

Sangjin Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2067967/publications.pdf>

Version: 2024-02-01

18
papers

231
citations

1040056

9
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Test database of the mechanical properties of mild, high-tensile and stainless steel and aluminium alloy associated with cold temperatures and strain rates. <i>Ships and Offshore Structures</i> , 2017, 12, S230-S256.	1.9	57
2	The influence of fluid structure interaction modelling on the dynamic response of ships subject to collision and grounding. <i>Marine Structures</i> , 2021, 75, 102875.	3.8	28
3	A practical method to determine the dynamic fracture strain for the nonlinear finite element analysis of structural crashworthiness in ship-ship collisions. <i>Ships and Offshore Structures</i> , 2018, 13, 412-422.	1.9	18
4	Comparison of numerical approaches for structural response analysis of passenger ships in collisions and groundings. <i>Marine Structures</i> , 2022, 81, 103125.	3.8	17
5	Ultimate limit state based design versus allowable working stress based design for box girder crane structures. <i>Thin-Walled Structures</i> , 2019, 134, 491-507.	5.3	16
6	A comparative method for scaling SOLAS collision damage distributions based on ship crashworthiness - application to probabilistic damage stability analysis of a passenger ship. <i>Ships and Offshore Structures</i> , 2022, 17, 1498-1514.	1.9	15
7	Effects of a deformable striking ship's bow on the structural crashworthiness in ship-ship collisions. <i>Ships and Offshore Structures</i> , 2018, 13, 228-250.	1.9	12
8	A study on fire design accidental loads for aluminum safety helidecks. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2016, 8, 519-529.	2.3	11
9	A new method for determining the design values of wave-induced hull girder loads acting on ships. <i>Ships and Offshore Structures</i> , 2019, 14, 63-90.	1.9	10
10	Effects of the surface preparation on the life of epoxy coating in steel ship plates: an experimental study. <i>Ships and Offshore Structures</i> , 2019, 14, 199-206.	1.9	9
11	Methodology for collision-frequency analysis of wind-turbine installation vessels. <i>Ships and Offshore Structures</i> , 2021, 16, 423-439.	1.9	9
12	A two-way coupled FSI model for the rapid evaluation of accidental loads following ship hard grounding. <i>Journal of Fluids and Structures</i> , 2022, 112, 103589.	3.4	8
13	Development of Numerical Modelling Techniques for Composite Cylindrical Structures under External Pressure. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 466.	2.6	5
14	A simplified fluid structure interaction model for the assessment of ship hard grounding. <i>Journal of Marine Science and Technology</i> , 2022, 27, 695-711.	2.9	5
15	Welding distortion design formulae of thin-plate panel structure during the assembly process. <i>Ships and Offshore Structures</i> , 2018, 13, 364-377.	1.9	4
16	A novel stepwise method to predict ultimate strength reduction in offshore structures with pitting corrosion. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401560067.	1.6	3
17	Dynamic structural response characteristics of new concept blast walls under hydrocarbon explosions. <i>Latin American Journal of Solids and Structures</i> , 2019, 16, .	1.0	2
18	A Preliminary Risk Assessment on the Development of a Small-Scaled Floating Power Plant. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, .	1.2	2