Dimitrios Konovessis

List of Publications by Year
in descending order

29 papers	509 citations	840776 11 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	427 citing authors

#	Article	IF	Citations
1	On the estimation of ship's fuel consumption and speed curve: A statistical approach. Journal of Ocean Engineering and Science, 2016, 1, 157-166.	4.3	191
2	Ship stability, dynamics and safety: Status and perspectives from a review of recent STAB conferences and ISSW events. Ocean Engineering, 2016, 116, 312-349.	4.3	36
3	Risk analysis for RoPax vessels: A case of study for the Strait of Gibraltar. Ocean Engineering, 2018, 151, 141-151.	4.3	35
4	CFD analysis of natural gas dispersion in engine room space based on multi-factor coupling. Ocean Engineering, 2016, 111, 524-532.	4.3	30
5	An overview of the current research on stability of ships and ocean vehicles: The STAB2018 perspective. Ocean Engineering, 2019, 186, 106090.	4.3	29
6	Safety level of damaged RoPax ships: Risk modelling and cost-effectiveness analysis. Ocean Engineering, 2009, 36, 941-951.	4.3	23
7	Psychophysiological evaluation of seafarers to improve training in maritime virtual simulator. Advanced Engineering Informatics, 2020, 44, 101048.	8.0	20
8	EEG-Based Mental Workload and Stress Monitoring of Crew Members in Maritime Virtual Simulator. Lecture Notes in Computer Science, 2018, , 15-28.	1.3	15
9	Big Data Analytics and Machine Learning of Harbour Craft Vessels to Achieve Fuel Efficiency: A Review. Journal of Marine Science and Engineering, 2021, 9, 1351.	2.6	15
10	Influence of ship design and operational factors on human performance and evaluation of effects and sensitivity using risk models. Ocean Engineering, 2019, 184, 143-158.	4.3	14
11	EEG-based Mental Workload and Stress Recognition of Crew Members in Maritime Virtual Simulator: A Case Study. , 2017, , .		13
12	Stability of floating offshore structures. Ships and Offshore Structures, 2014, 9, 125-133.	1.9	12
13	Sensitivity analysis of the probabilistic damage stability regulations for RoPax vessels. Journal of Marine Science and Technology, 2008, 13, 164-177.	2.9	8
14	Development of Bayesian network models for risk-based ship design. Journal of Marine Science and Application, 2013, 12, 140-151.	1.7	8
15	Using Dynamic Bayesian Belief Network for analysing well decommissioning failures and long-term monitoring of decommissioned wells. Reliability Engineering and System Safety, 2020, 197, 106855.	8.9	8
16	An investigation on cost-effective tanker design configurations for reduced oil outflow. Ocean Engineering, 2012, 49, 16-24.	4.3	7
17	Optimum Speed Analysis for Large Containerships. Journal of Ship Production and Design, 2013, 29, 93-104.	0.4	7
18	Improvement of ship stability and safety in damaged condition through operational measures: Challenges and opportunities. Ocean Engineering, 2016, 122, 311-316.	4.3	6

#	Article	IF	Citations
19	Preliminary design of a tanker ship in the context of collision-induced environmental-risk-based ship design. Ocean Engineering, 2019, 181, 185-197.	4.3	6
20	Risk analysis for RoPax vessels. WMU Journal of Maritime Affairs, 2008, 7, 109-131.	2.7	5
21	Human Factor Study for Maritime Simulator-Based Assessment of Cadets. , 2016, , .		5
22	Development of Bayesian Models for Marine Accident Investigation and Their Use in Risk-based Ship Design. Journal of Ship Production and Design, 2014, 30, 39-47.	0.4	4
23	EEG-based Cadets Training and Performance Assessment System in Maritime Virtual Simulator. , 2018, , .		4
24	Filtering harbor craft vesselsâ€™ fuel data using statistical, decomposition, and predictive methodologies. Maritime Transport Research, 2022, 3, 100063.	3.2	3
25	Stability and safety analysis of the air-lifted catamaran. Ships and Offshore Structures, 2008, 3, 91-98.	1.9	2
26	Neuroscience Based Design: Fundamentals and Applications. , 2016, , .		2
27	Cargo Liquefaction and Influence on Ship Stability. , 2019, , .		1
28	Defining Rational Damage Stability Requirements. Fluid Mechanics and Its Applications, 2019, , 803-812.	0.2	0
29	Analysing Dependent Failures in a Bayesian Belief Network. , 2019, , .		0