

Nastia Degiuli

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

522
citations

623734

14
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677142

22
g-index

35
all docs

35
docs citations

35
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of biofilm on the ship propulsion characteristics and the speed reduction. Ocean Engineering, 2020, 199, 107033.	4.3	51
2	Assessment of hydrodynamic characteristics of a full-scale ship at different draughts. Ocean Engineering, 2018, 156, 135-152.	4.3	46
3	Towards the prediction of the effect of biofilm on the ship resistance using CFD. Ocean Engineering, 2018, 167, 169-186.	4.3	42
4	The impact of slow steaming on reducing CO2 emissions in the Mediterranean Sea. Energy Reports, 2021, 7, 8131-8141.	5.1	35
5	Greenhouse gas emissions reduction potential by using antifouling coatings in a maritime transport industry. Journal of Cleaner Production, 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. Energies, 2019, 12, 2357.	3.1	29
7	Numerical investigation into the interaction of resistance components for a series 60 catamaran. Ocean Engineering, 2017, 146, 151-169.	4.3	27
8	A class of renormalised meshless Laplacians for boundary value problems. Journal of Computational Physics, 2018, 354, 269-287.	3.8	23
9	Impact of Hard Fouling on the Ship Performance of Different Ship Forms. Journal of Marine Science and Engineering, 2020, 8, 748.	2.6	23
10	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
11	Total resistance prediction of an intact and damaged tanker with flooded tanks in calm water. Ocean Engineering, 2017, 130, 83-91.	4.3	19
12	An investigation into the effect of hard fouling on the ship resistance using CFD. Applied Ocean Research, 2020, 100, 102205.	4.1	19
13	The impact of biofouling on the propeller performance. Ocean Engineering, 2021, 219, 108376.	4.3	16
14	Lagrangian finite-difference method for predicting green water loadings. Ocean Engineering, 2020, 209, 107533.	4.3	15
15	Numerical and experimental assessment of nominal wake for a bulk carrier. Journal of Marine Science and Technology, 2019, 24, 1092-1104.	2.9	14
16	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
17	Performance prediction method for fouled surfaces. Applied Ocean Research, 2020, 99, 102151.	4.1	11
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	The impact of biofilm on marine current turbine performance. Renewable Energy, 2022, 190, 584-595.	8.9	9
21	NUMERICAL SIMULATION OF THE VISCOUS FLOW AROUND A TANKER MODEL. , 2017, 68, 109-125.		8
22	NUMERICAL AND EXPERIMENTAL ASSESSMENT OF THE TOTAL RESISTANCE OF A YACHT. Brodogradnja, 2021, 72, 61-80.	1.9	8
23	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
24	Evaluation of the Corrosion Protection of Two Underwater Coating Systems in a Simulated Marine Environment. Jom, 2019, 71, 4330-4338.	1.9	6
25	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
26	Lagrangian differencing dynamics for incompressible flows. Journal of Computational Physics, 2022, 462, 111198.	3.8	6
27	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
28	EVALUATION OF THE ADDED RESISTANCE AND SHIP MOTIONS COUPLED WITH SLOSHING USING POTENTIAL FLOW THEORY. Brodogradnja, 2016, 67, 109-122.	1.9	4
29	A novel method for the determination of frictional resistance coefficient for a plate with inhomogeneous roughness. Ocean Engineering, 2021, 237, 109628.	4.3	3
30	THE PRELIMINARY DESIGN OF A SCREW PROPELLER BY MEANS OF COMPUTATIONAL FLUID DYNAMICS. Brodogradnja, 2018, 69, 129-147.	1.9	3
31	Assessment of dâ€™Alembertâ€™s paradox in panel methods by tangency correction. Engineering Analysis With Boundary Elements, 2017, 85, 136-141.	3.7	1
32	Discussions on the Convergence of the Seakeeping Simulations Based on the Panel Methods. , 2018, , .		1
33	GHG Abatement Potential Due to the Implementation of Slow Steaming. , 2022, 23, 127-140.		1
34	Numerical Model of Towing Line in Sea Transport. , 2014, , .		0