

Claude G Daley

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

241
citations

1040056

9
h-index

996975

15
g-index

26
all docs

26
docs citations

26
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of discrete failures in local ice loads. Cold Regions Science and Technology, 1998, 27, 197-211.	3.5	36
2	A numerical model for ice crushing on concave surfaces. Ocean Engineering, 2015, 106, 289-297.	4.3	27
3	Current practices and recent advances in condition assessment of aged ships. Ships and Offshore Structures, 2007, 2, 261-271.	1.9	25
4	Ice edge contact and failure. Cold Regions Science and Technology, 1992, 21, 1-23.	3.5	21
5	Derivation of plastic framing requirements for polar ships. Marine Structures, 2002, 15, 543-559.	3.8	21
6	Hyper-Real-Time Ice Simulation and Modeling Using GPGPU. IEEE Transactions on Computers, 2015, 64, 3475-3487.	3.4	16
7	Overload response of flatbar frames to ice loads. Ships and Offshore Structures, 2017, 12, S68-S81.	1.9	11
8	GPU-Event-Mechanics Evaluation of Ice Impact Load Statistics. , 2014, , .		10
9	Cone ice crushing tests and simulations associated with various yield and fracture criteria. Ships and Offshore Structures, 2017, 12, S88-S99.	1.9	10
10	Application of plastic framing requirements for polar ships. Marine Structures, 2002, 15, 533-542.	3.8	9
11	Evaluation of large structural grillages subjected to ice loads in experimental and numerical analysis. Marine Structures, 2018, 61, 467-502.	3.8	9
12	GPU Modeling of Ship Operations in Pack Ice. , 2012, , .		9
13	The influence of water, snow and granular ice on ice failure processes, ice load magnitude and process pressure. Cold Regions Science and Technology, 2017, 139, 51-64.	3.5	7
14	Guidelines for the nonlinear finite element analysis of hull response to moving loads on ships and offshore structures. Ships and Offshore Structures, 2017, 12, S109-S114.	1.9	7
15	Direct Design of Large Ice Class Ships With Emphasis on the Midbody Ice Belt. , 2008, , .		5
16	Ice Collision Forces Considering Structural Deformation. , 2010, , .		3
17	Evaluation of spatial pressure distribution during ice-structure interaction using pressure indicating film. International Journal of Naval Architecture and Ocean Engineering, 2014, 6, 578-597.	2.3	3
18	Characteristics of Ice Crushing Pressure on Non-Planar Surface. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Effect of Ship Speed on Level Ice Edge Breaking. , 2014, , .		2
20	A study on the evaluation of ice loads and pressure distribution using Pressure Indicating Film in ice-structure interaction. Ocean Engineering, 2018, 165, 77-90.	4.3	2
21	Experimental and Numerical Studies of the Plastic Behavior of Large Structural Grillages Subjected to Ice Loads. , 2016, , .		1
22	Comparison of Ice Load Development on Non-Planar Surface. International Journal of Offshore and Polar Engineering, 2015, 25, 194-204.	0.8	1
23	Numerical Study of Large Pendulum Ice Impact Loads. , 2020, , .		1
24	Full-scale ship-structure ice impact laboratory experiments: experimental apparatus and initial results. Ships and Offshore Structures, 2023, 18, 500-514.	1.9	1
25	Reappraisal of Pressure Distribution Induced by Ice-Structure Interaction Using High-Precision Pressure Measurement Film. , 2012, , .		1
26	The Influence of External Boundary Conditions on Ice Loads in Ice-Structure Interactions. , 2016, , .		0