

# Wei-Wei Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7684284/publications.pdf>

Version: 2024-02-01

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