Sung-Ju Park

List of Publications by Year
in descending order

18	184	1307594 7	1125743 13
papers	citations	h-index	g-index

18	18	18	72
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simulation of ship collision and grounding damage using Hosford-Coulomb fracture model for shell elements. Ocean Engineering, 2019, 173, 415-432.	4.3	41
2	Ductile fracture prediction of EH36 grade steel based on Hosfordâ€“Coulomb model. Ships and Offshore Structures, 2019, 14, 219-230.	1.9	26
3	Modeling, testing and calibration of ductile crack formation in grade DH36 ship plates. Marine Structures, 2019, 66, 27-43.	3.8	25
4	Comparative study on ductile fracture prediction of high-tensile strength marine structural steels. Ships and Offshore Structures, 2020, 15, S208-S219.	1.9	23
5	Use of localized necking and fracture as a failure criterion in ship collision analysis. Marine Structures, 2020, 73, 102787.	3.8	18
6	Ductile fracture prediction of high tensile steel EH36 using new damage functions. Ships and Offshore Structures, 2018, 13, 68-78.	1.9	10
7	Punching Fracture Experiments and Simulations of Unstiffened and Stiffened Panels for Ships and Offshore Structures. Journal of Ocean Engineering and Technology, 2020, 34, 155-166.	1.2	7
8	Comparative Study on Various Ductile Fracture Models for Marine Structural Steel EH36. Journal of Ocean Engineering and Technology, 2019, 33, 259-271.	1.2	6
9	Development of Three Dimensional Fracture Strain Surface in Average Stress Triaxiaility and Average Normalized Lode Parameter Domain for Arctic High Tensile Steel: Part I Theoretical Background and Experimental Studies. Journal of Ocean Engineering and Technology, 2015, 29, 445-453.	1.2	5
10	Development of Three-Dimensional Fracture Strain Surface in Average Stress Triaxiaility and Average Normalized Lode Parameter Domain for Arctic High Tensile Steel: Part II Formulation of Fracture Strain Surface. Journal of Ocean Engineering and Technology, 2015, 29, 454-462.	1.2	5
11	Localized Necking Model for Punching Fracture Simulation in Unstiffened and Stiffened Panels. Applied Sciences (Switzerland), 2021, 11, 3774.	2.5	3
12	Ductile Fracture of a Marine Structural Steel based on HC-DSSE Combined Fracture Strain Formulation. Journal of the Society of Naval Architects of Korea, 2019, 56, 82-93.	0.5	3
13	Punching Fracture Simulations of Circular Unstiffened Steel Plates using Three-dimensional Fracture Surface. Journal of Ocean Engineering and Technology, 2016, 30, 474-483.	1.2	3
14	Material Property-Estimate Technique Based on Natural Frequency for Updating Finite Element Model of Orthotropic Beams. Journal of Ocean Engineering and Technology, 2020, 34, 481-488.	1.2	3
15	Predicting Ductile Fracture in Maritime Crash with a Modified Implementation of BWH Criterion. Lecture Notes in Civil Engineering, 2021, , 701-714.	0.4	2
16	Numerical Investigation of the Ultimate Strength of D-Ring Devices and Deck Structures. Journal of Marine Science and Engineering, 2022, 10, 952.	2.6	2
17	Failure strain prediction of an arctic class marine steel (EH36) in average stress triaxiality regime. Modern Physics Letters B, 2015, 29, 1540008.	1.9	1
18	Ductile Fracture Predictions of High Strength Steel (EH36) using Linear and Non-Linear Damage Evolution Models. Journal of Ocean Engineering and Technology, 2017, 31, 288-298.	1.2	1