

Mingsheng Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6832452/publications.pdf>

Version: 2024-02-01

20
papers

255
citations

1040056

9
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the complex dynamics of float-over deck installation based on a coupled heave-roll-pitch impact model. <i>Ocean Engineering</i> , 2017, 137, 262-275.	4.3	36
2	Time domain modeling of a dynamic impact oscillator under wave excitations. <i>Ocean Engineering</i> , 2014, 76, 40-51.	4.3	33
3	Effects of the end-stop mechanism on the nonlinear dynamics and power generation of a point absorber in regular waves. <i>Ocean Engineering</i> , 2021, 242, 110123.	4.3	33
4	Effects of Gap Resonance on the Hydrodynamics and Dynamics of a Multi-Module Floating System with Narrow Gaps. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1256.	2.6	21
5	Nonlinear dynamic analysis of float-over deck installation for a GBS platform based on a constant parameter time domain model. <i>Ocean Engineering</i> , 2021, 235, 109443.	4.3	19
6	Experimental and numerical analyses of elastic-plastic responses of ship plates under ice floe impacts. <i>Ocean Engineering</i> , 2020, 218, 108174.	4.3	18
7	Investigation of offshore thermal power plant with carbon capture as an alternative to carbon dioxide transport. <i>Ocean Engineering</i> , 2014, 76, 152-162.	4.3	17
8	Experimental study on the deformation of fully clamped pipes under lateral impact. <i>International Journal of Impact Engineering</i> , 2018, 111, 94-105.	5.0	17
9	Experimental study on the propagation characteristics of the slamming pressures. <i>Ocean Engineering</i> , 2020, 217, 107868.	4.3	14
10	Fully Coupled Analysis of an Integrated Floating Wind-Wave Power Generation Platform in Operational Sea-States. <i>Frontiers in Energy Research</i> , 0, 10, .	2.3	12
11	The Quasi-Static Response of Moored Floating Structures Based on Minimization of Mechanical Energy. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 960.	2.6	8
12	Investigation on lateral bearing capacity of monopile under combined vertical-lateral loads and scouring condition. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 505-514.	2.1	8
13	On the fluid-structure response of elastic-plastic ship sides subjected to impact loads. <i>Marine Structures</i> , 2020, 70, 102698.	3.8	7
14	Equivalent design pressure for ship plates subjected to moving slamming impact loads. <i>Marine Structures</i> , 2020, 71, 102741.	3.8	7
15	An Investigation into the Logistical and Economical Benefits of Using Offshore Thermal Power in a Future CCS Scheme. <i>Energy Procedia</i> , 2013, 37, 2997-3004.	1.8	3
16	Numerical Modeling of Dynamic Response of Water Tank in Collision. , 2017, , .		1
17	Numerical Analysis of GBS Float-Over Deck Installation at Docking and Undocking Stages Based on a Coupled Heave-Roll-Pitch Impact Model. , 2019, , .		1
18	Grounding Experiments of a Ship Model in Water Tank. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Numerical Simulation of the Complex Impact Behavior of Float-Over Deck Installation Based on an Efficient Two-Body Heaving Impact Model. , 2018, , .		0
20	Numerical Study on Seakeeping Performance of a Damaged Ship. , 2019, , .		0