

Parisa-Sadat Ashofteh

List of Publications by Year in descending order

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47
papers

1,063
citations

471061

17
h-index

414034

32
g-index

48
all docs

48
docs citations

48
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change Impact on Reservoir Performance Indexes in Agricultural Water Supply. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 85-97.	0.6	112
2	Evaluation of Climatic-Change Impacts on Multiobjective Reservoir Operation with Multiobjective Genetic Programming. Journal of Water Resources Planning and Management - ASCE, 2015, 141, .	1.3	112
3	Determination of Irrigation Allocation Policy under Climate Change by Genetic Programming. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, .	0.6	89
4	Risk Analysis of Water Demand for Agricultural Crops under Climate Change. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	70
5	Scenario Assessment of Streamflow Simulation and its Transition Probability in Future Periods Under Climate Change. Water Resources Management, 2013, 27, 255-274.	1.9	68
6	Optimization Model for Design-Operation of Pumped-Storage and Hydropower Systems. Journal of Energy Engineering - ASCE, 2014, 140, .	1.0	62
7	Prioritization of Water Allocation for Adaptation to Climate Change Using Multi-Criteria Decision Making (MCDM). Water Resources Management, 2019, 33, 3401-3416.	1.9	56
8	Reservoir Water-Quality Projections under Climate-Change Conditions. Water Resources Management, 2019, 33, 401-421.	1.9	42
9	Investigation of Reservoir Qualitative Behavior Resulting from Sudden Entry of Biological Pollutant. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, .	0.6	41
10	Evaluation of the VIKOR and FOWA Multi-Criteria Decision Making Methods for Climate-Change Adaptation of Agricultural Water Supply. Water Resources Management, 2019, 33, 2867-2884.	1.9	32
11	Real-time reservoir operation using data mining techniques. Environmental Monitoring and Assessment, 2018, 190, 594.	1.3	29
12	Assessment of Water Resources Development Projects under Conditions of Climate Change Using Efficiency Indexes (EIs). Water Resources Management, 2017, 31, 3723-3744.	1.9	26
13	Development of Adaptive Strategies for Irrigation Water Demand Management under Climate Change. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	26
14	Evaluation of the effects of climate change on thermal stratification of reservoirs. Sustainable Cities and Society, 2021, 66, 102531.	5.1	24
15	Optimal wastewater allocation with the development of an SECA multi-criteria decision-making method. Journal of Cleaner Production, 2021, 321, 129041.	4.6	21
16	Modeling adaptation policies to increase the synergies of the water-climate-agriculture nexus under climate change. Environmental Development, 2021, 37, 100612.	1.8	20
17	Logical Genetic Programming (LGP) Development for Irrigation Water Supply Hedging Under Climate Change Conditions. Irrigation and Drainage, 2017, 66, 530-541.	0.8	15
18	Application of Climate Projections and Monte Carlo Approach for Assessment of Future River Flow: Khorramabad River Basin, Iran. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	13

#	ARTICLE	IF	CITATIONS
19	Optimal Water Allocation of Surface and Ground Water Resources Under Climate Change with WEAP and IWOA Modeling. <i>Water Resources Management</i> , 2022, 36, 3181-3205.	1.9	13
20	Ranking of wastewater reuse allocation alternatives using a variance-based weighted aggregated sum product assessment method. <i>Environment, Development and Sustainability</i> , 2022, 24, 2497-2513.	2.7	12
21	Application of the Grasshopper Optimization Algorithm (GOA) to the Optimal Operation of Hydropower Reservoir Systems Under Climate Change. <i>Water Resources Management</i> , 2021, 35, 4325-4348.	1.9	11
22	Evaluation of River Water Transfer Alternatives with the TODIM Multi-Criteria Decision Making Method. <i>Water Resources Management</i> , 2020, 34, 4847-4863.	1.9	10
23	Performance Evaluation of a Developed Hybrid AOGCM Model under Climate Change. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, .	0.6	9
24	Determination of the Optimal Level of Water Releases from a Reservoir to Control Water Quality. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2016, 20, .	1.2	9
25	Logical genetic programming (LGP) application to water resources management. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 34.	1.3	9
26	Simulation-Optimization of Reservoir Water Quality under Climate Change. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	1.3	9
27	Multi-Criteria Environmental Impact Assessment of Alternative Irrigation Networks with an Adopted Matrix-Based Method. <i>Water Resources Management</i> , 2017, 31, 903-928.	1.9	8
28	Applying Climate Adaptation Strategies for Improvement of Management Indexes of a River's Reservoir Irrigation System. <i>Irrigation and Drainage</i> , 2019, 68, 420-432.	0.8	8
29	Multi-criteria Decision-making Approach for Environmental Impact Assessment to Reduce the Adverse Effects Of Dams. <i>Water Resources Management</i> , 2021, 35, 4085-4110.	1.9	8
30	Impacts of Climate Change on the Conflict between Water Resources and Agricultural Water Use. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 02516002.	0.6	7
31	Application of bi-objective genetic programming for optimizing irrigation rules using two reservoir performance criteria. <i>International Journal of River Basin Management</i> , 2021, 19, 55-65.	1.5	6
32	Integration of Gray System Theory with AHP Decision-Making for Wastewater Reuse Decision-Making. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2021, 25, .	1.2	6
33	Selecting the Best Approach to Modeling the Performance of Water Supply System Using the Combination of Rough Set Theory with Multi-Criteria Decision Making. <i>Water Resources Management</i> , 2022, 36, 3129-3152.	1.9	4
34	Disaggregating the Effects of Climatic Variability and Dam Construction on River Flow Regime. <i>Water Resources Management</i> , 2022, 36, 3813-3838.	1.9	4
35	Use of surface water and groundwater under climate change: Khorramabad basin, Iran. <i>Water Management</i> , 2023, 176, 53-65.	0.4	3
36	Role of Adaptive Water Resources Management Policies and Strategies in Relieving Conflicts between Water Resources and Agricultural Sector Water Use Caused by Climate Change. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 02516004.	0.6	2

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37	Multi-Objective Firefly Integration with the K-Nearest Neighbor to Reduce Simulation Model Calls to Accelerate the Optimal Operation of Multi-Objective Reservoirs. <i>Water Resources Management</i> , 0, , .	1.9	2
38	Investigating the effect of uncertainty of AOGCM-TAR and AOGCM-AR5 climate change models on river runoff. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	2
39	Closure to "Determination of Irrigation Allocation Policy under Climate Change by Genetic Programming" by Parisa-Sadat Ashofteh, Omid Bozorg Haddad, Habib Akbari-Alashti, and Miguel A. Mariño. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015, 141, 07015026.	0.6	1
40	Discussion of "Impacts of Streamflow and Topographic Changes on Water Level during the Dry Season of Poyang Lake, China" by Feng Huang, Xunzhou Chunyu, Yuankun Wang, Xiao Zhang, Bao Qian, Dayong Zhao, and Ziqiang Xia. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	1
41	Uncertainties in agricultural water supply under climate change: Aidoghmouth basin, Iran. <i>Water Management</i> , 2021, 174, 120-133.	0.4	1
42	System-Dynamics Approach to Multireservoir Energy Generation under Climate Change. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	1
43	Closure to "Risk Analysis of Water Demand for Agricultural Crops under Climate Change" by Parisa-Sadat Ashofteh, Omid Bozorg Haddad, and Miguel A. Mariño. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, 07015008.	0.8	0
44	Closure to "Investigation of Reservoir Qualitative Behavior Resulting from Sudden Entry of Biological Pollutant" by Omid Bozorg-Haddad, Parisa-Sadat Ashofteh, Mohsen Ali-Hamzeh, and Miguel A. Mariño. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, 07016004.	0.6	0
45	Closure to "Levee Layouts and Design Optimization in Protection of Flood Areas" by Omid Bozorg Haddad, Parisa-Sadat Ashofteh, and Miguel A. Mariño. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, 07015038.	0.6	0
46	Discussion of "Optimization of Fuzzified Hedging Rules for Multipurpose and Multireservoir Systems" by Iman Ahmadianfar, Arash Adib, and Mehrdad Taghian. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, 07017006.	0.8	0
47	Discussion of "Multiobjective Management of Water Allocation to Sustainable Irrigation Planning and Optimal Cropping Pattern" by R. Lalehzari, S. Boroomand Nasab, H. Moazed, and A. Haghghi. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 07016022.	0.6	0