Ivana Martic

List of Publications by Year
in descending order

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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	The impact of biofilm on marine current turbine performance. Renewable Energy, 2022, 190, 584-595.	8.9	9
2	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
3	The impact of biofouling on the propeller performance. Ocean Engineering, 2021, 219, 108376.	4.3	16
4	Assessment of the effect of biofilm on the ship hydrodynamic performance by performance prediction method. International Journal of Naval Architecture and Ocean Engineering, 2021, 13, 102-114.	2.3	20
5	The impact of slow steaming on reducing CO2 emissions in the Mediterranean Sea. Energy Reports, 2021, 7, 8131-8141.	5.1	35
6	Greenhouse gas emissions reduction potential by using antifouling coatings in a maritime transport industry. Journal of Cleaner Production, 2021, 295, 126428.	9.3	34
7	Artificial Neural Network Model for the Evaluation of Added Resistance of Container Ships in Head Waves. Journal of Marine Science and Engineering, 2021, 9, 826.	2.6	9
8	NUMERICAL AND EXPERIMENTAL ASSESSMENT OF THE TOTAL RESISTANCE OF A YACHT. Brodogradnja, 2021, 72, 61-80.	1.9	8
9	A novel method for the determination of frictional resistance coefficient for a plate with inhomogeneous roughness. Ocean Engineering, 2021, 237, 109628.	4.3	3
10	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
11	Impact of Hard Fouling on the Ship Performance of Different Ship Forms. Journal of Marine Science and Engineering, 2020, 8, 748.	2.6	23
12	Evaluation of the Effect of Container Ship Characteristics on Added Resistance in Waves. Journal of Marine Science and Engineering, 2020, 8, 696.	2.6	11
13	An investigation into the effect of hard fouling on the ship resistance using CFD. Applied Ocean Research, 2020, 100, 102205.	4.1	19
14	Impact of biofilm on the ship propulsion characteristics and the speed reduction. Ocean Engineering, 2020, 199, 107033.	4.3	51
15	Performance prediction method for fouled surfaces. Applied Ocean Research, 2020, 99, 102151.	4.1	11
16	Assessment of Offshore Wave Energy Potential in the Croatian Part of the Adriatic Sea and Comparison with Wind Energy Potential. Energies, 2019, 12, 2357.	3.1	29
17	Numerical and experimental assessment of nominal wake for a bulk carrier. Journal of Marine Science and Technology, 2019, 24, 1092-1104.	2.9	14
18	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

#	Article	IF	Citations
19	Assessment of hydrodynamic characteristics of a full-scale ship at different draughts. Ocean Engineering, 2018, 156, 135-152.	4.3	46
20	Towards the prediction of the effect of biofilm on the ship resistance using CFD. Ocean Engineering, 2018, 167, 169-186.	4.3	42
21	THE PRELIMINARY DESIGN OF A SCREW PROPELLER BY MEANS OF COMPUTATIONAL FLUID DYNAMICS. Brodogradnja, 2018, 69, 129-147.	1.9	3
22	Discussions on the Convergence of the Seakeeping Simulations Based on the Panel Methods. , 2018, , .		1
23	Numerical investigation into the interaction of resistance components for a series 60 catamaran. Ocean Engineering, 2017, 146, 151-169.	4.3	27
24	NUMERICAL SIMULATION OF THE VISCOUS FLOW AROUND A TANKER MODEL. , 2017, 68, 109-125.		8
25	Increase of Ship Fuel Consumption Due to the Added Resistance in Waves. Journal of Sustainable Development of Energy, Water and Environment Systems, 2017, 5, 1-14.	1.9	9
26	EVALUATION OF THE ADDED RESISTANCE AND SHIP MOTIONS COUPLED WITH SLOSHING USING POTENTIAL FLOW THEORY. Brodogradnja, 2016, 67, 109-122.	1.9	4