

Rahate Ahmed

List of Publications by Year in descending order

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9
papers

75
citations

1684188
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1588992
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all docs

9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Power generation by a thermomagnetic engine by hybrid operation of an electromagnetic generator and a triboelectric nanogenerator. International Journal of Energy Research, 2019, 43, 5852-5863.	4.5	20
2	Power Generation from a Hybrid Generator (TENG-EMG) Run by a Thermomagnetic Engine Harnessing Low Temperature Waste Heat. Energies, 2019, 12, 1774.	3.1	17
3	Development of a Tree-Shaped Hybrid Nanogenerator Using Flexible Sheets of Photovoltaic and Piezoelectric Films. Energies, 2019, 12, 229.	3.1	14
4	Harnessing low-grade waste heat by operating a hybrid piezoelectric-electromagnetic energy harvester combined with a thermomagnetic engine. International Journal of Energy Research, 2020, 44, 10710-10723.	4.5	12
5	Design and operation of a thermomagnetic engine for the exploitation of low-grade thermal energy. International Journal of Energy Research, 2021, 45, 15298-15311.	4.5	6
6	Design and Performance Analysis of Powering a Wireless Earphone by a Thermoelectric Generator. IEEE Access, 2021, 9, 54457-54465.	4.2	2
7	Optimization of a cylindrical thermomagnetic engine for power generation from low-temperature heat sources. International Journal of Energy Research, 2021, 45, 8606-8619.	4.5	2
8	Seven-Point Solar Tracking Control for a Fiber-Optic Daylighting System. Journal of Solar Energy Engineering, Transactions of the ASME, 2021, 143, .	1.8	2
9	Development of a Hybrid Power Generation System Using Photovoltaic Cells and Piezoelectric Materials. Journal of the Korean Solar Energy Society, 2019, 39, 51-58.	0.4	0