

Wei Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2548997/publications.pdf>

Version: 2024-02-01

19
papers

114
citations

1478505

6
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling low-speed drop-weight impact on composite laminates. <i>Materials & Design</i> , 2014, 60, 520-531.	5.1	29
2	Two degree of freedom flow-induced vibration of cylindrical structures in marine environments: frequency ratio effects. <i>Journal of Marine Science and Technology</i> , 2016, 21, 479-492.	2.9	18
3	Rheological study on high-density polyethylene/organoclay composites. <i>Polymer Engineering and Science</i> , 2011, 51, 133-142.	3.1	13
4	Understanding vortex-induced vibration characteristics of a long flexible marine riser by a bidirectional fluid-structure coupling method. <i>Journal of Marine Science and Technology</i> , 2020, 25, 620-639.	2.9	13
5	Novel material and structural design for large-scale marine protective devices. <i>Materials & Design</i> , 2015, 68, 29-41.	5.1	7
6	An Efficient Monte-Carlo Simulation for the Dynamic Reliability Analysis of Jacket Platforms Subjected to Random Wave Loads. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 380.	2.6	7
7	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part V: morphological and rheological studies. <i>Journal of Materials Science</i> , 2010, 45, 2874-2883.	3.7	5
8	Numerical Investigation of Transverse Tensile Behaviors of Marine Composites under Different Strain Rates. <i>Advanced Materials Research</i> , 0, 774-776, 944-948.	0.3	4
9	Automatic recognition of hull transverse sections and rapid finite element modelling for cargo hold longitudinal structures. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2015, 229, 157-173.	0.5	4
10	An immersed boundary method with an approximate projection on nonstaggered grids to solve unsteady fluid flow with a submerged moving rigid object. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2014, 228, 272-283.	0.5	3
11	Dynamic mechanism of phase differences in One-degree-of-freedom vortex-induced vibration of a cylindrical structure. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2019, 233, 80-92.	0.5	3
12	Anti-Collision Assessment and Prediction Considering Material Corrosion on an Offshore Protective Device. <i>Journal of Marine Science and Engineering</i> , 2017, 5, 37.	2.6	2
13	Explicit Time-Domain Approach for Random Vibration Analysis of Jacket Platforms Subjected to Wave Loads. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 1001.	2.6	2
14	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part IV: organoclay of comparable size to fully extended TLCP molecules. <i>Journal of Materials Science</i> , 2010, 45, 3336-3343.	3.7	1
15	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part II: shear-induced phase separation. <i>Journal of Materials Science</i> , 2010, 45, 4422-4430.	3.7	1
16	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part I: Effects of concentration on morphology, liquid crystallinity and thermal properties. <i>E-Polymers</i> , 2012, 12, .	3.0	1
17	Rapid Predicting the Impact Behaviors of Marine Composite Laminates. <i>Materials Science Forum</i> , 0, 813, 19-27.	0.3	1
18	Organoclay/thermotropic liquid crystalline polymer nanocomposites. Part VI: Effects of intercalated organoclay on nanocomposite morphology, thermal and rheological properties. <i>International Journal of Smart and Nano Materials</i> , 2010, 1, 173-186.	4.2	0

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19	Vortex-Induced Vibration of a Marine Riser: Numerical Simulation and Mechanism Understanding. , 2020, , .		0