

Nan-Jing Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

235
citations

9
h-index

14
g-index

25
ext. papers

278
ext. citations

2.3
avg, IF

4.11
L-index

#	Paper	IF	Citations
25	Generation of stable solitary waves by a piston-type wave maker. <i>Wave Motion</i> , 2014 , 51, 240-255	1.8	29
24	Meshless numerical simulation for fully nonlinear water waves. <i>International Journal for Numerical Methods in Fluids</i> , 2006 , 50, 219-234	1.9	27
23	The study on solitary waves generated by a piston-type wave maker. <i>Ocean Engineering</i> , 2016 , 117, 114-129	1.9	22
22	Simulation of free-surface waves in liquid sloshing using a domain-type meshless method. <i>International Journal for Numerical Methods in Fluids</i> , 2011 , 67, 269-288	1.9	20
21	Computation of Nonlinear Free-Surface Flows by a Meshless Numerical Method. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2008 , 134, 97-103	1.7	18
20	Application of weighted-least-square local polynomial approximation to 2D shallow water equation problems. <i>Engineering Analysis With Boundary Elements</i> , 2016 , 68, 124-134	2.6	18
19	Applicability of the method of fundamental solutions to 3-D wavebody interaction with fully nonlinear free surface. <i>Journal of Engineering Mathematics</i> , 2009 , 63, 61-78	1.2	14
18	An ANN Model for Predicting the Compressive Strength of Concrete. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3798	2.6	13
17	A robust local polynomial collocation method. <i>International Journal for Numerical Methods in Engineering</i> , 2013 , 93, 355-375	2.4	9
16	Applications of Cluster Analysis and Pattern Recognition for Typhoon Hourly Rainfall Forecast. <i>Advances in Meteorology</i> , 2017 , 2017, 1-17	1.7	8
15	Mesh-free simulation of liquid sloshing subjected to harmonic excitations. <i>Engineering Analysis With Boundary Elements</i> , 2016 , 64, 90-100	2.6	8
14	Nonlinear wave propagation and run-up generated by subaerial landslides modeled using meshless method. <i>Computational Mechanics</i> , 2014 , 53, 203-214	4	8
13	Predicting the Compressive Strength of Concrete Using an RBF-ANN Model. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6382	2.6	8
12	Automatic Calibration of an Unsteady River Flow Model by Using Dynamically Dimensioned Search Algorithm. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-19	1.1	6
11	Application of meshless SWE model to moving wet/dry front problems. <i>Engineering With Computers</i> , 2019 , 35, 291-303	4.5	6
10	Orthogonal grid generation of an irregular region using a local polynomial collocation method. <i>Journal of Computational Physics</i> , 2013 , 243, 58-73	4.1	5
9	Simulation of propagation and run-up of landslide-induced waves using meshless method. <i>Journal of Coastal Research</i> , 2013 , 65, 404-409	0.6	5

8	Simulation of Ocean Circulation of Dongsha Water Using Non-Hydrostatic Shallow-Water Model. <i>Water (Switzerland)</i> , 2020 , 12, 2832	3	4
7	Simulation of Propagation and Run-Up of Three Dimensional Landslide-Induced Waves Using a Meshless Method. <i>Water (Switzerland)</i> , 2018 , 10, 552	3	2
6	Exact Boundary Derivative Formulation for Numerical Conformal Mapping Method. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-18	1.1	2
5	A GE/BC imbedded local polynomial collocation method for two dimensional multivariable problems. <i>Engineering Analysis With Boundary Elements</i> , 2019 , 100, 185-194	2.6	1
4	A Review on the Modified Finite Point Method. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-29	1.1	1
3	A 2D SWE meshless model with fictitious water level at dry nodes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 1-15	1.9	1
2	An introduction of the GE/BC embedded meshless method by using an ODE problem as example. <i>Journal of Physics: Conference Series</i> , 2020 , 1490, 012018	0.3	
1	A Weighted-Least-Squares Meshless Model for Non-Hydrostatic Shallow Water Waves. <i>Water (Switzerland)</i> , 2021 , 13, 3195	3	