

Jean David Caprace

List of Publications by Year in descending order

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39
papers

292
citations

933447

10
h-index

940533

16
g-index

39
all docs

39
docs citations

39
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Maintenance/repair and production-oriented life cycle cost/earning model for ship structural optimisation during conceptual design stage. <i>Ships and Offshore Structures</i> , 2009, 4, 107-125.	1.9	42
2	A review of the multicriteria decision analysis applied to oil and gas decommissioning problems. <i>Ocean and Coastal Management</i> , 2020, 184, 105000.	4.4	36
3	A discrete-event simulation approach to evaluate the effect of stochastic parameters on offshore wind farms assembly strategies. <i>Ocean Engineering</i> , 2018, 149, 279-290.	4.3	25
4	Scantling multi-objective optimisation of a LNG carrier. <i>Marine Structures</i> , 2010, 23, 288-302.	3.8	20
5	A benchmark study of uncertainty in welding simulation. <i>Marine Structures</i> , 2017, 56, 69-84.	3.8	17
6	Optimization of shipyard space allocation and scheduling using a heuristic algorithm. <i>Journal of Marine Science and Technology</i> , 2013, 18, 404-417.	2.9	16
7	Effects of slow steaming strategies on a ship fleet. <i>Marine Systems and Ocean Technology</i> , 2017, 12, 178-186.	1.0	14
8	Optimising the engine-propeller matching for a liquefied natural gas carrier under rough weather. <i>Applied Energy</i> , 2018, 232, 187-196.	10.1	14
9	A review of the use of LNG versus HFO in maritime industry. <i>Marine Systems and Ocean Technology</i> , 2019, 14, 75-84.	1.0	14
10	An Approach for Predicting the Specific Fuel Consumption of Dual-Fuel Two-Stroke Marine Engines. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 20.	2.6	11
11	Towards a short time "feature-based costing" for ship design. <i>Journal of Marine Science and Technology</i> , 2012, 17, 216-230.	2.9	9
12	An early-stage approach to optimise a marine energy system for liquefied natural gas carriers: Part A - Developed approach. <i>Ocean Engineering</i> , 2019, 181, 161-172.	4.3	9
13	A real-time assessment of the ship design complexity. <i>CAD Computer Aided Design</i> , 2012, 44, 203-208.	2.7	8
14	Least cost optimization of large passenger vessels. <i>Ships and Offshore Structures</i> , 2007, 2, 339-345.	1.9	7
15	Ship complexity assessment at the concept design stage. <i>Journal of Marine Science and Technology</i> , 2011, 16, 68-75.	2.9	7
16	Multi-criteria Scantling Optimisation of Cruise Ships. <i>Ship Technology Research</i> , 2010, 57, 210-220.	2.5	6
17	An early-stage approach to optimise a marine energy system for liquefied natural gas carriers: Part B "Application". <i>Ocean Engineering</i> , 2019, 174, 96-107.	4.3	6
18	Marine propeller parametric optimisation and matching to electric motor. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	6

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19	A Data Mining Analysis Applied to a Straightening Process Database. Ship Technology Research, 2007, 54, 177-183.	2.5	5
20	Optimization of Surface Utilization Using Heuristic Approaches. Ship Technology Research, 2005, 52, 141-147.	2.5	4
21	A model to optimise the selection of marine dual-fuel low-speed diesel engines. Marine Systems and Ocean Technology, 2017, 12, 138-149.	1.0	4
22	Comparative analysis of machine learning prediction models of container ships propulsion power. Ocean Engineering, 2022, 255, 111439.	4.3	3
23	Data Envelopment Analysis of Navigation Records Improve Ship Fleet Management. , 2015, , .		2
24	Prediction of Calcium Carbonate Scaling in Pipes Using Artificial Neural Networks. , 2017, , .		2
25	Investigation of the added mass method for seismic design of lock gates. Engineering Structures, 2017, 131, 380-393.	5.3	2
26	Optimisation of Ship and Offshore Structures and Effective Waterway Infrastructures to Support the Global Economic Growth of a Country/Region. Ciencia Y Tecnología De Buques, 2017, 11, 9.	0.1	1
27	Estimating possible near miss collisions based on AIS big data for Port of Rio de Janeiro. , 0, , .		1
28	A machine learning approach to improve sailboat resistance prediction. Ocean Engineering, 2022, 257, 111642.	4.3	1
29	Estimation of Welding Distortions and Straightening Workload Through a Data Mining Analysis. , 2008, , 371-378.		0
30	Exploring various sizes of liquefied gas carriers by an optimisation approach to early-stage project. Applied Ocean Research, 2020, 97, 102079.	4.1	0
31	Ultimate Strength of Stiffened Panels Assesment Taking Into Account Model Uncertainty. , 2006, , .		0
32	AN APPROACH TO OPTIMISE THE SELECTION OF LNG CARRIERSâ€™ PROPULSION SYSTEM. Revista De Engenharia Informática, 2017, 16, 37.	0.2	0
33	A Discrete-Event Simulation Approach for Platform Supply Vessels Operations under Stochastic Effects. , 0, , .		0
34	A Vessel Weather Routing Scheduler. , 0, , .		0
35	Analysis of the Behavior of Moored Ships When Submitted to the Wind Force. , 0, , .		0
36	SimulaÃ§Ã£o do sistema logÃstico de inspeÃ§Ã£o de risers e estruturas submarinas. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	Qualitative Comparative Analysis between Specialized Multitasking Vessels and Ships with External Equipment in the Event of an Oil Spill. , 0, , .		0
38	A deep learning approach for automatic identification of subsea events using AUV data. Technical Papers ... Rio Oil & Gas, 2020, 20, 370-371.	0.0	0
39	Environmental Impact of Ship Emissions Based on AIS Big Data for the Port of Rio de Janeiro. , 2020, , 402-412.		0