Duan Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3351504/publications.pdf

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18	228	1162367 8	1058022 14
papers	citations	h-index	g-index

18	18	18	208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adapting the operation of two cascaded reservoirs for ecological flow requirement of a de-watered river channel due to diversion-type hydropower stations. Ecological Modelling, 2013, 252, 266-272.	1.2	49
2	A Genetic Algorithm Parallel Strategy for Optimizing the Operation of Reservoir with Multiple Eco-environmental Objectives. Water Resources Management, 2016, 30, 2127-2142.	1.9	34
3	Dimension reduction of decision variables for multireservoir operation: A spectral optimization model. Water Resources Research, 2016, 52, 36-51.	1.7	32
4	Deriving Optimal Daily Reservoir Operation Scheme with Consideration of Downstream Ecological Hydrograph Through A Time-Nested Approach. Water Resources Management, 2015, 29, 3371-3386.	1.9	24
5	Optimizing the operation of the Qingshitan Reservoir in the Lijiang River for multiple human interests and quasi-natural flow maintenance. Journal of Environmental Sciences, 2012, 24, 1923-1928.	3.2	20
6	Offline training for improving online performance of a genetic algorithm based optimization model for hourly multi-reservoir operation. Environmental Modelling and Software, 2017, 96, 46-57.	1.9	15
7	Dynamic Management of Water Storage for Flood Control in a Wetland System: A Case Study in Texas. Water (Switzerland), 2018, 10, 325.	1.2	11
8	A MATLAB framework for forecasting optimal flow releases in a multi-storage system for flood control. Environmental Modelling and Software, 2020, 125, 104618.	1.9	11
9	Ecologically-friendly operation scheme for the Jinping cascaded reservoirs in the Yalongjiang River, China. Frontiers of Earth Science, 2014, 8, 282-290.	0.9	8
10	Application of Cluster Analysis for Finding Operational Patterns of Multireservoir System during Transition Period. Journal of Water Resources Planning and Management - ASCE, 2017, 143, .	1.3	6
11	A Derivative-Free Hybrid Optimization Model for Short-Term Operation of a Multi-Objective Reservoir System Under Uncertainty. Water Resources Management, 2018, 32, 3707-3721.	1.9	6
12	Optimizing Short-Term Operation of a Multireservoir System during Transition of Objectives and Constraints. , 2014, , .		5
13	Implementing Eco-Friendly Reservoir Operation by Using Genetic Algorithm with Dynamic Mutation Operator. Lecture Notes in Computer Science, 2010, , 509-516.	1.0	3
14	Incorporating Filters in Random Search Algorithms for the Hourly Operation of a Multireservoir System. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 04017088.	1.3	3
15	An Optimization Model of Dam Adaptive Management Based on Genetic Algorithms. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
16	Application and adaptation of Genetic Algorithm in optimal Eco-friendly reservoir operation. , 2010, , .		0
17	Patterns of Optimal Operational Schemes for the Short-Term Operation of a Multi-Reservoir System with Shifting Objectives. , 2016, , .		0
18	Flexible decision variables in multi-objective reservoir operation. International Journal of Computer Mathematics, 2021, 98, 2282-2295.	1.0	0