

# Alireza B Dariane

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

25  
papers

403  
citations

12  
h-index

20  
g-index

26  
ext. papers

471  
ext. citations

3.6  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
25	Quantifying and projection of the relative impacts of climate change and direct human activities on streamflow fluctuations. <i>Climatic Change</i> , <b>2021</b> , 165, 1	4.5	2
24	Integrated Operation of Multi-Reservoir and Many-Objective System Using Fuzzified Hedging Rule and Strength Pareto Evolutionary Optimization Algorithm (SPEA2). <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1995	3	1
23	Long-range reservoir inflow forecasts using large-scale climate predictors. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 5429-5450	3.5	5
22	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> , <b>2020</b> , 581,	6	22
21	Developing heuristic multi-criteria auto calibration method for continuous HEC-HMS in snow-affected catchment. <i>International Journal of River Basin Management</i> , <b>2020</b> , 18, 69-80	1.7	2
20	Long Term Streamflow Forecasting Using a Hybrid Entropy Model. <i>Water Resources Management</i> , <b>2018</b> , 32, 1439-1451	3.7	11
19	Streamflow forecasting by combining neural networks and fuzzy models using advanced methods of input variable selection. <i>Journal of Hydroinformatics</i> , <b>2018</b> , 20, 520-532	2.6	26
18	Many-Objective Multi-Scenario Algorithm for Optimal Reservoir Operation Under Future Uncertainties. <i>Water Resources Management</i> , <b>2018</b> , 32, 3887-3902	3.7	8
17	Evolving neural networks and fuzzy clustering for multireservoir operations. <i>Neural Computing and Applications</i> , <b>2017</b> , 28, 1149-1162	4.8	2
16	Investigating spatiotemporal snow cover variability via cloud-free MODIS snow cover product in Central Alborz Region. <i>Remote Sensing of Environment</i> , <b>2017</b> , 202, 152-165	13.2	25
15	Optimizing signal decomposition techniques in artificial neural network-based rainfall-runoff model. <i>International Journal of River Basin Management</i> , <b>2017</b> , 15, 1-8	1.7	5
14	Developing a Cloud-Reduced MODIS Surface Reflectance Product for Snow Cover Mapping in Mountainous Regions. <i>Geosciences (Switzerland)</i> , <b>2017</b> , 7, 29	2.7	3
13	Comparative analysis of evolving artificial neural network and reinforcement learning in stochastic optimization of multireservoir systems. <i>Hydrological Sciences Journal</i> , <b>2016</b> , 61, 1141-1156	3.5	11
12	Forecasting streamflow by combination of a genetic input selection algorithm and wavelet transforms using ANFIS models. <i>Hydrological Sciences Journal</i> , <b>2016</b> , 61, 585-600	3.5	27
11	Towards an Efficient RainfallRunoff Model through Partitioning Scheme. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 63	3	
10	Developing an Efficient Auto-Calibration Algorithm for HEC-HMS Program. <i>Water Resources Management</i> , <b>2016</b> , 30, 1923-1937	3.7	17
9	Artificial neural network coupled with wavelet transform for estimating snow water equivalent using passive microwave data. <i>Journal of Earth System Science</i> , <b>2014</b> , 123, 1591-1601	1.8	4

8	Deriving Hedging Rules of Multi-Reservoir System by Online Evolving Neural Networks. <i>Water Resources Management</i> , <b>2014</b> , 28, 3651-3665	3.7	22
7	Performance evaluation of an improved harmony search algorithm for numerical optimization: Melody Search (MS). <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 1301-1321	7.2	47
6	Application of Intelligent Water Drops Algorithm in Reservoir Operation. <i>Water Resources Management</i> , <b>2013</b> , 27, 4827-4843	3.7	22
5	A novel and effective algorithm for numerical optimization: Melody Search (MS) <b>2011</b> ,		19
4	Optimization of Multireservoir Systems Operation Using Modified Direct Search Genetic Algorithm. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2009</b> , 135, 141-148	2.8	30
3	Direct Search Approaches Using Genetic Algorithms for Optimization of Water Reservoir Operating Policies. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2007</b> , 133, 202-209	2.8	79
2	APPLICATION OF CROP YIELD FUNCTIONS IN RESERVOIR OPERATION1. <i>Journal of the American Water Resources Association</i> , <b>1991</b> , 27, 649-656	2.1	13
1	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> , 1	1.1	0