

Min Luo

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

679
citations

858243

12
h-index

721071

23
g-index

25
all docs

25
docs citations

25
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the mesoscale causes of the influence of surface tension on material erosion in a cavitation field. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2022, 60, 82-93.	0.7	4
2	An active-controlled heaving plate breakwater trained by an intelligent framework based on deep reinforcement learning. <i>Ocean Engineering</i> , 2022, 244, 110357.	1.9	9
3	Numerical simulation of Faraday waves in a rectangular tank and damping mechanism of internal baffles. <i>Journal of Fluids and Structures</i> , 2022, 109, 103503.	1.5	5
4	Resonant sloshing in a rectangular tank under coupled heave and surge excitations. <i>Applied Ocean Research</i> , 2022, 121, 103076.	1.8	9
5	A Comparative Study on the Accuracy and Conservation Properties of the SPH Method for Fluid Flow Interaction with Porous Media. <i>Advances in Water Resources</i> , 2022, , 104220.	1.7	5
6	Experimental investigation of freak wave actions on a floating platform and effects of the air gap. <i>Ocean Engineering</i> , 2022, 253, 111192.	1.9	10
7	An adaptive PCE-HDMR metamodeling approach for high-dimensional problems. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 141-162.	1.7	22
8	Flow pattern and hydrodynamic parameters of pile breakwater under solitary wave using OpenFOAM. <i>Ocean Engineering</i> , 2021, 235, 109381.	1.9	7
9	Particle methods in ocean and coastal engineering. <i>Applied Ocean Research</i> , 2021, 114, 102734.	1.8	174
10	Experimental study of freak wave impacts on a tension-leg platform. <i>Marine Structures</i> , 2020, 74, 102821.	1.6	15
11	Three-dimensional sloshing in a scaled membrane LNG tank under combined roll and pitch excitations. <i>Ocean Engineering</i> , 2020, 211, 107578.	1.9	18
12	Advances in Modelling and Prediction on the Impact of Human Activities and Extreme Events on Environments. <i>Water (Switzerland)</i> , 2020, 12, 1768.	1.2	14
13	Dynamic hydraulic jump and retrograde sedimentation in an open channel induced by sediment supply: experimental study and SPH simulation. <i>Journal of Mountain Science</i> , 2019, 16, 1913-1927.	0.8	9
14	An experimental and numerical study of plunging wave impact on a box-shape structure. <i>Marine Structures</i> , 2019, 66, 272-287.	1.6	41
15	Consistent Particle Method simulation of solitary wave impinging on and overtopping a seawall. <i>Engineering Analysis With Boundary Elements</i> , 2019, 103, 160-171.	2.0	33
16	Consistent Particle Method Simulation of Solitary Wave Interaction with a Submerged Breakwater. <i>Water (Switzerland)</i> , 2019, 11, 261.	1.2	11
17	SPH Simulation of Hydraulic Jump on Corrugated Riverbeds. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 436.	1.3	5
18	The suction effect during freak wave slamming on a fixed platform deck: Smoothed particle hydrodynamics simulation and experimental study. <i>Physics of Fluids</i> , 2019, 31, .	1.6	70

#	ARTICLE	IF	CITATIONS
19	Shared-Memory parallelization of consistent particle method for violent wave impact problems. Applied Ocean Research, 2017, 69, 87-99.	1.8	22
20	A particle method for two-phase flows with compressible air pocket. International Journal for Numerical Methods in Engineering, 2016, 108, 695-721.	1.5	29
21	A three-dimensional particle method for violent sloshing under regular and irregular excitations. Ocean Engineering, 2016, 120, 52-63.	1.9	50
22	A particle method for two-phase flows with large density difference. International Journal for Numerical Methods in Engineering, 2015, 103, 235-255.	1.5	30
23	Simulation of Wave Impact With Compressible Air Entrainment Based on Consistent Particle Method. , 2015, , .		0
24	A New Particle Method for Two-Phase Flows With Large Density Difference. , 2014, , .		0
25	Modelling of liquid sloshing with constrained floating baffle. Computers and Structures, 2013, 122, 270-279.	2.4	87