

Gong Xiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/784464/publications.pdf>

Version: 2024-02-01

13
papers

158
citations

1163117

8
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	3D trajectory optimization of the slender body freely falling through water using cuckoo search algorithm. Ocean Engineering, 2021, 235, 109354.	4.3	30
2	Study on the motion of a freely falling horizontal cylinder into water using OpenFOAM. Ocean Engineering, 2020, 196, 106811.	4.3	23
3	Numerical study on the trajectory of dropped cylindrical objects. Ocean Engineering, 2017, 130, 1-9.	4.3	22
4	Improved dynamical modelling of freely falling underwater cylinder based on CFD. Ocean Engineering, 2020, 211, 107538.	4.3	17
5	Motion dynamics of dropped cylindrical objects in flows after water entry. Ocean Engineering, 2019, 173, 659-671.	4.3	16
6	Risk free zone study for cylindrical objects dropped into the water. Ocean Systems Engineering, 2016, 6, 377-400.	0.5	11
7	A Unified Approach for Underwater Homing and Docking of over-Actuated AUV. Journal of Marine Science and Engineering, 2021, 9, 884.	2.6	10
8	Study of the Trajectory and Landing Points of Dropped Cylindrical Object with Different Longitudinal Center of Gravity. International Journal of Offshore and Polar Engineering, 2017, 27, 274-282.	0.8	10
9	Trajectory Prediction of a Model Rocket Falling into the Towing Tank: Experimental Tests versus Numerical Simulations. Journal of Aerospace Engineering, 2020, 33, .	1.4	7
10	A CFD approach for numerical assessment of hydrodynamic coefficients of an inclined prism near the sea bottom. Ocean Engineering, 2022, 252, 111140.	4.3	7
11	On critical parameters of squall associated with the mooring design of a turret-moored FPSO. Ships and Offshore Structures, 2018, 13, 182-190.	1.9	2
12	Incorporating irregular nonlinear waves in simulation of dropped cylindrical objects. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 272-283.	0.5	2
13	Modelling the motion of a dropped cylinder under 3D second-order regular waves and identification of the governing parameters. Ships and Offshore Structures, 2020, 15, 1084-1097.	1.9	1