Babak Zolghadr-Asli

List of Publications by Year
in descending order

31 papers	**298** citations	1039406 **9** h-index	996533 **15** g-index
43 all docs	**43** docs citations	**43** times ranked	**194** citing authors

#	Article	IF	Citations
1	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
2	Crow Search Algorithm (CSA). Studies in Computational Intelligence, 2018, , 143-149.	0.7	35
3	Optimization of Run-of-River Hydropower Plant Design under Climate Change Conditions. Water Resources Management, 2018, 32, 3919-3934.	1.9	22
4	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
5	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
6	Strategic Importance and Safety of Water Resources. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	14
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 robust multiple-objective decision-making paradigm based on the water–energy–food security nexus under changing climate uncertainties. Scientific Reports, 2021, 11, 20927.	1.6	12
9	Investigating the variability of GCMs' simulations using time series analysis. Journal of Water and Climate Change, 2019, 10, 449-463.	1.2	11
10	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
11	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
12	System dynamics modeling of lake water management under climate change. Scientific Reports, 2022, 12, 5828.	1.6	7
13	Application of Swarm Intelligence and Evolutionary Computation Algorithms for Optimal Reservoir Operation. Water Resources Management, 2022, 36, 2275-2292.	1.9	6
14	Time-Based Vulnerability: A Step Forward to Operate Water Resources Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 02516001.	0.6	5
15	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
16	Dragonfly Algorithm (DA). Studies in Computational Intelligence, 2018, , 151-159.	0.7	5
17	Brief Chronicle of Water Wars: Search for Global Peace. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	4
18	Intense extreme hydro-climatic events take a toll on society. Natural Hazards, 2021, 108, 2385-2391.	1.6	4

#	Article	IF	Citations
19	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
20	Unionism and Water Resources Management. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	0.6	3
21	Stiffness and sensitivity criteria and their application to water resources assessment. Journal of Hydro-Environment Research, 2018, 20, 93-100.	1.0	3
22	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
23	Adverse impacts of climate change in Maharlou Lake Basin, Iran. Hydro Science & Marine Engineering, 2020, 2, .	0.1	2
24	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
25	Computational Intelligence: An Introduction. Studies in Computational Intelligence, 2022, , 411-427.	0.7	2
26	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
27	Krill Herd Algorithm (KHA). Studies in Computational Intelligence, 2018, , 69-79.	0.7	1
28	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
29	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
30	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
31	Multi-attribute Decision-Making: A View of the World of Decision-Making. Springer Water, 2021, , 305-322.	0.2	0