

# Xu Sheng

## List of Publications by Year in descending order

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14  
papers

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citations

1163117

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1372567

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docs citations

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times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Slamming Pressure Characteristics of Platform under Freak Wave. Journal of Marine Science and Engineering, 2021, 9, 1266.	2.6	5
2	Experimental investigation on short-term fatigue damage of slack and hybrid mooring for wave energy converters. Ocean Engineering, 2020, 195, 106618.	4.3	19
3	Experimental study on effect of side-mooring lines on dynamics of a catenary moored semi-submersible system. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 127-142.	0.5	1
4	Dynamics of an ultra-deepwater mooring line with embedded chain segment. Marine Structures, 2020, 72, 102747.	3.8	8
5	Conditional Reliability Analysis of a Semi-Submersible Mooring Line With Random Hydrodynamic Coefficients. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	1.2	3
6	Estimation of short-term extreme responses of a semi-submersible moored by two hybrid mooring systems. Ocean Engineering, 2019, 190, 106388.	4.3	20
7	Review of mooring design for floating wave energy converters. Renewable and Sustainable Energy Reviews, 2019, 111, 595-621.	16.4	90
8	Analysis of Catenary Mooring Systems Based on Truncated Mooring Experiments. , 2018, , .		0
9	Reliability Analysis of Short Term Mooring Tension of a Semi-Submersible System. , 2018, , .		0
10	Experimental study on taut and hybrid moorings damping and their relation with system dynamics. Ocean Engineering, 2018, 154, 322-340.	4.3	26
11	Experimental and numerical investigation a semi-submersible moored by hybrid mooring systems. Ocean Engineering, 2018, 163, 641-678.	4.3	42
12	Hydrodynamic analysis and optimization of a wave activated device. , 2016, , .		0
13	Verification of a hybrid model test method for a deep water floating system with large truncation factor. Ocean Engineering, 2014, 92, 245-254.	4.3	18
14	Dynamics of large-truncated mooring systems coupled with a catenary moored semi-submersible. China Ocean Engineering, 2014, 28, 149-162.	1.6	11