Babak Zolghadr-Asli

List of Publications by Year
in descending order

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31	298	1039406 9	996533 15
papers	citations	h-index	g-index

43	43	43	194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimation of geographical variations in virtual water content and crop yield under climate change: comparison of three data mining approaches. Environment, Development and Sustainability, 2022, 24, 8378-8396.	2.7	11
2	Sensitivity of non-conditional climatic variables to climate-change deep uncertainty using Markov Chain Monte Carlo simulation. Scientific Reports, 2022, 12, 1813.	1.6	2
3	System dynamics modeling of lake water management under climate change. Scientific Reports, 2022, 12, 5828.	1.6	7
4	Application of Swarm Intelligence and Evolutionary Computation Algorithms for Optimal Reservoir Operation. Water Resources Management, 2022, 36, 2275-2292.	1.9	6
5	Computational Intelligence: An Introduction. Studies in Computational Intelligence, 2022, , 411-427.	0.7	2
6	Cropping patterns based on virtual water content considering water and food security under climate change conditions. Natural Hazards, 2022, 114, 1709-1721.	1.6	2
7	Developing a Robust Multi-Attribute Decision-Making Framework to Evaluate Performance of Water System Design and Planning under Climate Change. Water Resources Management, 2021, 35, 279-298.	1.9	13
8	A linear/non-linear hybrid time-series model to investigate the depletion of inland water bodies. Environment, Development and Sustainability, 2021, 23, 10727-10742.	2.7	2
9	A review of 20-year applications of multi-attribute decision-making in environmental and water resources planning and management. Environment, Development and Sustainability, 2021, 23, 14379-14404.	2.7	16
10	Intense extreme hydro-climatic events take a toll on society. Natural Hazards, 2021, 108, 2385-2391.	1.6	4
11	Application of Granger-causality to study the climate change impacts on depletion patterns of inland water bodies. Hydrological Sciences Journal, 2021, 66, 1767-1776.	1.2	5
12	Multi-attribute Decision-Making: A View of the World of Decision-Making. Springer Water, 2021, , 305-322.	0.2	0
13	A robust multiple-objective decision-making paradigm based on the waterâ€“energyâ€“food security nexus under changing climate uncertainties. Scientific Reports, 2021, 11, 20927.	1.6	12
14	Evaluation of water shortage crisis in the Middle East and possible remedies. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 85-98.	0.6	62
15	Adverse impacts of climate change in Maharlou Lake Basin, Iran. Hydro Science & Marine Engineering, 2020, 2, .	0.1	2
16	Effects of the uncertainties of climate change on the performance of hydropower systems. Journal of Water and Climate Change, 2019, 10, 591-609.	1.2	22
17	Investigating the variability of GCMs' simulations using time series analysis. Journal of Water and Climate Change, 2019, 10, 449-463.	1.2	11
18	Discussion of â€œDesign and Evaluation of Irrigation Water Pricing Policies for Enhanced Water Use Efficiencyâ€•by Sayed Ali Ohab-Yazdi and Azadeh Ahmadi. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 07018001.	1.3	0

#	Article	IF	Citations
19	Stiffness and sensitivity criteria and their application to water resources assessment. Journal of Hydro-Environment Research, 2018, 20, 93-100.	1.0	3
20	Optimization of Run-of-River Hydropower Plant Design under Climate Change Conditions. Water Resources Management, 2018, 32, 3919-3934.	1.9	22
21	Crow Search Algorithm (CSA). Studies in Computational Intelligence, 2018, , 143-149.	0.7	35
22	Dragonfly Algorithm (DA). Studies in Computational Intelligence, 2018, , 151-159.	0.7	5
23	Krill Herd Algorithm (KHA). Studies in Computational Intelligence, 2018, , 69-79.	0.7	1
24	Discussion of â€œConjunctive Management of Surface and Ground Water Resources Using Conflict Resolution Approachâ€•by Hamid R. Safavi, Milad Mehrparvar, and Ferenc Szidarovszky. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, 07017001.	0.6	0
25	Strategic Importance and Safety of Water Resources. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	14
26	Brief Chronicle of Water Wars: Search for Global Peace. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	4
27	Discussion of â€œMultiscale Assessment of the Impacts of Climate Change on Water Resources in Tanzaniaâ€•by Umesh Adhikari, A. Pouyan Nejadhashemi, Matthew R. Herman, and Joseph P. Messina. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	8
28	Discussion of â€œOptimization of Phenol Removal Using Ti/PbO2 Anode with Response Surface Methodologyâ€•by C. GarcÃa-GÃ³mez, J. A. Vidales-Contreras, J. NÃ¡poles-Armenta, and P. GortÃ¡res-Moroyoqui. Journal of Environmental Engineering, ASCE, 2017, 143, .	0.7	3
29	Unionism and Water Resources Management. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	3
30	Discussion of â€œInvestigation of Reservoir Qualitative Behavior Resulting from Sudden Entry of Biological Pollutantâ€•by Omid Bozorg-Haddad, Parisa-Sadat Ashofteh, Mohsen Ali-Hamzeh, and Miguel A. MariÃ±o. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 07016003.	0.6	0
31	Time-Based Vulnerability: A Step Forward to Operate Water Resources Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 02516001.	0.6	5