Osman Turan

List of Publications by Year
in descending order

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34	1,521	331670 21	395702 33
papers	citations	h-index	g-index

34	34	34	964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An extended human reliability analysing under fuzzy logic environment for ship navigation. Australian Journal of Maritime and Ocean Affairs, 2023, 15, 189-209.	2.0	8
2	Investigation of different cutting technologies in a ship recycling yard with simulation approach. Ships and Offshore Structures, 2022, 17, 564-576.	1.9	9
3	Prediction of humanâ€“machine interface (HMI) operational errors for maritime autonomous surface ships (MASS). Journal of Marine Science and Technology, 2022, 27, 293-306.	2.9	21
4	Application of data-mining techniques to predict and rank maritime non-conformities in tanker shipping companies using accident inspection reports. Ships and Offshore Structures, 2022, 17, 687-694.	1.9	5
5	Experimental study on the effect of biomimetic tubercles on the drag of a flat plate. Ocean Engineering, 2022, 255, 111445.	4.3	1
6	Effect of biofouling roughness on a marine propeller's performance including cavitation and underwater radiated noise (URN). Applied Ocean Research, 2021, 107, 102491.	4.1	24
7	A CFD study: Influence of biofouling on a full-scale submarine. Applied Ocean Research, 2021, 109, 102561.	4.1	11
8	Does the barnacle settlement pattern affect ship resistance and powering?. Applied Ocean Research, 2020, 95, 102020.	4.1	27
9	Validation of the CFD approach for modelling roughness effect on ship resistance. Ocean Engineering, 2020, 200, 107029.	4.3	46
10	The Need to Amend IMOâ€™s EEDI to Include a Threshold for Performance in Waves (Realistic Sea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	23
11	An application of BBNs on the integrated energy efficiency of shipâ€“port interface: a dry bulk shipping case. Maritime Policy and Management, 2019, 46, 845-865.	3.8	12
12	Time-dependent biofouling growth model for predicting the effects of biofouling on ship resistance and powering. Ocean Engineering, 2019, 191, 106432.	4.3	28
13	Practical added resistance diagrams to predict fouling impact on ship performance. Ocean Engineering, 2019, 186, 106112.	4.3	28
14	A Bayesian Belief Network Model for Integrated Energy Efficiency of Shipping. WMU Studies in Maritime Affairs, 2018, , 257-273.	1.0	4
15	Investigation of occupational noise exposure in a ship recycling yard. Ocean Engineering, 2017, 137, 440-449.	4.3	20
16	Numerical studies on added resistance and motions of KVLCC2 in head seas for various ship speeds. Ocean Engineering, 2017, 140, 466-476.	4.3	44
17	Design optimisation of Propeller Boss Cap Fins for enhanced propeller performance. Applied Ocean Research, 2017, 62, 210-222.	4.1	83
18	Predicting the effect of biofouling on ship resistance using CFD. Applied Ocean Research, 2017, 62, 100-118.	4.1	137

#	Article	IF	Citations
19	Effect of barnacle fouling on ship resistance and powering. Biofouling, 2017, 33, 819-834.	2.2	94
20	Estimation of added resistance and ship speed loss in a seaway. Ocean Engineering, 2017, 141, 465-476.	4.3	89
21	Can We Learn from Aviation: Safety Enhancements in Transport by Achieving Human Orientated Resilient Shipping Environment. Transportation Research Procedia, 2016, 14, 1669-1678.	1.5	40
22	Experimental Determination of Added Hydrodynamic Resistance Caused by Marine Biofouling on Ships. Transportation Research Procedia, 2016, 14, 1649-1658.	1.5	20
23	Manoeuvring prediction based on CFD generated derivatives. Journal of Hydrodynamics, 2016, 28, 284-292.	3.2	17
24	A numerical investigation of the squat and resistance of ships advancing through a canal using CFD. Journal of Marine Science and Technology, 2016, 21, 86-101.	2.9	48
25	A semi-empirical ship operational performance prediction model for voyage optimization towards energy efficient shipping. Ocean Engineering, 2015, 110, 18-28.	4.3	110
26	Investigation of optimum jack-up vessel chartering strategy for offshore wind farm O&M activities. Ocean Engineering, 2015, 95, 106-115.	4.3	32
27	Full-scale unsteady RANS CFD simulations of ship behaviour and performance in head seas due to slow steaming. Ocean Engineering, 2015, 97, 186-206.	4.3	267
28	Operability assessment of high speed passenger ships based on human comfort criteria. Ocean Engineering, 2014, 89, 32-52.	4.3	31
29	A CFD model for the frictional resistance prediction of antifouling coatings. Ocean Engineering, 2014, 89, 21-31.	4.3	81
30	Optimizing Ship Routing to Maximize Fleet Revenue at Danaos. Interfaces, 2013, 43, 37-47.	1.5	22
31	Theory of a subjective verticalâ€“horizontal conflict physiological motion sickness model for contemporary ships. Journal of Marine Science and Technology, 2011, 16, 214-225.	2.9	17
32	Increasing ship operational reliability through the implementation of a holistic maintenance management strategy. Ships and Offshore Structures, 2010, 5, 337-357.	1.9	53
33	Analytical investigation of marine casualties at the Strait of Istanbul with SWOTâ€“AHP method. Maritime Policy and Management, 2009, 36, 131-145.	3.8	69
34	Determining the effects of implementing IMOâ€™s Hong Kong Conventionâ€™s requirements on the productivity of a ship recycling yard by using discrete event simulation. Ships and Offshore Structures, 0, , 1-12.	1.9	0