

Andrea Montecucco

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

780
citations

759233

12
h-index

1058476

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16
all docs

16
docs citations

16
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel model and maximum power tracking algorithm for thermoelectric generators operated under constant heat flux. Applied Energy, 2019, 256, 113930.	10.1	15
2	Transient response of a thermoelectric generator to load steps under constant heat flux. Applied Energy, 2018, 212, 293-303.	10.1	33
3	Chlorine-Enabled Electron Doping in Solution-Synthesized SnSe Thermoelectric Nanomaterials. Advanced Energy Materials, 2017, 7, 1602328.	19.5	64
4	Outdoor performance of a reflective type 3D LCPV system under different climatic conditions. AIP Conference Proceedings, 2017, , .	0.4	3
5	Facile Surfactant-Free Synthesis of p-Type SnSe Nanoplates with Exceptional Thermoelectric Power Factors. Angewandte Chemie, 2016, 128, 6543-6547.	2.0	9
6	Facile Surfactant-Free Synthesis of p-Type SnSe Nanoplates with Exceptional Thermoelectric Power Factors. Angewandte Chemie - International Edition, 2016, 55, 6433-6437.	13.8	81
7	Multiphysics Simulations of a Thermoelectric Generator. Energy Procedia, 2015, 75, 633-638.	1.8	21
8	Constant heat characterisation and geometrical optimisation of thermoelectric generators. Applied Energy, 2015, 149, 248-258.	10.1	62
9	A Combined Heat and Power System for Solid-fuel Stoves Using Thermoelectric Generators. Energy Procedia, 2015, 75, 597-602.	1.8	23
10	Maximum Power Point Tracking Converter Based on the Open-Circuit Voltage Method for Thermoelectric Generators. IEEE Transactions on Power Electronics, 2015, 30, 828-839.	7.9	161
11	The effect of temperature mismatch on thermoelectric generators electrically connected in series and parallel. Applied Energy, 2014, 123, 47-54.	10.1	162
12	Accurate simulation of thermoelectric power generating systems. Applied Energy, 2014, 118, 166-172.	10.1	82
13	Hardware Implementation of Maximum Power Point Tracking for Thermoelectric Generators. Journal of Electronic Materials, 2014, 43, 2293-2300.	2.2	12
14	A New Test Rig for Accurate Nonparametric Measurement and Characterization of Thermoelectric Generators. Journal of Electronic Materials, 2013, 42, 1966-1973.	2.2	28
15	Megawatt scale energy recovery in the Rankine cycle. , 2012, , .		5
16	Simple, fast and accurate maximum power point tracking converter for thermoelectric generators. , 2012, , .		19