

HervÃ© Le Sourné

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

291
citations

1040056

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h-index

996975

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g-index

20
all docs

20
docs citations

20
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for the direct assessment of ship collision damage and flooding risk in real conditions. Ocean Engineering, 2021, 237, 109605.	4.3	80
2	Ship collision analysis on offshore wind turbine monopile foundations. Marine Structures, 2017, 51, 220-241.	3.8	46
3	Extension of the super-elements method to the analysis of oblique collision between two ships. Marine Structures, 2012, 29, 22-57.	3.8	27
4	A Ship Collision Analysis Program Based on Upper Bound Solutions and Coupled with a Large Rotational Ship Movement Analysis Tool. Journal of Applied Mathematics, 2012, 2012, 1-27.	0.9	19
5	Extension of the super-elements method to the analysis of a jacket impacted by a ship. Marine Structures, 2014, 38, 44-71.	3.8	18
6	Comparison of numerical approaches for structural response analysis of passenger ships in collisions and groundings. Marine Structures, 2022, 81, 103125.	3.8	17
7	A comparative method for scaling SOLAS collision damage distributions based on ship crashworthiness " application to probabilistic damage stability analysis of a passenger ship. Ships and Offshore Structures, 2022, 17, 1498-1514.	1.9	15
8	Analytical formulations to assess the energy dissipated at the base of an offshore wind turbine jacket impacted by a ship. Marine Structures, 2018, 59, 192-218.	3.8	13
9	A simplified analytical method for estimating the crushing resistance of an inclined ship side. Marine Structures, 2013, 33, 265-296.	3.8	11
10	A parametric study on the dynamic ultimate strength of a stiffened panel subjected to wave- and whipping-induced stresses. Ships and Offshore Structures, 2021, 16, 1025-1039.	1.9	9
11	Review of methods to assess the structural response of offshore wind turbines subjected to ship impacts. Ships and Offshore Structures, 2023, 18, 755-774.	1.9	9
12	Dynamic ultimate strength of a ultra-large container ship subjected to realistic loading scenarios. Marine Structures, 2022, 84, 103197.	3.8	6
13	Investigation of the nonlinear slamming-induced whipping response of ships using a fully-coupled hydroelastoplastic method. Ocean Engineering, 2021, 238, 109751.	4.3	4
14	Numerical crashworthiness analysis of a spar floating offshore wind turbine impacted by a ship. , 2019, , 85-95.		4
15	Rapid assessment of ship raking grounding on elliptic paraboloid shaped rock. Ships and Offshore Structures, 2021, 16, 106-121.	1.9	3
16	A simplified approach to assess the resistance of a ship sliding on elliptic paraboloid rock. Marine Structures, 2022, 83, 103151.	3.8	3
17	A Damage Assessment Tool in Ship Collisions. , 2015, , .		2
18	Numerical validation tests of a damage assessment tool based on super-element method within the scope of A.D.N. regulations. , 2017, , 753-762.		1