

MÂ^a Isabel Lamas Galdo

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Possibilities of Ammonia as Both Fuel and NOx Reductant in Marine Engines: A Numerical Study. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 43.	2.6	17
2	Definition of an Artificial Reef Unit through Hydrodynamic and Structural (CFD and FEM) Models – Application to the Ares-Betanzos Estuary. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 230.	2.6	11
3	Analysis of the Pre-Injection System of a Marine Diesel Engine Through Multiple-Criteria Decision-Making and Artificial Neural Networks. <i>Polish Maritime Research</i> , 2022, 28, 88-96.	1.9	10
4	Proposed Conceptual Framework to Design Artificial Reefs Based on Particular Ecosystem Ecology Traits. <i>Biology</i> , 2022, 11, 680.	2.8	9
5	Opening or Not Opening Educational Centers in Time of SARS-CoV-2? Analysis of the Situation in Galicia (Spain). <i>Sustainability</i> , 2022, 14, 5564.	3.2	0
6	Analysis of a Nature-Inspired Shape for a Vertical Axis Wind Turbine. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7018.	2.5	8
7	Economic Feasibility of Floating Offshore Wind Farms Considering Near Future Wind Resources: Case Study of Iberian Coast and Bay of Biscay. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2553.	2.6	8
8	Marine Engines Performance and Emissions. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 280.	2.6	4
9	Numerical Model to Analyze the Physicochemical Mechanisms Involved in CO2 Absorption by an Aqueous Ammonia Droplet. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4119.	2.6	4
10	Proposal of a Nature-Inspired Shape for a Vertical Axis Wind Turbine and Comparison of Its Performance with a Semicircular Blade Profile. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6198.	2.5	8
11	Offshore Wind as a Base for a New Sustainable Business. <i>Advances in Finance, Accounting, and Economics</i> , 2021, , 254-270.	0.3	0
12	Erosive Degradation Study of Concrete Augmented by Mussel Shells for Marine Construction. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1087.	2.6	9
13	ANALYSIS OF THE PRE-INJECTION CONFIGURATION IN A MARINE ENGINE THROUGH SEVERAL MCDM TECHNIQUES. <i>Brodogradnja</i> , 2021, 72, 1-17.	1.9	5
14	Internal Modifications to Optimize Pollution and Emissions of Internal Combustion Engines through Multiple-Criteria Decision-Making and Artificial Neural Networks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12823.	2.6	3
15	Optimization of a Multiple Injection System in a Marine Diesel Engine through a Multiple-Criteria Decision-Making Approach. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 946.	2.6	17
16	Hydrodynamics of Biomimetic Marine Propulsion and Trends in Computational Simulations. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 479.	2.6	20
17	Assessment of the Materials Employed in Green Artificial Reefs for the Galician Estuaries in Terms of Circular Economy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8850.	2.6	19
18	An Economic Analysis of An Innovative Floating Offshore Wind Platform Built with Concrete: The SATHÂ® Platform. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3678.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Numerical Analysis of NO _x Reduction Using Ammonia Injection and Comparison with Water Injection. Journal of Marine Science and Engineering, 2020, 8, 109.	2.6	29
20	Managing the oceans: Site selection of a floating offshore wind farm based on GIS spatial analysis. Marine Policy, 2020, 113, 103803.	3.2	36
21	Selection of an Appropriate Pre-Injection Pattern in a Marine Diesel Engine Through a Multiple-Criteria Decision Making Approach. Applied Sciences (Switzerland), 2020, 10, 2482.	2.5	6
22	Numerical Model to Analyze an Artificial Reef. , 2020, , 357-364.		0
23	NO _x Reduction in Diesel-Hydrogen Engines Using Different Strategies of Ammonia Injection. Energies, 2019, 12, 1255.	3.1	17
24	Effect of multiple injection strategies on emissions and performance in the WÄrtsilÄ 6L 46 marine engine. A numerical approach. Journal of Cleaner Production, 2019, 206, 1-10.	9.3	24
25	Management of the Prevention of Labor Risks in Construction and Repair Shipyards. , 2019, , 461-472.		0
26	Methodology to calculate the installation costs of offshore wind farms located in deep waters. Journal of Cleaner Production, 2018, 170, 1124-1135.	9.3	42
27	Effects of the Expanded Panama Canal on Vessel Size and Seaborne Transport. Promet - Traffic - Traffico, 2018, 30, 241-251.	0.7	8
28	Numerical model to analyze No _x reduction by ammonia injection in diesel-hydrogen engines. International Journal of Hydrogen Energy, 2017, 42, 26132-26141.	7.1	39
29	CFD Applied to Floating Offshore Wind Energy. Green Energy and Technology, 2016, , 77-87.	0.6	0
30	Numerical Model of SO ₂ Scrubbing with Seawater Applied to Marine Engines. Polish Maritime Research, 2016, 23, 42-47.	1.9	20
31	Numerical Analysis of Emissions from Marine Engines Using Alternative Fuels. Polish Maritime Research, 2015, 22, 48-52.	1.9	28
32	A numerical evaluation of the contribution of different heat transfer mechanisms in nucleate boiling. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2015, 37, 1543-1553.	1.6	2
33	A Simple Methodology Based on the Pittsburgh Coal Method for Assessing Specific Explosion Risks in Dust-Generated Explosive Atmospheres: A Case Study from Galicia (NW Spain). Drying Technology, 2015, 33, 301-314.	3.1	1
34	Computational Fluid Dynamics Analysis of NO _x Reduction by Ammonia Injection in the Man B&W 7s50mc Marine Engine. , 2014, 156, .		4
35	Thermocapillary and not thermocapillary convection around non-condensable gas bubbles. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2013, 35, 493-503.	1.6	2
36	A numerical investigation of laminar flow of a water/alumina nanofluid. International Journal of Heat and Mass Transfer, 2013, 59, 423-432.	4.8	24

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37	Numerical model to study the combustion process and emissions in the Wärtsilä 6L 46 four-stroke marine engine. Polish Maritime Research, 2013, 20, 61-66.	1.9	21
38	Internal modifications to reduce pollutant emissions from marine engines. A numerical approach. International Journal of Naval Architecture and Ocean Engineering, 2013, 5, 493-501.	2.3	24
39	MODELO DE MECÁNICA DE FLUIDOS COMPUTACIONAL PARA EL ESTUDIO DE LA COMBUSTIÓN EN UN MOTOR DIESEL DE CUATRO TIEMPOS. Dyna (Spain), 2013, 88, 91-98.	0.2	1
40	Numerical model to study the valve overlap period in the Wärtsilä 6L 46 four-stroke marine engine. Polish Maritime Research, 2012, 19, .	1.9	12
41	Computational Fluid Dynamics Analysis of the Scavenging Process in the MAN B&W 7S50MC Two-Stroke Marine Diesel Engine. Journal of Ship Research, 2012, 56, 154-161.	1.1	28
42	Numerical analysis of the bubble detachment diameter in nucleate boiling. Journal of Physics: Conference Series, 2012, 395, 012174.	0.4	5
43	Heat transfer enhancement in nanofluids. A numerical approach. Journal of Physics: Conference Series, 2012, 395, 012116.	0.4	5
44	Three-dimensional cfd analysis to study the thrust and efficiency of a biologically-inspired marine propulsor. Polish Maritime Research, 2011, 18, .	1.9	11
45	MODELO DE MECANICA DE FLUIDOS COMPUTACIONAL PARA EL PROCESO DE BARRIDO EN UN MOTOR OTTO DE DOS TIEMPOS. Dyna (Spain), 2011, 86, 165-172.	0.2	3
46	Experimental and simulation studies on laser conduction welding of AA5083 aluminium alloys. Physics Procedia, 2010, 5, 299-308.	1.2	18