Marco Antonelli

List of Publications by Year
in descending order

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16 papers	440 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	501 citing authors

#	Article	IF	Citations
1	Woodchip size effect on combustion temperatures and volatiles in a small-scale fixed bed biomass boiler. Renewable Energy, 2020, 151, 161-174.	8.9	16
2	Analysis of Balje diagrams for a Wankel expander prototype. Applied Energy, 2019, 238, 775-785.	10.1	9
3	Combustion of wood-chips in a small-scale fixed-bed boiler: Validation of the numerical model through in-flame measurements. Fuel, 2018, 221, 128-137.	6.4	11
4	Experimental investigation on the air excess and air displacement influence on early stage and complete combustion gaseous emissions of a small scale fixed bed biomass boiler. Applied Energy, 2018, 216, 576-587.	10.1	19
5	A CFD analysis to investigate thermal losses in a panel composed of several CPC concentrators. Thermal Science and Engineering Progress, 2018, 5, 278-288.	2.7	20
6	Experimental investigation on air displacement and air excess effect on CO, CO2 and NO emissions of a small size fixed bed biomass boiler. Renewable Energy, 2018, 116, 795-804.	8.9	24
7	Effects of large scale penetration of renewables: The Italian case in the years 2008â€“2015. Renewable and Sustainable Energy Reviews, 2018, 81, 3090-3100.	16.4	41
8	Biomass early stage combustion in a small size boiler: experimental and numerical analysis. Energy Procedia, 2018, 148, 1159-1166.	1.8	1
9	A novel Pumped Thermal Electricity Storage (PTES) system with thermal integration. Applied Thermal Engineering, 2017, 121, 1051-1058.	6.0	87
10	A numerical model for the prediction of the fluid dynamic and mechanical losses of a Wankel-type expansion device. Applied Energy, 2017, 205, 225-235.	10.1	14
11	Experimental investigation on the fixed bed of a small size biomass boiler. Energy Procedia, 2017, 142, 468-473.	1.8	4
12	Dynamic modelling of a low-concentration solar power plant: A control strategy to improve flexibility. Renewable Energy, 2016, 95, 574-585.	8.9	24
13	Analysis of heat transfer in different CPC solar collectors: A CFD approach. Applied Thermal Engineering, 2016, 101, 479-489.	6.0	27
14	Do feed-in tariffs drive PV cost or viceversa?. Applied Energy, 2014, 135, 721-729.	10.1	33
15	A simplified method for the evaluation of the performance of coal fired power plant with carbon capture. Applied Thermal Engineering, 2014, 64, 263-272.	6.0	28
16	The doping effect of Italian feed-in tariffs on the PV market. Energy Policy, 2014, 67, 583-594.	8.8	82