Gong Xiang

List of Publications by Year
in descending order

13	158	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	49
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A Unified Approach for Underwater Homing and Docking of over-Actuated AUV. Journal of Marine Science and Engineering, 2021, 9, 884.	2.6	10
3	3D trajectory optimization of the slender body freely falling through water using cuckoo search algorithm. Ocean Engineering, 2021, 235, 109354.	4.3	30
4	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
5	Study on the motion of a freely falling horizontal cylinder into water using OpenFOAM. Ocean Engineering, 2020, 196, 106811.	4.3	23
6	Improved dynamical modelling of freely falling underwater cylinder based on CFD. Ocean Engineering, 2020, 211, 107538.	4.3	17
7	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
8	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
9	Motion dynamics of dropped cylindrical objects in flows after water entry. Ocean Engineering, 2019, 173, 659-671.	4.3	16
10	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
11	Numerical study on the trajectory of dropped cylindrical objects. Ocean Engineering, 2017, 130, 1-9.	4.3	22
12	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
13	Risk free zone study for cylindrical objects dropped into the water. Ocean Systems Engineering, 2016, 6, 377-400.	0.5	11