

Sang Jin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

213
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

129
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	Nonlinear structural consequence analysis of FPSO topside blastwalls. <i>Ocean Engineering</i> , 2013, 60, 149-162.	4.3	27
4	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
5	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
6	Strength assessment of stiffened blast walls in offshore installations under explosions. <i>Ships and Offshore Structures</i> , 2016, 11, 551-560.	1.9	14
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	Methodology for collision-frequency analysis of wind-turbine installation vessels. <i>Ships and Offshore Structures</i> , 2021, 16, 423-439.	1.9	9
10	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
11	Methods for determining the optimal arrangement of water deluge systems on offshore installations. <i>Ocean Engineering</i> , 2016, 114, 236-249.	4.3	6
12	Dynamic Structural Response Characteristics of Stiffened Blast Wall under Explosion Loads. <i>Journal of the Society of Naval Architects of Korea</i> , 2014, 51, 380-387.	0.5	6