Shengnan Liu

List of Publications by Year
in descending order

19	176	1163117 8	1125743 13
papers	citations	h-index	g-index

19	19	19	112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influences of free surface jump conditions and different <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mi>k</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after">â^’</mml:mo><mml:mi>Ï‰</mml:mi></mml:mrow></mml:math> SST turbulence models on breaking wave modelling. Ocean Engineering, 2020, 217, 107746.	4.3	32
2	CFD simulations of violent breaking wave impacts on a vertical wall using a two-phase compressible solver. Coastal Engineering, 2019, 154, 103564.	4.0	27
3	Characteristics of higher-harmonic breaking wave forces and secondary load cycles on a single vertical circular cylinder at different Froude numbers. Marine Structures, 2019, 64, 54-77.	3.8	26
4	An evaluation of different RANS turbulence models for simulating breaking waves past a vertical cylinder. Ocean Engineering, 2021, 234, 109195.	4.3	20
5	The influence of terrain on the mean wind flow characteristics in a fjord. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 205, 104331.	3.9	15
6	Unsteady RANS Simulations of Flow around a Twin-Box Bridge Girder Cross Section. Energies, 2019, 12, 2670.	3.1	11
7	Numerical Simulations of Breaking Waves and Steep Waves Past a Vertical Cylinder at Different Keuleganâ€“Carpenter Numbers. Journal of Offshore Mechanics and Arctic Engineering, 2019, 141, .	1.2	10
8	Finite Volume method for general compressible naval hydrodynamics. Ocean Engineering, 2020, 196, 106773.	4.3	10
9	Numerical simulations of free-surface waves past two vertically aligned horizontal circular cylinders. Ocean Engineering, 2019, 172, 550-561.	4.3	7
10	Numerical Simulation of Breaking Wave Loading on Standing Circular Cylinders with Different Transverse Inclined Angles. Applied Sciences (Switzerland), 2020, 10, 1347.	2.5	7
11	Computational Fluid Dynamics Simulations of Regular and Irregular Waves Past a Horizontal Semi-Submerged Cylinder. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	5
12	CFD Simulations of the Propagation of Free-Surface Waves Past Two Side-By-Side Fixed Squares with a Narrow Gap. Energies, 2019, 12, 2669.	3.1	4
13	Numerical investigation of breaking wave loads on the downstream inclined cylinder under shelter effect from the upstream vertical cylinder. Ships and Offshore Structures, 2022, 17, 1706-1716.	1.9	2
14	Dynamic Response of Different Types of TLPs in Liwan Gas Field. , 2013, , .		0
15	Time domain simulation of a one line failure for a DP-assisted mooring system. Journal of Marine Science and Application, 2014, 13, 321-326.	1.7	0
16	Numerical Simulations of Regular and Irregular Wave Forces on a Horizontal Semi-Submerged Cylinder. , 2017, , .		0
17	CFD Simulations of Spilling Breaking Waves and Steep Waves Past a Monopile Structure at Different KC Numbers. , 2018, , .		0
18	Numerical Investigation of Scour Around Subsea Pipelines Near the Seabed. , 2019, , .		0

#	Article	IF	Citations
19	Wave Impact Loads Prediction With Compressible Air Effects Using CFD. , 2019, , .		0