

# Xu Sheng

## List of Publications by Year in descending order

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14  
papers

243  
citations

1163117

8  
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1372567

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g-index

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docs citations

14  
times ranked

140  
citing authors

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