

Alireza B Dariane

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

551
citations

686830

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docs citations

26
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Search Approaches Using Genetic Algorithms for Optimization of Water Reservoir Operating Policies. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2007, 133, 202-209.	1.3	86
2	Performance evaluation of an improved harmony search algorithm for numerical optimization: Melody Search (MS). <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 1301-1321.	4.3	55
3	Assimilation of Sentinel 1 and SMAP-based satellite soil moisture retrievals into SWAT hydrological model: the impact of satellite revisit time and product spatial resolution on flood simulations in small basins. <i>Journal of Hydrology</i> , 2020, 581, 124367.	2.3	51
4	Streamflow forecasting by combining neural networks and fuzzy models using advanced methods of input variable selection. <i>Journal of Hydroinformatics</i> , 2018, 20, 520-532.	1.1	40
5	Forecasting streamflow by combination of a genetic input selection algorithm and wavelet transforms using ANFIS models. <i>Hydrological Sciences Journal</i> , 2016, 61, 585-600.	1.2	37
6	Investigating spatiotemporal snow cover variability via cloud-free MODIS snow cover product in Central Alborz Region. <i>Remote Sensing of Environment</i> , 2017, 202, 152-165.	4.6	36
7	Optimization of Multireservoir Systems Operation Using Modified Direct Search Genetic Algorithm. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009, 135, 141-148.	1.3	31
8	A novel and effective algorithm for numerical optimization: Melody Search (MS). , 2011, , .		30
9	Deriving Hedging Rules of Multi-Reservoir System by Online Evolving Neural Networks. <i>Water Resources Management</i> , 2014, 28, 3651-3665.	1.9	27
10	Application of Intelligent Water Drops Algorithm in Reservoir Operation. <i>Water Resources Management</i> , 2013, 27, 4827-4843.	1.9	26
11	Developing an Efficient Auto-Calibration Algorithm for HEC-HMS Program. <i>Water Resources Management</i> , 2016, 30, 1923-1937.	1.9	22
12	Long Term Streamflow Forecasting Using a Hybrid Entropy Model. <i>Water Resources Management</i> , 2018, 32, 1439-1451.	1.9	17
13	APPLICATION OF CROP YIELD FUNCTIONS IN RESERVOIR OPERATION. <i>Journal of the American Water Resources Association</i> , 1991, 27, 649-656.	1.0	15
14	Comparative analysis of evolving artificial neural network and reinforcement learning in stochastic optimization of multireservoir systems. <i>Hydrological Sciences Journal</i> , 2016, 61, 1141-1156.	1.2	15
15	Many-Objective Multi-Scenario Algorithm for Optimal Reservoir Operation Under Future Uncertainties. <i>Water Resources Management</i> , 2018, 32, 3887-3902.	1.9	14
16	Quantifying and projection of the relative impacts of climate change and direct human activities on streamflow fluctuations. <i>Climatic Change</i> , 2021, 165, 1.	1.7	10
17	Long-range reservoir inflow forecasts using large-scale climate predictors. <i>International Journal of Climatology</i> , 2020, 40, 5429-5450.	1.5	9
18	Artificial neural network coupled with wavelet transform for estimating snow water equivalent using passive microwave data. <i>Journal of Earth System Science</i> , 2014, 123, 1591-1601.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Optimizing signal decomposition techniques in artificial neural network-based rainfall-runoff model. <i>International Journal of River Basin Management</i> , 2017, 15, 1-8.	1.5	5
20	Evolving neural networks and fuzzy clustering for multireservoir operations. <i>Neural Computing and Applications</i> , 2017, 28, 1149-1162.	3.2	4
21	Integrated Operation of Multi-Reservoir and Many-Objective System Using Fuzzified Hedging Rule and Strength Pareto Evolutionary Optimization Algorithm (SPEA2). <i>Water (Switzerland)</i> , 2021, 13, 1995.	1.2	4
22	Development of an efficient input selection method for NN based streamflow model. <i>Journal of Applied Water Engineering and Research</i> , 2023, 11, 127-140.	1.0	4
23	Developing a Cloud-Reduced MODIS Surface Reflectance Product for Snow Cover Mapping in Mountainous Regions. <i>Geosciences (Switzerland)</i> , 2017, 7, 29.	1.0	3
24	Developing heuristic multi-criteria auto calibration method for continuous HEC-HMS in snow-affected catchment. <i>International Journal of River Basin Management</i> , 2020, 18, 69-80.	1.5	3
25	Melody Search Algorithm Using Online Evolving Artificial Neural Network Coupled with Singular Spectrum Analysis for Multireservoir System Management. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 1445-1457.	1.0	2
26	Towards an Efficient Rainfall-Runoff Model through Partitioning Scheme. <i>Water (Switzerland)</i> , 2016, 8, 63.	1.2	0