Yong Peng

List of Publications by Year in descending order

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23	557	759233 12	642732 23
papers	citations	h-index	g-index

23	23	23	590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study on the Collapse Process of Cavitation Bubbles Including Heat Transfer by Lattice Boltzmann Method. Journal of Marine Science and Engineering, 2021, 9, 219.	2.6	11
2	Approximate Analytical Solution and Laboratory Experiments for Dam-Break Wave Tip Region in Triangular Channels. Journal of Hydraulic Engineering, 2021, 147, 06021015.	1.5	4
3	Analytical Solution of Shallow Water Equations for Ideal Dam-Break Flood along a Wet-Bed Slope. Journal of Hydraulic Engineering, 2020, 146, .	1.5	8
4	Analytical and Experimental Investigations of Dam-Break Flows in Triangular Channels with Wet-Bed Conditions. Journal of Hydraulic Engineering, 2020, 146, .	1.5	13
5	Study on the Collapse Process of Cavitation Bubbles Near the Concave Wall by Lattice Boltzmann Method Pseudo-Potential Model. Energies, 2020, 13, 4398.	3.1	8
6	Numerical Simulation of the Hydraulic Performances and Flow Pattern of Swallow-Tailed Flip Bucket. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	1
7	Experimental and numerical investigations of similarity for dam-break flows on wet bed. Journal of Hydrology, 2020, 583, 124598.	5.4	22
8	Enhancement of semi-theoretical models for predicting peak discharges in breached embankment dams. Environmental Fluid Mechanics, 2020, 20, 885-904.	1.6	10
9	Comparison of measured dam-break flood waves in triangular and rectangular channels. Journal of Hydrology, 2019, 575, 690-703.	5.4	22
10	Numerical Simulation of Flow and Temperature Fields in a Deep Stratified Reservoir Using Water-Separating Curtain. International Journal of Environmental Research and Public Health, 2019, 16, 5143.	2.6	4
11	Urban and river flooding: Comparison of flood risk management approaches in the UK and China and an assessment of future knowledge needs. Water Science and Engineering, 2019, 12, 274-283.	3.2	83
12	Numerical modelling of hydro-morphological processes dominated by fine suspended sediment in a stormwater pond. Journal of Hydrology, 2018, 556, 87-99.	5.4	27
13	Experimental Optimization of Gate-Opening Modes to Minimize Near-Field Vibrations in Hydropower Stations. Water (Switzerland), 2018, 10, 1435.	2.7	4
14	Study of Cavitation Bubble Collapse near a Wall by the Modified Lattice Boltzmann Method. Water (Switzerland), 2018, 10, 1439.	2.7	14
15	Empirical and semi-analytical models for predicting peak outflows caused by embankment dam failures. Journal of Hydrology, 2018, 562, 692-702.	5.4	34
16	Study on Force Schemes in Pseudopotential Lattice Boltzmann Model for Two-Phase Flows. Mathematical Problems in Engineering, 2018, 2018, 1-9.	1.1	11
17	Second-order force scheme for lattice Boltzmann model of shallow water flows. Journal of Hydraulic Research/De Recherches Hydrauliques, 2017, 55, 592-597.	1.7	18
18	Modeling reference evapotranspiration using extreme learning machine and generalized regression neural network only with temperature data. Computers and Electronics in Agriculture, 2017, 136, 71-78.	7.7	205

#	Article	IF	Citations
19	Analytical solution of dam-break flood wave propagation in a dry sloped channel with an irregular-shaped cross-section. Journal of Hydro-Environment Research, 2017, 14, 93-104.	2.2	17
20	Characterization of the mean velocity of a circular jet in a bounded basin. Journal of Zhejiang University: Science A, 2017, 18, 807-818.	2.4	3
21	Simulation and Experiments of Aerated Flow in Curve-Connective Tunnel with High Head and Large Discharge. International Journal of Civil Engineering, 2016, 14, 23-33.	2.0	12
22	Evolution of Pressure and Cavitation on Side Walls Affected by Lateral Divergence Angle and Opening of Radial Gate. Journal of Hydraulic Engineering, 2016, 142, .	1.5	16
23	Mixed numerical method for bed evolution. Water Management, 2015, 168, 3-15.	1.2	10