Ramtin Moeini

List of Publications by Year
in descending order

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24 papers	550 citations	687363 13 h-index	677142 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. Scientia Iranica, 2012, 19, 242-248.	0.4	84
2	Fuzzy rule-based model for hydropower reservoirs operation. International Journal of Electrical Power and Energy Systems, 2011, 33, 171-178.	5.5	57
3	Layout and size optimization of sanitary sewer network using intelligent ants. Advances in Engineering Software, 2012, 51, 49-62.	3.8	47
4	Partially and Fully Constrained Ant Algorithms for the Optimal Solution of Large Scale Reservoir Operation Problems. Water Resources Management, 2008, 22, 1835-1857.	3.9	46
5	Artificial Neural Network and Support Vector Machine Models for Inflow Prediction of Dam Reservoir (Case Study: Zayandehroud Dam Reservoir). Water Resources Management, 2019, 33, 2203-2218.	3.9	45
6	Calibration of water distribution hydraulic models: A comparison between pressure dependent and demand driven analyses. Urban Water Journal, 2011, 8, 93-102.	2.1	39
7	Extension of the constrained ant colony optimization algorithms for the optimal operation of multi-reservoir systems. Journal of Hydroinformatics, 2013, 15, 155-173.	2.4	39
8	Constrained gravitational search algorithm for large scale reservoir operation optimization problem. Engineering Applications of Artificial Intelligence, 2017, 62, 222-233.	8.1	30
9	Constrained improved particle swarm optimization algorithm for optimal operation of large scale reservoir: proposing three approaches. Evolving Systems, 2017, 8, 287-301.	3.9	29
10	Arc Based Ant Colony Optimization Algorithm for optimal design of gravitational sewer networks. Ain Shams Engineering Journal, 2017, 8, 207-223.	6.1	26
11	Constrained Ant Colony Optimisation Algorithm for the layout and size optimisation of sanitary sewer networks. Urban Water Journal, 2013, 10, 154-173.	2.1	21
12	Application of static and dynamic artificial neural networks for forecasting inflow discharges, case study: Sefidroud Dam reservoir. Sustainable Computing: Informatics and Systems, 2020, 27, 100401.	2.2	21
13	Deriving optimal operation of reservoir proposing improved artificial bee colony algorithm: standard and constrained versions. Journal of Hydroinformatics, 2020, 22, 263-280.	2.4	16
14	Hybridizing ant colony optimization algorithm with nonlinear programming method for effective optimal design of sewer networks. Water Environment Research, 2019, 91, 300-321.	2.7	11
15	Hybrid SVM-CIPSO methods for optimal operation of reservoir considering unknown future condition. Applied Soft Computing Journal, 2020, 95, 106572.	7.2	11
16	Optimum outflow determination of the multi-reservoir system using constrained improved artificial bee colony algorithm. Soft Computing, 2020, 24, 10739-10754.	3.6	6
17	Construction cost minimisation of the stepped spillway using improved particle swarm optimisation and artificial bee colony algorithms. Water and Environment Journal, 2020, 34, 468-480.	2.2	6
18	Sewer Network Design Optimization Problem Using Ant Colony Optimization Algorithm and Tree Growing Algorithm. Advances in Intelligent Systems and Computing, 2013, , 91-105.	0.6	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). Soft Computing, 2021, 25, 14081.	3.6	3
20	Trend Analysis of Water Inflow Into the Dam Reservoirs Under Future Conditions Predicted By Dynamic NAR and NARX Models. Water Resources Management, 2022, 36, 2703-2723.	3.9	3
21	Arc based ant colony optimization algorithm for solving sewer network design optimization problem. Scientia Iranica, 2017, 24, 953-965.	0.4	2
22	ANT INTELLIGENT APPLIED TO SEWER NETWORK DESIGN OPTIMIZATION PROBLEM: USING FOUR DIFFERENT ALGORITHMS. Environmental Engineering and Management Journal, 2019, 18, 957-971.	0.6	2
23	Different hydraulic analysis conditions for sewer network design optimisation problem using three different evolutionary algorithms. International Journal of Operational Research, 2018, 33, 512.	0.2	0
24	OPTIMAL DESIGN OF CASCADE SPILLWAY USING META-HEURISTIC ALGORITHMS: COMPARISON OF FOUR DIFFERENT ALGORITHMS. Environmental Engineering and Management Journal, 2020, 19, 687-700.	0.6	0