

Ailong Fan

List of Publications by Year in descending order

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8
papers

250
citations

1683934
5
h-index

1588896
8
g-index

8
all docs

8
docs citations

8
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Holistic Energy Efficiency and Environmental Friendliness Model for Short-Sea Vessels with Alternative Power Systems Considering Realistic Fuel Pathways and Workloads. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 613.	1.2	16
2	Decarbonising inland ship power system: Alternative solution and assessment method. <i>Energy</i> , 2021, 226, 120266.	4.5	65
3	An energy efficiency practice for coastal bulk carrier: Speed decision and benefit analysis. <i>Regional Studies in Marine Science</i> , 2021, 47, 101988.	0.4	5
4	Two-phase energy efficiency optimisation for ships using parallel hybrid electric propulsion system. <i>Ocean Engineering</i> , 2021, 238, 109733.	1.9	31
5	Multi-stage decision-making method for ship speed optimisation considering inland navigational environment. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2021, 235, 372-382.	0.3	3
6	A novel ship energy efficiency model considering random environmental parameters. <i>Journal of Marine Engineering and Technology</i> , 2020, 19, 215-228.	1.9	22
7	Life-cycle cost assessment of alternative marine fuels to reduce the carbon footprint in short-sea shipping: A case study of Croatia. <i>Applied Energy</i> , 2020, 279, 115848.	5.1	106
8	Clustering of the inland waterway navigational environment and its effects on ship energy consumption. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2017, 231, 57-69.	0.3	2