Yong Peng

List of Publications by Year
in descending order

23 papers	557 citations	759233 12 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	590 citing authors

#	Article	IF	Citations
1	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
2	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
3	Empirical and semi-analytical models for predicting peak outflows caused by embankment dam failures. Journal of Hydrology, 2018, 562, 692-702.	5.4	34
4	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
5	Comparison of measured dam-break flood waves in triangular and rectangular channels. Journal of Hydrology, 2019, 575, 690-703.	5.4	22
6	Experimental and numerical investigations of similarity for dam-break flows on wet bed. Journal of Hydrology, 2020, 583, 124598.	5.4	22
7	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
8	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
9	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
10	Study of Cavitation Bubble Collapse near a Wall by the Modified Lattice Boltzmann Method. Water (Switzerland), 2018, 10, 1439.	2.7	14
11	Analytical and Experimental Investigations of Dam-Break Flows in Triangular Channels with Wet-Bed Conditions. Journal of Hydraulic Engineering, 2020, 146, .	1.5	13
12	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
13	Study on Force Schemes in Pseudopotential Lattice Boltzmann Model for Two-Phase Flows. Mathematical Problems in Engineering, 2018, 2018, 1-9.	1.1	11
14	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
15	Mixed numerical method for bed evolution. Water Management, 2015, 168, 3-15.	1.2	10
16	Enhancement of semi-theoretical models for predicting peak discharges in breached embankment dams. Environmental Fluid Mechanics, 2020, 20, 885-904.	1.6	10
17	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
18	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

#	Article	IF	Citations
19	Experimental Optimization of Gate-Opening Modes to Minimize Near-Field Vibrations in Hydropower Stations. Water (Switzerland), 2018, 10, 1435.	2.7	4
20	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
21	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
22	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
23	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