

Dejun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

268
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933447

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940533

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21
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21
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319
citing authors

#	ARTICLE	IF	CITATIONS
1	1D-2D Coupled Numerical Model for Shallow-Water Flows. <i>Journal of Hydraulic Engineering</i> , 2012, 138, 122-132.	1.5	40
2	Simple, Robust, and Efficient Algorithm for Gradually Varied Subcritical Flow Simulation in General Channel Networks. <i>Journal of Hydraulic Engineering</i> , 2011, 137, 766-774.	1.5	37
3	Analytical model for vertical velocity profiles in flows with submerged shrub-like vegetation. <i>Environmental Fluid Mechanics</i> , 2012, 12, 341-346.	1.6	26
4	The Influence of a Eutrophic Lake to the River Downstream: Spatiotemporal Algal Composition Changes and the Driving Factors. <i>Water (Switzerland)</i> , 2015, 7, 2184-2201.	2.7	26
5	Effects of the "Run-of-River" Hydro Scheme on Macroinvertebrate Communities and Habitat Conditions in a Mountain River of Northeastern China. <i>Water (Switzerland)</i> , 2016, 8, 31.	2.7	19
6	Impacts of Land Use and Land Cover on Water Quality at Multiple Buffer-Zone Scales in a Lakeside City. <i>Water (Switzerland)</i> , 2020, 12, 47.	2.7	18
7	Laboratory Study of Secondary Flow in an Open Channel Bend by Using PIV. <i>Water (Switzerland)</i> , 2019, 11, 659.	2.7	17
8	Modelling the impact of hydrodynamic turbulence on the competition between <i>Microcystis</i> and <i>Chlorella</i> for light. <i>Ecological Modelling</i> , 2018, 370, 50-58.	2.5	13
9	Longitudinal variations of phytoplankton compositions in lake-to-river systems. <i>Limnologica</i> , 2017, 62, 173-180.	1.5	12
10	Study on the Attachment of <i>Escherichia coli</i> to Sediment Particles at a Single-Cell Level: The Effect of Particle Size. <i>Water (Switzerland)</i> , 2019, 11, 819.	2.7	10
11	Development and performance of a 1D-2D coupled shallow water model for large river and lake networks. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2019, 57, 852-865.	1.7	9
12	Longitudinal dispersion coefficient in ice-covered rivers. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2016, 54, 558-566.	1.7	8
13	Simulating and understanding effects of water level fluctuations on thermal regimes in Miyun Reservoir. <i>Hydrological Sciences Journal</i> , 2016, , 1-18.	2.6	7
14	Improved 2D Shallow Water Model Able to Capture the Effects of Complex Bathymetric Features through Their Subgrid Modeling. <i>Journal of Hydraulic Engineering</i> , 2017, 143, 04016081.	1.5	7
15	Study on the concentration distribution in a trapezoidal open-channel flow with a side discharge. <i>Environmental Fluid Mechanics</i> , 2007, 7, 509-517.	1.6	4
16	Implementing of the JPWSPC method in RIV1H for unsteady flow modeling in general river networks. <i>International Journal of Sediment Research</i> , 2019, 34, 379-386.	3.5	4
17	Evaluation of the WRF-Lake Model in the Large Dimictic Reservoir: Comparisons with Field Data and Another Water Temperature Model. <i>Journal of Hydrometeorology</i> , 2022, 23, 1227-1244.	1.9	4
18	A non-horizontal multi-layer numerical model for the flow in natural rivers. <i>International Journal of Computational Fluid Dynamics</i> , 2009, 23, 59-68.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Effect of the particle size and surface area on <i>Escherichia coli</i> attachment to mineral particles in fresh water. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1219-1226.	1.7	2
20	A Multigrid Dynamic Bidirectional Coupled Surface Flow Routing Model for Flood Simulation. <i>Water (Switzerland)</i> , 2021, 13, 3454.	2.7	2
21	A Parallel JPWSPC Algorithm for Hydrodynamic Simulation of River Network. , 2013, , .		1