

# Renchuan Ye

## List of Publications by Year in descending order

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14  
papers

186  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Offshore crane non-linear stochastic response: novel design and extreme response by a path integration. <i>Ships and Offshore Structures</i> , 2022, 17, 1294-1300.	1.9	5
2	Sound transmission characteristics of a composite sandwich plate using multi-layer first-order zigzag theory. <i>Thin-Walled Structures</i> , 2022, 179, 109607.	5.3	11
3	Bending and free vibration analysis of sandwich plates with functionally graded soft core, using the new refined higher-order analysis model. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 680-710.	3.5	18
4	Bivariate statistics of wind farm support vessel motions while docking. <i>Ships and Offshore Structures</i> , 2021, 16, 135-143.	1.9	18
5	Experimental and numerical investigation on the anti-penetration performance of metallic sandwich plates for marine applications. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 494-522.	3.5	16
6	Efficient fatigue assessment of ship structural details. <i>Ships and Offshore Structures</i> , 2020, 15, 503-510.	1.9	9
7	SEM-REV offshore energy site wind-wave bivariate statistics by hindcast. <i>Renewable Energy</i> , 2020, 156, 689-695.	8.9	17
8	A Semianalytical Three-Dimensional Elasticity Solution for Vibrations of Orthotropic Plates with Arbitrary Boundary Conditions. <i>Shock and Vibration</i> , 2019, 2019, 1-20.	0.6	3
9	Three-Dimensional Vibration Analysis of a Functionally Graded Sandwich Rectangular Plate Resting on an Elastic Foundation Using a Semi-Analytical Method. <i>Materials</i> , 2019, 12, 3401.	2.9	9
10	Improving extreme wind speed prediction for North Sea offshore oil and gas fields. <i>Applied Ocean Research</i> , 2019, 88, 63-70.	4.1	13
11	Nonlinear 6D response statistics of a rotating shaft subjected to colored noise by path integration on GPU. <i>International Journal of Non-Linear Mechanics</i> , 2019, 111, 142-148.	2.6	8
12	New Higher-Order Models for Sandwich Plates with a Flexible Core and their Accuracy Assessment. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1950024.	2.4	5
13	Assessment on energy absorption of double layered and sandwich plates under ballistic impact. <i>Thin-Walled Structures</i> , 2018, 130, 520-534.	5.3	20
14	A new higher order analysis model for sandwich plates with flexible core. <i>Journal of Composite Materials</i> , 2016, 50, 949-961.	2.4	34