

Alessandro Cappelletti

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

276
citations

1163117

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h-index

1281871

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g-index

12
all docs

12
docs citations

12
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and emissions of liquefied wood as fuel for a small scale gas turbine. Applied Energy, 2018, 230, 1193-1204.	10.1	16
2	Integration and architectural issues of a photovoltaic/thermal linear solar concentrator. Solar Energy, 2018, 169, 362-373.	6.1	11
3	Combustion of fast pyrolysis bio-oil and blends in a micro gas turbine. Biomass and Bioenergy, 2018, 115, 174-185.	5.7	56
4	Effect of the Reynolds number and the basic design parameters on the isothermal flow field of low-swirl combustors. Experimental Thermal and Fluid Science, 2017, 84, 242-250.	2.7	18
5	Investigation of a pure hydrogen fueled gas turbine burner. International Journal of Hydrogen Energy, 2017, 42, 10513-10523.	7.1	82
6	Emissions and Combustion Performance of a Micro Gas Turbine Powered with Liquefied Wood and its Blends. Energy Procedia, 2017, 142, 297-302.	1.8	5
7	Practical Issues and Characterization of a Photovoltaic/Thermal Linear Focus 20×20 cm ² Solar Concentrator. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2464-2475.	4.7	24
8	On the Development of an Efficient Regenerative Compressor. Energy Procedia, 2015, 82, 252-257.	1.8	9
9	Numerical and Experimental Analysis of a CPV/T Receiver Suitable for Low Solar Concentration Factors. Energy Procedia, 2015, 82, 724-729.	1.8	25
10	Performances Issue's Analysis of an Innovative Low Concentrated Solar Panel for Energy Production in Buildings. Energy Procedia, 2015, 81, 22-29.	1.8	3
11	Numerical Redesign of 100kw MGT Combustor for 100% H2 fueling. Energy Procedia, 2014, 45, 1412-1421.	1.8	23
12	Experimental and Numerical Characterization of Lean Hydrogen Combustion in a Premix Burner Prototype. , 2011, , .		4