

# Cengiz Deniz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2251816/publications.pdf>

Version: 2024-02-01

28  
papers

930  
citations

623734

14  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental and economical assessment of alternative marine fuels. Journal of Cleaner Production, 2016, 113, 438-449.	9.3	179
2	Assessment of fuel cell types for ships: Based on multi-criteria decision analysis. Journal of Cleaner Production, 2020, 265, 121734.	9.3	106
3	Estimating shipping emissions in the region of the Sea of Marmara, Turkey. Science of the Total Environment, 2008, 390, 255-261.	8.0	83
4	Hybrid power and propulsion systems for ships: Current status and future challenges. Renewable and Sustainable Energy Reviews, 2022, 156, 111965.	16.4	75
5	Estimation of shipping emissions in Candarli Gulf, Turkey. Environmental Monitoring and Assessment, 2010, 171, 219-228.	2.7	59
6	Investigation on the decarbonization of shipping: An approach to hydrogen and ammonia. International Journal of Hydrogen Energy, 2022, 47, 19888-19900.	7.1	55
7	Investigation of environmental, operational and economic performance of methanol partially premixed combustion at low speed operation of a marine engine. Journal of Cleaner Production, 2019, 235, 1006-1019.	9.3	52
8	Load optimization of central cooling system pumps of a container ship for the slow steaming conditions to enhance the energy efficiency. Journal of Cleaner Production, 2019, 222, 206-217.	9.3	48
9	An Investigation on the Effects of Ship Sourced Emissions in Izmir Port, Turkey. Scientific World Journal, The, 2013, 2013, 1-8.	2.1	45
10	Effect analysis on energy efficiency enhancement of controlled cylinder liner temperatures in marine diesel engines with model based approach. Energy Conversion and Management, 2020, 220, 113015.	9.2	36
11	Estimation and assessment of shipping emissions in the region of Ambarlı Port, Turkey. Environmental Progress and Sustainable Energy, 2010, 29, 107-115.	2.3	35
12	Inventory of shipping emissions in Izmit Gulf, Turkey. Environmental Progress and Sustainable Energy, 2010, 29, 221-232.	2.3	32
13	Emission Analysis of LNG Fuelled Molten Carbonate Fuel Cell System for a Chemical Tanker Ship: A Case Study. Marine Science and Technology Bulletin, 2021, 10, 118-133.	1.0	23
14	Investigation of Effects of Intake Temperature on Low Load Limitations of Methanol Partially Premixed Combustion. Energy & Fuels, 2019, 33, 5695-5709.	5.1	21
15	Analyzing the dual-loop organic rankine cycle for waste heat recovery of container vessel. Applied Thermal Engineering, 2021, 199, 117512.	6.0	17
16	Methanol as a Fuel for Marine Diesel Engines. Energy, Environment, and Sustainability, 2021, , 45-85.	1.0	15
17	Effects of M15 blend on performance and exhaust emissions of spark ignition engine with thermal barrier layer coated piston. Journal of the Energy Institute, 2008, 81, 97-101.	5.3	9
18	Thermodynamic and Environmental Analysis of Low-Grade Waste Heat Recovery System for a Ship Power Plant. International Journal of Energy Science, 2015, 1, 23-34.	0.6	8

#	ARTICLE	IF	CITATIONS
19	A Novel Energy Saving and Power Production System Performance Analysis in Marine Power Plant Using Waste Heat. , 2009, , .		7
20	Optimization of an Irreversible Diesel Cycle: Experimental Results of a Ceramic Coated Indirect-Injection Supercharged Diesel Engine. Energy & Fuels, 2008, 22, 1930-1935.	5.1	6
21	Evaluating the emission reduction efficiency of automatic mooring system and cold ironing: the case of a port in Izmit Bay. Australian Journal of Maritime and Ocean Affairs, 2023, 15, 227-245.	2.0	5
22	Hybrid propulsion and alternative fuels education in the course of decarbonised shipping. Australian Journal of Maritime and Ocean Affairs, 2022, 14, 97-113.	2.0	4
23	Assessment of alternative fuels from the aspect of shipboard safety. Journal of ETA Maritime Science, 2018, 6, 199-214.	0.9	4
24	Investigation of the adverse effects of slow steaming operations for ships. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 0, , 147509022210741.	0.5	3
25	First and second law analysis of a gasoline engine for various compression ratios. International Journal of Vehicle Design, 2009, 49, 111.	0.3	2
26	Energy Efficiency Based Operation of Compressed Air System on Ships to Reduce Fuel 163 Consumption and CO2 Emission. , 2019, 161, .		1
27	Ship Waste Reception Facility Modeling: Istanbul Ports. International Oil Spill Conference Proceedings, 2011, 2011, abs99.	0.1	0
28	An overview on the readiness level of the Turkish maritime industry for decarbonization in shipping. Marine Science and Technology Bulletin, 0, , .	1.0	0