Mahdi

List of Publications by Year in Descending Order

13 papers	18 citations	2 h-index	4 g-index
15 ext. papers	51 ext. citations	2.7 avg, IF	1.85 L-index

#	Paper	IF	Citations
13	Reducing impacts of rice fields nitrate contamination on the river ecosystem by a coupled SWAT reservoir operation optimization model. *Arabian Journal of Geosciences*, **2022**, 15, 1	1.8	
12	A simulation-optimization system for evaluating flood management and environmental flow supply by reservoirs. *Natural Hazards*, **2022**, 111, 2855	3	
11	Optimizing monthly ecological flow regime by a coupled fuzzy physical habitat simulation-genetic algorithm method. *Environment Systems and Decisions*, **2021**, 41, 425-436	4.1	5
10	Efficiency of coupled invasive weed optimization-adaptive neuro fuzzy inference system method to assess physical habitats in streams. *SN Applied Sciences*, **2021**, 3, 1	1.8	1
9	Design of optimal environmental flow regime at downstream of reservoirs using wetted perimeter-optimization method. *Journal of Hydro-Environment Research*, **2021**, 39, 1-14	2.3	0
8	Modelling of thermal habitat loss of brown trout (Salmo trutta) due to the impact of climate warming. *Ecohydrology and Hydrobiology*, **2019**, 19, 167-177	2.8	6
7	Linking ecohydraulic simulation and optimization system for mitigating economic and environmental losses of reservoirs		1
6	Design of optimal environmental flow regime at downstream of multireservoir systems by a coupled SWAT-reservoir operation optimization method. *Environment, Development and Sustainability*,1	4.5	0
5	Utilizing classic evolutionary algorithms to assess the Brown trout (Salmo trutta) habitats by ANFIS-based physical habitat model. *Modeling Earth Systems and Environment*,1	3.2	0
4	Optimizing reservoir operation to avoid downstream physical habitat loss using coupled ANFIS-metaheuristic model. *Earth Science Informatics*,1	2.5	1
3	Utilizing Evolutionary algorithms for continuous simulation of long-term reservoir inflows. *Water Management*,1-35	1	1
2	Balancing environmental impacts and economic benefits of agriculture under the climate change through an integrated optimization system. *International Journal of Energy and Environmental Engineering*,1	4	1
1	Optimizing environmental flow regime by integrating river and reservoir ecosystems. *Water Resources Management*,1	3.7	1