

Ivana Martic

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

451
citations

759233

12
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of biofilm on the ship propulsion characteristics and the speed reduction. <i>Ocean Engineering</i> , 2020, 199, 107033.	4.3	51
2	Assessment of hydrodynamic characteristics of a full-scale ship at different draughts. <i>Ocean Engineering</i> , 2018, 156, 135-152.	4.3	46
3	Towards the prediction of the effect of biofilm on the ship resistance using CFD. <i>Ocean Engineering</i> , 2018, 167, 169-186.	4.3	42
4	The impact of slow steaming on reducing CO2 emissions in the Mediterranean Sea. <i>Energy Reports</i> , 2021, 7, 8131-8141.	5.1	35
5	Greenhouse gas emissions reduction potential by using antifouling coatings in a maritime transport industry. <i>Journal of Cleaner Production</i> , 2021, 295, 126428.	9.3	34
6	Assessment of Offshore Wave Energy Potential in the Croatian Part of the Adriatic Sea and Comparison with Wind Energy Potential. <i>Energies</i> , 2019, 12, 2357.	3.1	29
7	Numerical investigation into the interaction of resistance components for a series 60 catamaran. <i>Ocean Engineering</i> , 2017, 146, 151-169.	4.3	27
8	Impact of Hard Fouling on the Ship Performance of Different Ship Forms. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 748.	2.6	23
9	Assessment of the effect of biofilm on the ship hydrodynamic performance by performance prediction method. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2021, 13, 102-114.	2.3	20
10	An investigation into the effect of hard fouling on the ship resistance using CFD. <i>Applied Ocean Research</i> , 2020, 100, 102205.	4.1	19
11	The impact of biofouling on the propeller performance. <i>Ocean Engineering</i> , 2021, 219, 108376.	4.3	16
12	Numerical and experimental assessment of nominal wake for a bulk carrier. <i>Journal of Marine Science and Technology</i> , 2019, 24, 1092-1104.	2.9	14
13	Evaluation of the Effect of Container Ship Characteristics on Added Resistance in Waves. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 696.	2.6	11
14	Performance prediction method for fouled surfaces. <i>Applied Ocean Research</i> , 2020, 99, 102151.	4.1	11
15	Artificial Neural Network Model for the Evaluation of Added Resistance of Container Ships in Head Waves. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 826.	2.6	9
16	Increase of Ship Fuel Consumption Due to the Added Resistance in Waves. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2017, 5, 1-14.	1.9	9
17	The impact of biofilm on marine current turbine performance. <i>Renewable Energy</i> , 2022, 190, 584-595.	8.9	9
18	NUMERICAL SIMULATION OF THE VISCOUS FLOW AROUND A TANKER MODEL. , 2017, 68, 109-125.		8

#	ARTICLE	IF	CITATIONS
19	NUMERICAL AND EXPERIMENTAL ASSESSMENT OF THE TOTAL RESISTANCE OF A YACHT. Brodogradnja, 2021, 72, 61-80.	1.9	8
20	Impact of biofilm on the resistance characteristics and nominal wake. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 59-75.	0.5	7
21	Environmental Aspects of Total Resistance of Container Ship in the North Atlantic. Journal of Sustainable Development of Energy, Water and Environment Systems, 2019, 7, 641-655.	1.9	6
22	Energetic and Ecological Effects of the Slow Steaming Application and Gasification of Container Ships. Journal of Marine Science and Engineering, 2022, 10, 703.	2.6	6
23	EVALUATION OF THE ADDED RESISTANCE AND SHIP MOTIONS COUPLED WITH SLOSHING USING POTENTIAL FLOW THEORY. Brodogradnja, 2016, 67, 109-122.	1.9	4
24	A novel method for the determination of frictional resistance coefficient for a plate with inhomogeneous roughness. Ocean Engineering, 2021, 237, 109628.	4.3	3
25	THE PRELIMINARY DESIGN OF A SCREW PROPELLER BY MEANS OF COMPUTATIONAL FLUID DYNAMICS. Brodogradnja, 2018, 69, 129-147.	1.9	3
26	Discussions on the Convergence of the Seakeeping Simulations Based on the Panel Methods. , 2018, , .		1