

Hossein Enshaei

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

613
citations

11
h-index

24
g-index

40
ext. papers

805
ext. citations

3.6
avg. IF

4.71
L-index

#	Paper	IF	Citations
35	A review on recent size optimization methodologies for standalone solar and wind hybrid renewable energy system. <i>Energy Conversion and Management</i> , 2017 , 143, 252-274	10.6	309
34	On-board measurements of particle and gaseous emissions from a large cargo vessel at different operating conditions. <i>Environmental Pollution</i> , 2018 , 237, 832-841	9.3	40
33	Power management optimization of hybrid power systems in electric ferries. <i>Energy Conversion and Management</i> , 2018 , 172, 50-66	10.6	38
32	AC Ship Microgrids: Control and Power Management Optimization. <i>Energies</i> , 2018 , 11, 1458	3.1	37
31	Measurement and evaluation of the effect of vibration on fruits in transit. <i>Packaging Technology and Science</i> , 2018 , 31, 723-738	2.3	27
30	Prediction of a ship roll added mass moment of inertia using numerical simulation. <i>Ocean Engineering</i> , 2019 , 173, 77-89	3.9	16
29	Effect of Load Changes on Hybrid Shipboard Power Systems and Energy Storage as a Potential Solution: A Review. <i>Inventions</i> , 2017 , 2, 21	2.9	14
28	Numerical Assessment of Roll Motion Characteristics and Damping Coefficient of a Ship. <i>Journal of Marine Science and Engineering</i> , 2018 , 6, 101	2.4	14
27	In-situ data vs. bottom-up approaches in estimations of marine fuel consumptions and emissions. <i>Transportation Research, Part D: Transport and Environment</i> , 2018 , 62, 619-632	6.4	13
26	Oblique-Asymmetric 2D+T Model to Compute Hydrodynamic Forces and Moments in Coupled Sway, Roll, and Yaw Motions of Planing Hulls. <i>Journal of Ship Research</i> , 2019 , 63, 1-15	0.9	12
25	Sizing and modeling of a standalone hybrid renewable energy system 2016 ,		11
24	Hybrid algorithm for optimal operation of hybrid energy systems in electric ferries. <i>Energy</i> , 2019 , 187, 115923	7.9	10
23	Effects of fuel-specific energy and operational demands on cost/emission estimates: A case study on heavy fuel-oil vs liquefied natural gas. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 69, 77-89	6.4	9
22	Ship Roll Damping Coefficient Prediction Using CFD. <i>Journal of Ship Research</i> , 2019 , 63, 108-122	0.9	8
21	Comparison of the Economic Performances of Three Sulphur Oxides Emissions Abatement Solutions for a Very Large Crude Carrier (VLCC). <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 221	2.4	7
20	Investigation of a ship resonance through numerical simulation. <i>Journal of Hydrodynamics</i> , 2020 , 32, 969-983	3.9	6
19	Frequency Transient Suppression in Hybrid Electric Ship Power Systems: A Model Predictive Control Strategy for Converter Control with Energy Storage. <i>Inventions</i> , 2018 , 3, 13	2.9	5

18	Comparison of large-scale ship exhaust emissions across multiple resolutions: From annual to hourly data. <i>Atmospheric Environment</i> , 2019 , 214, 116829	5.3	5
17	Safety philosophy and risk analysis methodology for LNG bunkering simultaneous operations (SIMOPs): A literature review. <i>Safety Science</i> , 2021 , 136, 105150	5.8	5
16	Parametric study of seakeeping of a trimaran in regular oblique waves. <i>Ships and Offshore Structures</i> , 2020 , 15, S98-S109	1.4	4
15	Developing an accelerated vibration simulation test for packaged bananas. <i>Postharvest Biology and Technology</i> , 2021 , 173, 111400	6.2	4
14	Calculation of ship roll hydrodynamic coefficients in regular beam waves. <i>Ocean Engineering</i> , 2020 , 203, 107225	3.9	3
13	Development of a methodology for estimation of ballast water operation in UK ports. <i>Maritime Policy and Management</i> , 2011 , 38, 691-703	2.5	3
12	Human-centred design knowledge into maritime engineering education; theoretical framework. <i>Australasian Journal of Engineering Education</i> , 2016 , 21, 49-60	1	2
11	Floating power platforms for mobile cold-ironing 2016 ,		2
10	Techno-Economic Feasibility Study of Battery- Powered Ferries 2018 ,		2
9	Human Error Probability Assessment for LNG Bunkering Based on Fuzzy Bayesian Network-CREAM Model. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 333	2.4	2
8	Ship roll restoring moment calculation in beam sea condition. <i>Journal of Marine Science and Technology</i> , 2020 , 25, 1266-1282	1.7	1
7	The application of signal processing techniques for real-time monitoring of the dynamic stability of a ship via its motion responses. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2013 , 227, 114-124	0.4	1
6	Dynamic quantitative risk assessment of LNG bunkering SIMOPs based on Bayesian network. <i>Journal of Ocean Engineering and Science</i> , 2022 ,	4.4	1
5	Formation of Dataset for Fuzzy Quantitative Risk Assessment of LNG Bunkering SIMOPs. <i>Data</i> , 2022 , 7, 60	2.3	1
4	Liquefied Natural Gas as a Marine Fuel in Australia: Developing a Conceptual Framework for Strategic Decision-Making. <i>Ocean Yearbook</i> , 2018 , 32, 497-527	0.4	0
3	Dynamic stability of vessels with a suspended load. <i>Ocean Engineering</i> , 2022 , 253, 111301	3.9	0
2	A capacitor-clamped inverter based torsional oscillation damping method for electromechanical drivetrains. <i>MATEC Web of Conferences</i> , 2016 , 45, 03001	0.3	
1	Part. B: A review of the real-time sea-state estimation, using wave buoy analogy; a decouple benchmark and future outlook. <i>Ocean Engineering</i> , 2022 , 111020	3.9	

