Fang Li

List of Publications by Year
in descending order

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