

Wei Qiu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/516312/publications.pdf>

Version: 2024-02-01

18
papers

240
citations

1163117

8
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of water impact for 2D and 3D bodies. Ocean Engineering, 2012, 43, 82-89.	4.3	59
2	Eugenol-modified polysiloxanes as effective anticorrosion additives for epoxy resin coatings. RSC Advances, 2017, 7, 55967-55976.	3.6	45
3	Uncertainties related to predictions of loads and responses for ocean and offshore structures. Ocean Engineering, 2014, 86, 58-67.	4.3	42
4	Benchmark study of global linear wave loads on a container ship with forward speed. Marine Structures, 2022, 84, 103162.	3.8	17
5	An improved higher-order moving particle semi-implicit method for simulations of two-dimensional hydroelastic slamming. Physics of Fluids, 2021, 33, .	4.0	13
6	Numerical Solution of 3-D Water Entry Problems With a Constrained Interpolation Profile Method. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	12
7	Improved prediction of 3-D water entry with a CIP method and parallel computing. Ocean Engineering, 2018, 164, 426-442.	4.3	11
8	Solving 2-D water entry problems with a CIP method and a parallel computing algorithm. Marine Systems and Ocean Technology, 2016, 11, 1-9.	1.0	10
9	Numerical Solution of Body-Exact Problem in the Time Domain. Journal of Ship Research, 2013, 57, 13-23.	1.1	7
10	Benchmark data and comprehensive uncertainty analysis of two-body interaction model tests in a towing tank. Ocean Engineering, 2019, 171, 663-676.	4.3	7
11	Solving 2-D highly nonlinear free-surface problems with an improved smoothed particle hydrodynamics method. Marine Systems and Ocean Technology, 2018, 13, 74-86.	1.0	6
12	Numerical Vortex-Induced Vibration Prediction of Marine Risers in Time-Domain Based on a Forcing Algorithm. Journal of Offshore Mechanics and Arctic Engineering, 2014, 136, .	1.2	5
13	Hydrodynamic Analysis and Optimization of a Hinged Type Wave Energy Converter. , 2016, , .		2
14	Experimental studies and time-domain simulation of a hinged-type wave energy converter in regular waves. Marine Systems and Ocean Technology, 2020, 15, 1-15.	1.0	2
15	High Mode Vortex Induced Vibration (VIV) Experiments on a Large-Scale Riser. , 2007, , .		1
16	Improved Added Mass Modeling for Ship-Ice Interactions Based on Numerical Results and Analytical Models. , 2016, , .		1
17	Large-scale experiments of a marine riser. , 2008, , .		0
18	Improving time-domain prediction of vortex-induced vibration of marine risers. Marine Systems and Ocean Technology, 2018, 13, 13-25.	1.0	0