

Chunyan Ji

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

322
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Wave energy extraction and hydroelastic response reduction of modular floating breakwaters as array wave energy converters integrated into a very large floating structure. <i>Applied Energy</i> , 2022, 306, 117953.	10.1	31
2	Wave energy extraction for an array of dual-oscillating wave surge converter with different layouts. <i>Applied Energy</i> , 2021, 292, 116899.	10.1	7
3	Performance characteristics and parametric analysis of a novel multi-purpose platform combining a moonpool-type floating breakwater and an array of wave energy converters. <i>Applied Energy</i> , 2021, 292, 116888.	10.1	23
4	Water entry of a floating body into waves with air cavity effect. <i>Journal of Fluids and Structures</i> , 2021, 104, 103302.	3.4	5
5	Fully nonlinear investigation of focused wave slamming on a freely rotating flap. <i>Engineering Analysis With Boundary Elements</i> , 2020, 110, 24-41.	3.7	2
6	Three-dimensional hydrodynamic analysis and efficiency optimization of submerged multi-cylindrical oscillating wave surge converter. <i>Ocean Engineering</i> , 2020, 215, 107710.	4.3	1
7	Numerical simulation of violent breaking wave impacts on a moored offshore wind turbine foundation over nonuniform topography. <i>Physics of Fluids</i> , 2020, 32, .	4.0	7
8	Fully nonlinear investigations on performance of an OWSC (oscillating wave surge converter) in 3D (three-dimensional) open water. <i>Energy</i> , 2020, 210, 118526.	8.8	6
9	Solitary wave slamming on an Oscillating Wave Surge Converter over varying topography in the presence of collinear currents. <i>Physics of Fluids</i> , 2020, 32, .	4.0	10
10	Solitary wave slamming induced by an asymmetric wedge through three degrees of freedom free motions. <i>Physics of Fluids</i> , 2019, 31, .	4.0	5
11	Fully nonlinear analysis incorporating viscous effects for hydrodynamics of an oscillating wave surge converter with nonlinear power take-off system. <i>Energy</i> , 2019, 179, 1067-1081.	8.8	17
12	Numerical investigation of solitary wave slamming on an oscillating wave surge converter. <i>Physics of Fluids</i> , 2019, 31, .	4.0	14
13	Nonlinear analysis for ship-generated waves interaction with mooring line/riser systems. <i>Marine Structures</i> , 2018, 59, 1-24.	3.8	22
14	Wave-current entry of an asymmetric wedge in 3DOF free motions. <i>Engineering Analysis With Boundary Elements</i> , 2018, 91, 132-149.	3.7	16
15	Numerical investigation of water entry of a wedge into waves with current effects using a fully nonlinear HOBEM. <i>Ocean Engineering</i> , 2018, 153, 33-52.	4.3	34
16	Current effects on nonlinear wave slamming by an Oscillating Wave Surge Converter. <i>Engineering Analysis With Boundary Elements</i> , 2018, 96, 150-168.	3.7	8
17	Numerical and experimental investigation of nonlinear focused waves-current interaction with a submerged plate. <i>Ocean Engineering</i> , 2017, 135, 11-27.	4.3	28
18	Fully nonlinear numerical investigation on hydroelastic responses of floating elastic plate over variable depth sea-bottom. <i>Marine Structures</i> , 2017, 55, 37-61.	3.8	27

#	ARTICLE	IF	CITATIONS
19	Numerical and experimental investigation of hydrodynamic performance of a cylindrical dual pontoon-net floating breakwater. <i>Coastal Engineering</i> , 2017, 129, 1-16.	4.0	59