

# Sangjin Kim

## List of Publications by Year in descending order

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18  
papers

231  
citations

1040056

9  
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996975

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18  
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18  
docs citations

18  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Methodology for collision-frequency analysis of wind-turbine installation vessels. <i>Ships and Offshore Structures</i> , 2021, 16, 423-439.	1.9	9
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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