

R Arunkumar

List of Publications by Citations

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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.

18
papers

240
citations

8
h-index

15
g-index

18
ext. papers

289
ext. citations

2.4
avg, IF

3.59
L-index

#	Paper	IF	Citations
18	Optimization of Hydropower Reservoir Using Evolutionary Algorithms Coupled with Chaos. <i>Water Resources Management</i> , 2013 , 27, 1963-1979	3.7	44
17	Comparison of static and dynamic resilience for a multipurpose reservoir operation. <i>Water Resources Research</i> , 2016 , 52, 8630-8649	5.4	41
16	Optimal Reservoir Operation for Hydropower Generation using Non-linear Programming Model. <i>Journal of the Institution of Engineers (India): Series A</i> , 2012 , 93, 111-120	1	32
15	Development of Operational Policy for a Multi-reservoir System in India using Genetic Algorithm. <i>Water Resources Management</i> , 2011 , 25, 2405-2423	3.7	26
14	Reservoir Evaporation Prediction Using Data-Driven Techniques. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 40-49	1.8	19
13	Multi-reservoir optimization for hydropower production using NLP technique. <i>KSCE Journal of Civil Engineering</i> , 2014 , 18, 344-354	1.9	16
12	Optimal crop planning using a chance constrained linear programming model. <i>Water Policy</i> , 2011 , 13, 734-749	1.6	11
11	Chaotic Evolutionary Algorithms for Multi-Reservoir Optimization. <i>Water Resources Management</i> , 2013 , 27, 5207	3.7	10
10	Optimal crop plans for a multi-reservoir system having intra-basin water transfer using multi-objective evolutionary algorithms coupled with chaos. <i>Computers and Electronics in Agriculture</i> , 2017 , 140, 34-47	6.5	8
9	Artificial Intelligence Techniques for Predicting and Mapping Daily Pan Evaporation. <i>Journal of the Institution of Engineers (India): Series A</i> , 2017 , 98, 219-231	1	7
8	Reservoir Operations under Changing Climate Conditions: Hydropower-Production Perspective. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019 , 145, 04019016	2.8	6
7	A multiobjective fuzzy linear programming model for sustainable integrated operation of a multireservoir system. <i>Lakes and Reservoirs: Research and Management</i> , 2016 , 21, 171-187	1.2	5
6	Quantification of resilience to water scarcity, a dynamic measure in time and space. <i>Proceedings of the International Association of Hydrological Sciences</i> , 373 , 13-17		5
5	Evaluation of a multi-reservoir hydropower system using a simulation model. <i>ISH Journal of Hydraulic Engineering</i> , 2014 , 20, 177-187	1.5	4
4	Performance assessment of storage policies of the Vaigai Reservoir using a simulation model. <i>Water International</i> , 2012 , 37, 319-333	2.4	2
3	PERFORMANCE ASSESSMENT OF CANAL IRRIGATION SYSTEM. <i>ISH Journal of Hydraulic Engineering</i> , 2010 , 16, 146-155	1.5	2
2	Evaluating a multi-reservoir system for sustainable integrated operation using a simulation model. <i>Sustainable Water Resources Management</i> , 2018 , 4, 981-990	1.9	2

- 1 Improving the Performance of the Optimization Technique Using Chaotic Algorithm. *Advances in Intelligent Systems and Computing*, **2014**, 243-250 0.4