

Aminu Yusuf

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

180
citations

1306789

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1473754

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10
docs citations

10
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of concentrated Photovoltaic-Thermoelectric hybrid system via non-dominated sorting genetic algorithm (NSGA II). <i>Energy Conversion and Management</i> , 2021, 236, 114065.	4.4	58
2	Facile Solution Synthesis, Processing and Characterization of n- and p-Type Binary and Ternary Biâ€“Sb Tellurides. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1178.	1.3	34
3	Geometric optimization of thermoelectric generator using genetic algorithm considering contact resistance and Thomson effect. <i>International Journal of Energy Research</i> , 2021, 45, 9382-9395.	2.2	20
4	Modelling a Segmented Skutterudite-Based Thermoelectric Generator to Achieve Maximum Conversion Efficiency. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 408.	1.3	17
5	Electrical, thermomechanical and cost analyses of a low-cost thermoelectric generator. <i>Energy</i> , 2022, 241, 122934.	4.5	17
6	Experimental and Theoretical Investigation of the Effect of Filler Material on the Performance of Flexible and Rigid Thermoelectric Generators. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61275-61285.	4.0	14
7	Thermal resistance analysis of trapezoidal concentrated photovoltaic â€“ Thermoelectric systems. <i>Energy Conversion and Management</i> , 2021, 250, 114908.	4.4	12
8	The Effect of Crystal Mismatch on the Thermoelectric Performance Enhancement of Nano Cu ₂ Se. <i>Frontiers in Materials</i> , 2021, 7, .	1.2	4
9	Novel semi-supervised learning approach for descriptor generation using artificial neural networks. <i>Soft Computing</i> , 2022, 26, 7709-7720.	2.1	3
10	Performance assessment of a trapezoidal concentrated photovoltaic â€” thermoelectric system. , 2021, , .		1