

Gianluca Pasini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

461
citations

1051969

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993246

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24
all docs

24
docs citations

24
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of waste heat recovery by inverted Brayton cycle applied to an LNG-fuelled transport truck. E3S Web of Conferences, 2021, 238, 10008.	0.2	3
2	LNG regasification and electricity production for port energy communities: Economic profitability and thermodynamic performance. Energy Conversion and Management, 2021, 238, 114128.	4.4	14
3	Utilisation of advanced biofuel in CI internal combustion engine. Fuel, 2021, 297, 120742.	3.4	14
4	Cost effective power-to-X plant using carbon dioxide from a geothermal plant to increase renewable energy penetration. Energy Conversion and Management, 2020, 226, 113494.	4.4	13
5	One-Pot Alcoholysis of the Lignocellulosic Eucalyptus nitens Biomass to n-Butyl Levulinate, a Valuable Additive for Diesel Motor Fuel. Catalysts, 2020, 10, 509.	1.6	33
6	Long term electricity storage by oxygen liquefaction and LNG oxy-combustion. Journal of Energy Storage, 2020, 28, 101247.	3.9	2
7	Bio-additives for CI engines from one-pot alcoholysis reaction of lignocellulosic biomass: an experimental activity. E3S Web of Conferences, 2020, 197, 08005.	0.2	1
8	Feasibility analysis of a hybrid auxiliary power unit for pleasure boats. E3S Web of Conferences, 2020, 197, 05005.	0.2	0
9	Potential energy recovery from LNG regasification in LNG-fueled ships. E3S Web of Conferences, 2019, 113, 02011.	0.2	1
10	Biomethane grid injection or biomethane liquefaction: A technical-economic analysis. Biomass and Bioenergy, 2019, 127, 105264.	2.9	32
11	Externally fired micro gas turbine for biomass application using automotive components. AIP Conference Proceedings, 2019, , .	0.3	1
12	Small scale bio-LNG plant: Comparison of different biogas upgrading techniques. Applied Energy, 2018, 217, 328-335.	5.1	92
13	Numerical Investigation on LNG Injection in a SI-ICE. , 2018, , .		0
14	Impact of consumption profile discontinuities on the feasibility of a PV plant. Energy Procedia, 2018, 148, 455-462.	1.8	1
15	Hybrid power plant for energy storage and peak shaving by liquefied oxygen and natural gas. Applied Energy, 2018, 228, 33-41.	5.1	21
16	Performance evaluation of a medium size diesel vehicle equipped with different electricâ€turbocompound layouts. IET Electrical Systems in Transportation, 2018, 8, 71-79.	1.5	5
17	Liquid air energy storage: Potential and challenges of hybrid power plants. Applied Energy, 2017, 194, 522-529.	5.1	119
18	Auxiliary Power Units for pleasure boats. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Electric Turbo Compounding Applied to a CI Engine: A Numerical Evaluation of Different Layouts. , 2016, , .		3
20	Liquid Air Energy Storage: A Potential Low Emissions and Efficient Storage System. Energy Procedia, 2016, 88, 693-697.	1.8	31
21	Evaluation of an electric turbo compound system for SI engines: A numerical approach. Applied Energy, 2016, 162, 527-540.	5.1	59
22	Numerical Comparison of an Electric Turbo Compound Applied to a SI and a CI Engine. , 2015, , .		3
23	Numerical Evaluation of an Electric Turbo Compound for SI Engines. , 2014, , .		7
24	Numerical Analysis of Electrically Assisted Turbocharger Application on Hybrid Vehicle. , 0, , .		3