

# Dongsheng Qiao

## List of Publications by Year in descending order

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22  
papers

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citations

1040056

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996975

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g-index

22  
all docs

22  
docs citations

22  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Wave Energy Converter and Design of Mooring System. Sustainability, 2020, 12, 8251.	3.2	46
2	Global responses analysis of a semi-submersible platform with different mooring models in South China Sea. Ships and Offshore Structures, 2013, 8, 441-456.	1.9	30
3	Numerical and experimental modelling of wave interaction with fixed and floating porous cylinders. Ocean Engineering, 2021, 242, 110118.	4.3	24
4	Innovative approach to design truncated mooring system based on static and damping equivalent. Ships and Offshore Structures, 2014, 9, 557-568.	1.9	22
5	A new approach to predict dynamic mooring tension using LSTM neural network based on responses of floating structure. Ocean Engineering, 2022, 249, 110905.	4.3	22
6	An improved quasi-static model for mooring-induced damping estimation using in the truncation design of mooring system. Ocean Engineering, 2017, 136, 322-329.	4.3	18
7	Optimal design and hydrodynamic response analysis of deep water mooring system with submerged buoys. Ships and Offshore Structures, 2018, 13, 476-487.	1.9	14
8	Transient Responses Evaluation of FPSO with Different Failure Scenarios of Mooring Lines. Journal of Marine Science and Engineering, 2021, 9, 103.	2.6	12
9	Analysis on snap load characteristics of mooring line in slack-taut process. Ocean Engineering, 2020, 196, 106807.	4.3	11
10	Flow Characteristics Around Permeable Spur Dike with Different Staggered Pores at Varying Angles. Arabian Journal for Science and Engineering, 2022, 47, 5219-5236.	3.0	11
11	Fatigue Analysis of Deepwater Hybrid Mooring Line Under Corrosion Effect. Polish Maritime Research, 2014, 21, 68-76.	1.9	9
12	Numerical and Experimental Modelling of Wave Loads on Thin Porous Sheets. , 2019, , .		6
13	Motion tracking control of actuator in the active-truncated model test of deep-water mooring system. Applied Ocean Research, 2020, 105, 102397.	4.1	5
14	Role of Grouped Piles on Flow Characteristics Around Impermeable Spur Dike. International Journal of Civil Engineering, 2022, 20, 869-883.	2.0	5
15	Experimental verification of a semi-submersible platform with truncated mooring system based on static and damping equivalence. Ships and Offshore Structures, 2017, 12, 1145-1153.	1.9	4
16	Use of different mooring models on global response analysis of an innovative deep draft platform. Journal of Ocean University of China, 2014, 13, 215-222.	1.2	3
17	An improved method of mooring damping estimation considering mooring line segments contribution. Ocean Engineering, 2021, 239, 109887.	4.3	3
18	Comparative Analysis on Fatigue Damage of Deepwater Hybrid Mooring Line. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
19	Mooring Line Damping Estimation for a Floating Wind Turbine. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	2
20	A Method to Predict Embedded Trajectory Based on the Finite Element Analyses of Bearing Capacity of Drag Anchor. , 2018, , .		2
21	Active truncation model test method of deep-water mooring system: A numerical simulation study on time delay compensation of actuator motion. Applied Ocean Research, 2021, 111, 102645.	4.1	1
22	Snap Load Induced by Slack-Taut Process in a Taut Mooring Line. , 2019, , .		0