

Fang Li

List of Publications by Year in descending order

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16
papers

207
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of selected state-of-the-art methods for ship transit simulation in various ice conditions based on full-scale measurement. <i>Cold Regions Science and Technology</i> , 2018, 151, 94-108.	3.5	32
2	Finite element based meta-modeling of ship-ice interaction at shoulder and midship areas for ship performance simulation. <i>Marine Structures</i> , 2020, 71, 102736.	3.8	27
3	Numerical simulation of level ice impact on landing craft bow considering the transverse isotropy of Baltic Sea ice based on XFEM. <i>Marine Structures</i> , 2020, 71, 102735.	3.8	24
4	An extended ice failure model to improve the fidelity of icebreaking pattern in numerical simulation of ship performance in level ice. <i>Ocean Engineering</i> , 2019, 176, 169-183.	4.3	23
5	A machine learning-based method for simulation of ship speed profile in a complex ice field. <i>Ships and Offshore Structures</i> , 2020, 15, 974-980.	1.9	15
6	Numerical simulation of ship performance in level ice: A framework and a model. <i>Applied Ocean Research</i> , 2020, 102, 102288.	4.1	15
7	A Review of Computational Simulation Methods for a Ship Advancing in Broken Ice. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 165.	2.6	15
8	Local pressures for ships in ice: Probabilistic analysis of full-scale line-load data. <i>Marine Structures</i> , 2020, 74, 102822.	3.8	11
9	Ship performance in ice channels narrower than ship beam: Model test and numerical investigation. <i>Ocean Engineering</i> , 2021, 240, 109922.	4.3	10
10	Short-term statistics of ice loads on ship bow frames in floe ice fields: Full-scale measurements in the Antarctic ocean. <i>Marine Structures</i> , 2021, 80, 103049.	3.8	9
11	Effect of Maneuvering on Ice-Induced Loading on Ship Hull: Dedicated Full-Scale Tests in the Baltic Sea. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 759.	2.6	7
12	Equivalent ice thickness in ship ice transit simulations: overview of existing definitions and proposition of an improved one. <i>Ship Technology Research</i> , 2020, 67, 84-100.	2.5	5
13	A probabilistic model of ship performance in ice based on full-scale data. , 2017, , .		4
14	A probabilistic method for long-term estimation of ice loads on ship hull. <i>Structural Safety</i> , 2021, 93, 102130.	5.3	4
15	Influence of seasonal and regional variation of ice properties on ship performance in the Arctic. <i>Ocean Engineering</i> , 2022, 257, 111563.	4.3	3
16	A goal-based approach for selecting a ship's polar class. <i>Marine Structures</i> , 2022, 81, 103123.	3.8	2