Enrico Rizzuto

List of Publications by Year
in descending order

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45	406	759055	794469
papers	citations	12	19
		h-index	g-index

50	50	50	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Airborne noise emissions from ships: Experimental characterization of the source and propagation over land. Applied Acoustics, 2016, 104, 158-171.	1.7	38
2	Mitigation of Underwater Radiated Noise Related to Shipping and Its Impact on Marine Life: A Practical Approach Developed in the Scope of AQUO Project. IEEE Journal of Oceanic Engineering, 2017, 42, 373-387.	2.1	32
3	Noise Emitted from Ships: Impact Inside and Outside the Vessels. Procedia, Social and Behavioral Sciences, 2012, 48, 868-879.	0.5	27
4	Bottom damage scenarios for the hull girder structural assessment. Marine Structures, 2013, 33, 33-55.	1.6	26
5	Propeller underwater radiated noise: A comparison between model scale measurements in two different facilities and full scale measurements. Applied Ocean Research, 2016, 56, 48-66.	1.8	26
6	Normative framework for ship noise: Present and situation and future trends. Noise Control Engineering Journal, 2012, 60, 740-762.	0.2	23
7	Robustness: Theoretical Framework. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2012, 22, 66-72.	0.5	20
8	Analysis of noise on board a ship during navigation and manoeuvres. Ocean Engineering, 2015, 105, 256-269.	1.9	19
9	Holistic control of ship noise emissions. Noise Mapping, 2016, 3, .	0.7	19
10	Onboard ship noise: Acoustic comfort in cabins. Applied Acoustics, 2021, 177, 107912.	1.7	14
11	Parametric Analysis of Ship Noise Spectra. IEEE Journal of Oceanic Engineering, 2017, 42, 424-438.	2.1	13
12	Bayesian networks for probabilistic modelling of still water bending moment for side-damaged tankers. Ships and Offshore Structures, 2012, 7, 269-283.	0.9	12
13	A novel approach to port noise characterization using an acoustic camera. Science of the Total Environment, 2022, 808, 151903.	3.9	12
14	Wave induced global loads for a damaged vessel. Ships and Offshore Structures, 2008, 3, 269-287.	0.9	11
15	Ship synthesis model for the preliminary design of a fleet of compressed natural gas carriers. Ocean Engineering, 2014, 89, 189-199.	1.9	11
16	Simulation based design of a fleet of ships under power and capacity variations. Applied Ocean Research, 2016, 61, 1-15.	1.8	11
17	Validation of an Emission Model for a Marine Diesel Engine with Data from Sea Operations. Journal of Marine Science and Application, 2021, 20, 534-545.	0.7	11
18	Elastic instability of thin cylindrical shells: Numerical and experimental investigation. Ocean Engineering, 1997, 24, 133-160.	1.9	10

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19	Time domain predictions of inertial loads on a drifting ship in irregular beam waves. Ocean Engineering, 2019, 174, 135-147.	1.9	10
20	Second-level reliability analysis of a double-hull oil tanker. Marine Structures, 1998, 11, 373-399.	1.6	9
21	A new identification method for non-linear roll resonance in irregular waves. Ocean Engineering, 2020, 197, 106809.	1.9	9
22	Mitigation measures for controlling the ship underwater radiated noise, in the scope of AQUO project. , 2015, , .		5
23	Spectral analysis of the underwater acoustic noise radiated by ships with controllable pitch propellers. , 2015, , .		5
24	Material selection for the gas containment system of a compressed natural gas carrier fleet. Applied Ocean Research, 2016, 55, 37-47.	1.8	4
25	Modelling Strength Degradation Phenomena and Inspections Used for Reliability Assessment Based on Maintenance Planning. , 2006, , 69.		3
26	Underwater noise emissions. , 2011, , 581-591.		3
27	Criteria for noise annoyance evaluation on board ships. , 2011, , 971-980.		3
28	Analysis of airborne noise emitted from ships. , 2011, , 1001-1010.		3
29	Validation of a simulation tool for ship traffic noise. , 2015, , .		2
30	Logistics-based fleet design for complex transportation scenarios. Ships and Offshore Structures, 2018, 13, 734-749.	0.9	2
31	Acoustic impact of ships. , 2011, , 961-969.		2
32	Normative framework for noise emissions from ships. , 2011, , 593-602.		2
33	Equivalent Waves for Sea Loads on Ship Structures. , 2003, , 423.		1
34	Noise Footprint: A Proposal Within the Framework of FP7 AQUO Project to Define a Goal Based Approach Towards the Reduction of Underwater Radiated Noise From Shipping. , 2014, , .		1
35	Stochastic model of the still water bending moment of oil tankers. , 2009, , 483-494.		1
36	Simulation of Mechanical and Thermodynamic Performances of a Ship Propulsion Plant in Transient Conditions. , 1997, , .		0

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37	An application of Bayesian networks for the optimization of a bridge layout. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2010, 224, 73-85.	0.3	0
38	Model scale investigation of the effect of different speed reduction strategies on cavitating propeller radiated noise. , 2015, , .		0
39	Ship propeller side effects: pressure pulses and radiated noise. Noise Mapping, 2016, 3, .	0.7	0
40	A numerical code for underwater noise propagation. MATEC Web of Conferences, 2018, 210, 05017.	0.1	0
41	Remote and optical monitoring techniques applied to the maritime sector. Journal of Physics: Conference Series, 2020, 1589, 012016.	0.3	0
42	Including Roll in the Evaluation of Bending Loads for the Hull Girder in a Seaway. , 2004, , .		0
43	Comparison of the JTP and JBP drafts with other class rules. , 2006, , 507-519.		0
44	Fatigue analysis of off-shore wellheads during drilling operations carried out from semi-submersible units. , 2013, , 353-363.		0
45	Numerical investigation of the impact of speed reduction on propeller excitation. , 2015, , 11-22.		0