

R Arunkumar

List of Publications by Year in descending order

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18
papers

337
citations

932766

10
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940134

16
g-index

18
all docs

18
docs citations

18
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of static and dynamic resilience for a multipurpose reservoir operation. Water Resources Research, 2016, 52, 8630-8649.	1.7	70
2	Optimization of Hydropower Reservoir Using Evolutionary Algorithms Coupled with Chaos. Water Resources Management, 2013, 27, 1963-1979.	1.9	57
3	Optimal Reservoir Operation for Hydropower Generation using Non-linear Programming Model. Journal of the Institution of Engineers (India): Series A, 2012, 93, 111-120.	0.6	45
4	Development of Operational Policy for a Multi-reservoir System in India using Genetic Algorithm. Water Resources Management, 2011, 25, 2405-2423.	1.9	29
5	Reservoir Evaporation Prediction Using Data-Driven Techniques. Journal of Hydrologic Engineering - ASCE, 2013, 18, 40-49.	0.8	27
6	Multi-reservoir optimization for hydropower production using NLP technique. KSCE Journal of Civil Engineering, 2014, 18, 344-354.	0.9	21
7	Chaotic Evolutionary Algorithms for Multi-Reservoir Optimization. Water Resources Management, 2013, 27, 5207.	1.9	14
8	Reservoir Operations under Changing Climate Conditions: Hydropower-Production Perspective. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	1.3	14
9	Optimal crop plans for a multi-reservoir system having intra-basin water transfer using multi-objective evolutionary algorithms coupled with chaos. Computers and Electronics in Agriculture, 2017, 140, 34-47.	3.7	13
10	Optimal crop planning using a chance constrained linear programming model. Water Policy, 2011, 13, 734-749.	0.7	12
11	Artificial Intelligence Techniques for Predicting and Mapping Daily Pan Evaporation. Journal of the Institution of Engineers (India): Series A, 2017, 98, 219-231.	0.6	9
12	A multiobjective fuzzy linear programming model for sustainable integrated operation of a multireservoir system. Lakes and Reservoirs: Research and Management, 2016, 21, 171-187.	0.6	8
13	Quantification of resilience to water scarcity, a dynamic measure in time and space. Proceedings of the International Association of Hydrological Sciences, 0, 373, 13-17.	1.0	6
14	PERFORMANCE ASSESSMENT OF CANAL IRRIGATION SYSTEM. ISH Journal of Hydraulic Engineering, 2010, 16, 146-155.	1.1	4
15	Evaluation of a multi-reservoir hydropower system using a simulation model. ISH Journal of Hydraulic Engineering, 2014, 20, 177-187.	1.1	4
16	Performance assessment of storage policies of the Vaigai Reservoir using a simulation model. Water International, 2012, 37, 319-333.	0.4	2
17	Evaluating a multi-reservoir system for sustainable integrated operation using a simulation model. Sustainable Water Resources Management, 2018, 4, 981-990.	1.0	2
18	Improving the Performance of the Optimization Technique Using Chaotic Algorithm. Advances in Intelligent Systems and Computing, 2014, , 243-250.	0.5	0