic models: A comparison between pressure dependent and demand driven analyses. <i>Urban Water Journal</i> , 2011, 8, 93-102.	1.0	39
7	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.	1.1	39
8	Constrained gravitational search algorithm for large scale reservoir operation optimization problem. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 62, 222-233.	4.3	30
9	Constrained improved particle swarm optimization algorithm for optimal operation of large scale reservoir: proposing three approaches. <i>Evolving Systems</i> , 2017, 8, 287-301.	2.4	29
10	Arc Based Ant Colony Optimization Algorithm for optimal design of gravitational sewer networks. <i>Ain Shams Engineering Journal</i> , 2017, 8, 207-223.	3.5	26
11	Constrained Ant Colony Optimisation Algorithm for the layout and size optimisation of sanitary sewer networks. <i>Urban Water Journal</i> , 2013, 10, 154-173.	1.0	21
12	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.	1.6	21
13	Deriving optimal operation of reservoir proposing improved artificial bee colony algorithm: standard and constrained versions. <i>Journal of Hydroinformatics</i> , 2020, 22, 263-280.	1.1	16
14	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.	1.3	11
15	Hybrid SVM-CIPSO methods for optimal operation of reservoir considering unknown future condition. <i>Applied Soft Computing Journal</i> , 2020, 95, 106572.	4.1	11
16	Optimum outflow determination of the multi-reservoir system using constrained improved artificial bee colony algorithm. <i>Soft Computing</i> , 2020, 24, 10739-10754.	2.1	6
17	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.	1.0	6
18	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.	0.5	5

#	ARTICLE	IF	CITATIONS
19	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.	2.1	3
20	Trend Analysis of Water Inflow Into the Dam Reservoirs Under Future Conditions Predicted By Dynamic NAR and NARX Models. <i>Water Resources Management</i> , 2022, 36, 2703-2723.	1.9	3
21	Arc based ant colony optimization algorithm for solving sewer network design optimization problem. <i>Scientia Iranica</i> , 2017, 24, 953-965.	0.3	2
22	ANT INTELLIGENT APPLIED TO SEWER NETWORK DESIGN OPTIMIZATION PROBLEM: USING FOUR DIFFERENT ALGORITHMS. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 957-971.	0.2	2
23	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.	0.1	0
24	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.	0.2	0