

Shengnan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

176
citations

1163117

8
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of breaking wave loads on the downstream inclined cylinder under shelter effect from the upstream vertical cylinder. <i>Ships and Offshore Structures</i> , 2022, 17, 1706-1716.	1.9	2
2	An evaluation of different RANS turbulence models for simulating breaking waves past a vertical cylinder. <i>Ocean Engineering</i> , 2021, 234, 109195.	4.3	20
3	Finite Volume method for general compressible naval hydrodynamics. <i>Ocean Engineering</i> , 2020, 196, 106773.	4.3	10
4	Influences of free surface jump conditions and different k SST turbulence models on breaking wave modelling. <i>Ocean Engineering</i> , 2020, 217, 107746.	4.3	32
5	The influence of terrain on the mean wind flow characteristics in a fjord. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 205, 104331.	3.9	15
6	Numerical Simulation of Breaking Wave Loading on Standing Circular Cylinders with Different Transverse Inclined Angles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1347.	2.5	7
7	CFD Simulations of the Propagation of Free-Surface Waves Past Two Side-By-Side Fixed Squares with a Narrow Gap. <i>Energies</i> , 2019, 12, 2669.	3.1	4
8	Unsteady RANS Simulations of Flow around a Twin-Box Bridge Girder Cross Section. <i>Energies</i> , 2019, 12, 2670.	3.1	11
9	CFD simulations of violent breaking wave impacts on a vertical wall using a two-phase compressible solver. <i>Coastal Engineering</i> , 2019, 154, 103564.	4.0	27
10	Numerical Simulations of Breaking Waves and Steep Waves Past a Vertical Cylinder at Different Keulegan-Carpenter Numbers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	10
11	Numerical simulations of free-surface waves past two vertically aligned horizontal circular cylinders. <i>Ocean Engineering</i> , 2019, 172, 550-561.	4.3	7
12	Characteristics of higher-harmonic breaking wave forces and secondary load cycles on a single vertical circular cylinder at different Froude numbers. <i>Marine Structures</i> , 2019, 64, 54-77.	3.8	26
13	Numerical Investigation of Scour Around Subsea Pipelines Near the Seabed. , 2019, , .		0
14	Wave Impact Loads Prediction With Compressible Air Effects Using CFD. , 2019, , .		0
15	Computational Fluid Dynamics Simulations of Regular and Irregular Waves Past a Horizontal Semi-Submerged Cylinder. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2018, 140, .	1.2	5
16	CFD Simulations of Spilling Breaking Waves and Steep Waves Past a Monopile Structure at Different KC Numbers. , 2018, , .		0
17	Numerical Simulations of Regular and Irregular Wave Forces on a Horizontal Semi-Submerged Cylinder. , 2017, , .		0
18	Time domain simulation of a one line failure for a DP-assisted mooring system. <i>Journal of Marine Science and Application</i> , 2014, 13, 321-326.	1.7	0

#	ARTICLE	IF	CITATIONS
19	Dynamic Response of Different Types of TLPs in Liwan Gas Field. , 2013, , .		0