Wei-Wei Yao

List of Publications by Year
in descending order

15 papers	156 citations	1307594 7 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	96 citing authors

#	Article	IF	Citations
1	Identifying fish ecological risk patterns based on the effects of long-term dam operation schemes. Ecological Engineering, 2021, 159, 106102.	3.6	11
2	Ecohydraulic tools for aquatic fauna habitat and population status assessment, analysis and monitoring aimed at promoting integrated river management. Ecological Modelling, 2021, 456, 109682.	2.5	8
3	Optimization of Canal Water in an Irrigation Network Based on a Genetic Algorithm: A Case Study of the North China Plain Canal System. Irrigation and Drainage, 2019, 68, 629-636.	1.7	10
4	Assessing the Geological Stability, Dam Construction Effects, and Ecological Status of Karst Water Areas, Guizhou Province, China. Handbook of Environmental Chemistry, 2019, , 251-269.	0.4	0
5	Assessing three fish species ecological status in Colorado River, Grand Canyon based on physical habitat and population models. Mathematical Biosciences, 2018, 298, 91-104.	1.9	8
6	Development of eco–hydraulic model for assessing fish habitat and population status in freshwater ecosystems. Ecohydrology, 2018, 11, e1961.	2.4	17
7	Assessing the river habitat suitability and effects of introduction of exotic fish species based on anecohydraulic model system. Ecological Informatics, 2018, 45, 59-69.	5.2	9
8	Developing a Model to Assess the Potential Impact of TUM Hydropower Turbines on Small River Ecology. Sustainability, 2018, 10, 1662.	3.2	7
9	Glen Canyon Dam Operation Effects on Rainbow Trout Habitat and Population Status. Polish Journal of Environmental Studies, 2018, 27, 413-419.	1.2	3
10	Habitat models for assessing river ecosystems and their application to the development of river restoration strategies. Journal of Freshwater Ecology, 2017, 32, 601-617.	1.2	22
11	Simulating Spawning and Juvenile Rainbow Trout (Oncorhynchus mykiss) Habitat in Colorado River Based on High-Flow Effects. Water (Switzerland), 2017, 9, 150.	2.7	10
12	The Spatiotemporal Distribution of Two Bacterial Indexes in a Small Tibetan Plateau Watershed. Water (Switzerland), 2017, 9, 823.	2.7	2
13	Optimizing the operation of a hydraulic dam for ecological flow requirements of the You-shui River due to a hydropower station construction. Lake and Reservoir Management, 2016, 32, 1-12.	1.3	12
14	Three high flow experiment releases from Glen Canyon Dam on rainbow trout and flannelmouth sucker habitat in Colorado River. Ecological Engineering, 2015, 75, 278-290.	3.6	35
15	Use of a self-propelled, fish-shaped, computer model to study the effects of shape and tail-beat frequency on torque and velocity in salmon-shaped fish. Marine and Freshwater Behaviour and Physiology, 2014, 47, 161-172.	0.9	2