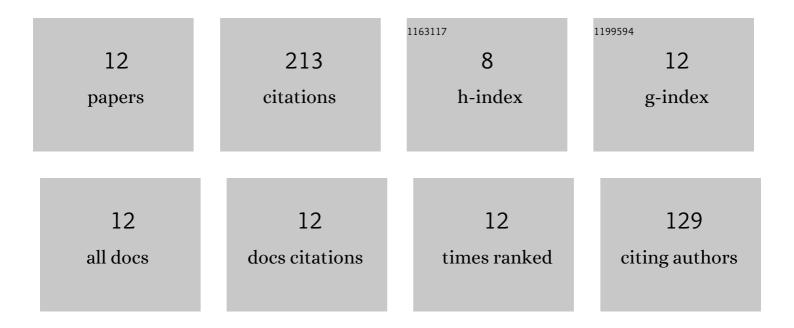
## Sang Jin Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10841183/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Comparison of numerical approaches for structural response analysis of passenger ships in collisions and groundings. Marine Structures, 2022, 81, 103125.	3.8	17
2	A two-way coupled FSI model for the rapid evaluation of accidental loads following ship hard grounding. Journal of Fluids and Structures, 2022, 112, 103589.	3.4	8
3	Methodology for collision-frequency analysis of wind-turbine installation vessels. Ships and Offshore Structures, 2021, 16, 423-439.	1.9	9
4	The influence of fluid structure interaction modelling on the dynamic response of ships subject to collision and grounding. Marine Structures, 2021, 75, 102875.	3.8	28
5	A practical method to determine the dynamic fracture strain for the nonlinear finite element analysis of structural crashworthiness in ship–ship collisions. Ships and Offshore Structures, 2018, 13, 412-422.	1.9	18
6	Effects of a deformable striking ship's bow on the structural crashworthiness in ship–ship collisions. Ships and Offshore Structures, 2018, 13, 228-250.	1.9	12
7	Test database of the mechanical properties of mild, high-tensile and stainless steel and aluminium alloy associated with cold temperatures and strain rates. Ships and Offshore Structures, 2017, 12, S230-S256.	1.9	57
8	Strength assessment of stiffened blast walls in offshore installations under explosions. Ships and Offshore Structures, 2016, 11, 551-560.	1.9	14
9	A study on fire design accidental loads for aluminum safety helidecks. International Journal of Naval Architecture and Ocean Engineering, 2016, 8, 519-529.	2.3	11
10	Methods for determining the optimal arrangement of water deluge systems on offshore installations. Ocean Engineering, 2016, 114, 236-249.	4.3	6
11	Dynamic Structural Response Characteristics of Stiffened Blast Wall under Explosion Loads. Journal of the Society of Naval Architects of Korea, 2014, 51, 380-387.	0.5	6
12	Nonlinear structural consequence analysis of FPSO topside blastwalls. Ocean Engineering, 2013, 60, 149-162.	4.3	27