

Nan-Jing Wu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

338
citations

840585

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839398

18
g-index

25
all docs

25
docs citations

25
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	An ANN Model for Predicting the Compressive Strength of Concrete. Applied Sciences (Switzerland), 2021, 11, 3798.	1.3	42
2	Generation of stable solitary waves by a piston-type wave maker. Wave Motion, 2014, 51, 240-255.	1.0	37
3	The study on solitary waves generated by a piston-type wave maker. Ocean Engineering, 2016, 117, 114-129.	1.9	31
4	Meshless numerical simulation for fully nonlinear water waves. International Journal for Numerical Methods in Fluids, 2006, 50, 219-234.	0.9	30
5	Simulation of free-surface waves in liquid sloshing using a domain-type meshless method. International Journal for Numerical Methods in Fluids, 2011, 67, 269-288.	0.9	24
6	Predicting the Compressive Strength of Concrete Using an RBF-ANN Model. Applied Sciences (Switzerland), 2021, 11, 6382.	1.3	23
7	Computation of Nonlinear Free-Surface Flows by a Meshless Numerical Method. Journal of Waterway, Port, Coastal and Ocean Engineering, 2008, 134, 97-103.	0.5	22
8	Application of weighted-least-square local polynomial approximation to 2D shallow water equation problems. Engineering Analysis With Boundary Elements, 2016, 68, 124-134.	2.0	22
9	Applicability of the method of fundamental solutions to 3-D wave-body interaction with fully nonlinear free surface. Journal of Engineering Mathematics, 2009, 63, 61-78.	0.6	17
10	Mesh-free simulation of liquid sloshing subjected to harmonic excitations. Engineering Analysis With Boundary Elements, 2016, 64, 90-100.	2.0	16
11	Applications of Cluster Analysis and Pattern Recognition for Typhoon Hourly Rainfall Forecast. Advances in Meteorology, 2017, 2017, 1-17.	0.6	12
12	A robust local polynomial collocation method. International Journal for Numerical Methods in Engineering, 2013, 93, 355-375.	1.5	11
13	Nonlinear wave propagation and run-up generated by subaerial landslides modeled using meshless method. Computational Mechanics, 2014, 53, 203-214.	2.2	10
14	Application of meshless SWE model to moving wet/dry front problems. Engineering With Computers, 2019, 35, 291-303.	3.5	8
15	Automatic Calibration of an Unsteady River Flow Model by Using Dynamically Dimensioned Search Algorithm. Mathematical Problems in Engineering, 2017, 2017, 1-19.	0.6	7
16	Orthogonal grid generation of an irregular region using a local polynomial collocation method. Journal of Computational Physics, 2013, 243, 58-73.	1.9	5
17	Simulation of propagation and run-up of landslide-induced waves using meshless method. Journal of Coastal Research, 2013, 65, 404-409.	0.1	5
18	Simulation of Ocean Circulation of Dongsha Water Using Non-Hydrostatic Shallow-Water Model. Water (Switzerland), 2020, 12, 2832.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Simulation of Propagation and Run-Up of Three Dimensional Landslide-Induced Waves Using a Meshless Method. <i>Water (Switzerland)</i> , 2018, 10, 552.	1.2	4
20	Exact Boundary Derivative Formulation for Numerical Conformal Mapping Method. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-18.	0.6	2
21	A 2D SWE meshless model with fictitious water level at dry nodes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 0, , 1-15.	0.7	2
22	A Review on the Modified Finite Point Method. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-29.	0.6	1
23	A GE/BC imbedded local polynomial collocation method for two dimensional multivariable problems. <i>Engineering Analysis With Boundary Elements</i> , 2019, 100, 185-194.	2.0	1
24	A Weighted-Least-Squares Meshless Model for Non-Hydrostatic Shallow Water Waves. <i>Water (Switzerland)</i> , 2021, 13, 3195.	1.2	1
25	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	0