

A review of Very Large Floating Structures (VLFS) for co

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Citation Report

#	ARTICLE	IF	CITATIONS
1	On retaining a multi-module floating structure in an amplitude death state. Ocean Engineering, 2016, 121, 134-142.	4.3	27
2	Analytical study on hydrodynamic performance of a raft-type wave power device. Journal of Marine Science and Technology, 2017, 22, 620-632.	2.9	11
3	Scattering of periodic surface waves by pile-group supported platform. Ocean Engineering, 2017, 146, 46-58.	4.3	6
4	Heave motion prediction of a large barge in random seas by using artificial neural network. AIP Conference Proceedings, 2017, , .	0.4	0
5	Reducing hydroelastic responses of pontoon-type VLFS using vertical elastic mooring lines. Marine Structures, 2018, 59, 251-270.	3.8	30
6	Optimized stiffness combination of a flexible-base hinged connector for very large floating structures. Marine Structures, 2018, 60, 151-164.	3.8	15
7	Experimental validation of network modeling method on a three-modular floating platform model. Coastal Engineering, 2018, 137, 92-102.	4.0	19
8	Hydroelastic analysis of articulated floating elastic plate based on Timoshenko's Mindlin plate theory. Ships and Offshore Structures, 2018, 13, 287-301.	1.9	6
9	Delta-type VLFS's hydrodynamic aspects. Ships and Offshore Structures, 2018, 13, 352-365.	1.9	4
10	Motion Responses of a Catenary-Taut-Hybrid Moored Single Module of a Semisubmersible Very Large Floating Structure in Multisloped Seabed. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	8
11	Spectral-based fatigue crack propagation prediction for very large floating structures. Marine Structures, 2018, 57, 193-206.	3.8	7
12	Adaptive optimal control of multi-modular floating platforms in random seas. Nonlinear Dynamics, 2018, 91, 863-876.	5.2	7
13	Impact of Connection Properties on Dynamic Response of Modular Floating Structures. , 2018, , .		0
14	A floating model based on multi-center force applied to irregular floating objects*. , 2018, , .		0
15	Letter: Hydroelastic interactions between water waves and floating freshwater ice. Physics of Fluids, 2018, 30, .	4.0	37
16	Scattering of water waves by an inclined elastic plate in deep water. Ocean Engineering, 2018, 167, 221-228.	4.3	18
17	Mitigation of structural responses of a very large floating structure in the presence of vertical porous barrier. Ocean Engineering, 2018, 165, 505-527.	4.3	43
18	Motion responses of a catenary-taut-tendon hybrid moored single module of a semisubmersible-type VLFS over uneven seabed. Journal of Marine Science and Technology, 2019, 24, 780-798.	2.9	7

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19	Influence of Support Conditions on the Hydroelastic Behaviour of Floating Thick Elastic Plate. <i>Journal of Marine Science and Application</i> , 2019, 18, 295-313.	1.7	5
20	A shallow water mooring system design methodology combining NSGA-II with the vessel-mooring coupled model. <i>Ocean Engineering</i> , 2019, 190, 106417.	4.3	12
21	Reduction of hydroelastic response of a flexible floating structure by an annular flexible permeable membrane. <i>Journal of Engineering Mathematics</i> , 2019, 118, 73-99.	1.2	15
22	Vibration Control of Large Floating Offshore Structures by Means of Damping Plates: A Case Study. <i>Lecture Notes in Civil Engineering</i> , 2019, , 347-363.	0.4	0
23	Extracting energy while reducing hydroelastic responses of VLFS using a modular raft wec-type attachment. <i>Applied Ocean Research</i> , 2019, 84, 302-316.	4.1	24
24	Numerical investigation of the dynamic response and power capture performance of a VLFS with a wave energy conversion unit. <i>Engineering Structures</i> , 2019, 195, 62-83.	5.3	22
25	Hydrodynamic analysis of a modular multi-purpose floating structure system with different outermost connector types. <i>Ocean Engineering</i> , 2019, 176, 158-168.	4.3	45
26	An optimization method for stiffness configuration of flexible connectors for multi-modular floating systems. <i>Ocean Engineering</i> , 2019, 181, 134-144.	4.3	16
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36	Multivariable oscillation control of a modularized floating airport with disturbance of uncertain waves. <i>Journal of Sound and Vibration</i> , 2019, 439, 310-328.	3.9	5

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37	A reflection on the trading of pollution rights via land use exchanges and controls: Coase Theorems, Coase's land use parable, and Schumpeterian innovations. <i>Progress in Planning</i> , 2020, 137, 100427.	4.3	8
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39	Wave Interaction With Floating Elastic Plate Based on the Timoshenko-Mindlin Plate Theory. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, .	1.2	7
40	Wave diffraction from multiple truncated cylinders of arbitrary cross sections. <i>Applied Mathematical Modelling</i> , 2020, 77, 1425-1445.	4.2	14
41	Simplification of mooring line number for model testing based on equivalent of vessel/mooring coupled dynamics. <i>Journal of Marine Science and Technology</i> , 2020, 25, 573-588.	2.9	4
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44	Two-mode WEC-type attachment for wave energy extraction and reduction of hydroelastic response of pontoon-type VLFS. <i>Ocean Engineering</i> , 2020, 197, 106875.	4.3	16
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112	Scattering of long flexural gravity wave due to structural heterogeneity in the framework of wave blocking. <i>Wave Motion</i> , 2022, 112, 102949.	2.0	6

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114	Attenuation of wave force on a floating dock by multiple porous breakwaters. <i>Engineering Analysis With Boundary Elements</i> , 2022, 143, 170-189.	3.7	7
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