Dejun Zhu

List of Publications by Year
in descending order

21	268	10	16
papers	citations	h-index	g-index

933447

940533

21	21	21	319
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the WRF-Lake Model in the Large Dimictic Reservoir: Comparisons with Field Data and Another Water Temperature Model. Journal of Hydrometeorology, 2022, 23, 1227-1244.	1.9	4
2	A Multigrid Dynamic Bidirectional Coupled Surface Flow Routing Model for Flood Simulation. Water (Switzerland), 2021, 13, 3454.	2.7	2
3	Impacts of Land Use and Land Cover on Water Quality at Multiple Buffer-Zone Scales in a Lakeside City. Water (Switzerland), 2020, 12, 47.	2.7	18
4	Laboratory Study of Secondary Flow in an Open Channel Bend by Using PIV. Water (Switzerland), 2019, 11, 659.	2.7	17
5	Effect of the particle size and surface area on *Escherichia coli* attachment to mineral particles in fresh water. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 1219-1226.	1.7	2
6	Study on the Attachment of Escherichia coli to Sediment Particles at a Single-Cell Level: The Effect of Particle Size. Water (Switzerland), 2019, 11, 819.	2.7	10
7	Implementing of the JPWSPC method in RIV1H for unsteady flow modeling in general river networks. International Journal of Sediment Research, 2019, 34, 379-386.	3.5	4
8	Development and performance of a 1D–2D coupled shallow water model for large river and lake networks. Journal of Hydraulic Research/De Recherches Hydrauliques, 2019, 57, 852-865.	1.7	9
9	Modelling the impact of hydrodynamic turbulence on the competition between Microcystis and Chlorella for light. Ecological Modelling, 2018, 370, 50-58.	2.5	13
10	Longitudinal variations of phytoplankton compositions in lake-to-river systems. Limnologica, 2017, 62, 173-180.	1.5	12
11	Improved 2D Shallow Water Model Able to Capture the Effects of Complex Bathymetric Features through Their Subgrid Modeling. Journal of Hydraulic Engineering, 2017, 143, 04016081.	1.5	7
12	Effects of the "Run-of-River" Hydro Scheme on Macroinvertebrate Communities and Habitat Conditions in a Mountain River of Northeastern China. Water (Switzerland), 2016, 8, 31.	2.7	19
13	Longitudinal dispersion coefficient in ice-covered rivers. Journal of Hydraulic Research/De Recherches Hydrauliques, 2016, 54, 558-566.	1.7	8
14	Simulating and understanding effects of water level fluctuations on thermal regimes in Miyun Reservoir. Hydrological Sciences Journal, 2016, , 1-18.	2.6	7
15	The Influence of a Eutrophic Lake to the River Downstream: Spatiotemporal Algal Composition Changes and the Driving Factors. Water (Switzerland), 2015, 7, 2184-2201.	2.7	26
16	A Parallel JPWSPC Algorithm for Hydrodynamic Simulation of River Network. , 2013, , .		1
17	1D–2D Coupled Numerical Model for Shallow-Water Flows. Journal of Hydraulic Engineering, 2012, 138, 122-132.	1.5	40
18	Analytical model for vertical velocity profiles in flows with submerged shrub-like vegetation. Environmental Fluid Mechanics, 2012, 12, 341-346.	1.6	26

#	Article	IF	Citations
19	Simple, Robust, and Efficient Algorithm for Gradually Varied Subcritical Flow Simulation in General Channel Networks. Journal of Hydraulic Engineering, 2011, 137, 766-774.	1.5	37
20	A non-horizontal multi-layer numerical model for the flow in natural rivers. International Journal of Computational Fluid Dynamics, 2009, 23, 59-68.	1.2	2
21	Study on the concentration distribution in a trapezoidal open-channel flow with a side discharge. Environmental Fluid Mechanics, 2007, 7, 509-517.	1.6	4