

MATawfik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4590202/publications.pdf>

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8
papers

139
citations

1684188

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1720034

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8
all docs

8
docs citations

8
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical modeling and experimental validation of the thermal performance of a novel design solar cooker. Solar Energy, 2020, 207, 40-50.	6.1	43
2	Solar cooker with tracking-type bottom reflector: An experimental thermal performance evaluation of a new design. Solar Energy, 2021, 220, 295-315.	6.1	34
3	Performance evaluation of solar cooker with tracking type bottom reflector retrofitted with a novel design of thermal storage incorporated absorber plate. Journal of Energy Storage, 2022, 51, 104432.	8.1	20
4	Modeling and Simulation of Corn Stover Gasifier and Micro-turbine for Power Generation. Waste and Biomass Valorization, 2019, 10, 3101-3114.	3.4	15
5	Methane production enhancement of a family-scale biogas digester using cattle manure and corn stover under cold climates. Sustainable Energy Technologies and Assessments, 2021, 45, 101163.	2.7	11
6	Modeling of a Downdraft Gasifier Combined with Externally Fired Gas Turbine using rice straw for generating electricity in Egypt. , 2016, , .		7
7	Experimental performance evaluation of a parabolic dish solar geyser using a generalized approach for decentralized applications. Sustainable Energy Technologies and Assessments, 2021, 47, 101454.	2.7	5
8	POTENTIALITY OF BIOGAS PRODUCTION USING ANAEROBIC DIGESTER WITH STRUCTURAL DEVELOPMENT AT LOWER AND UPPER EGYPT IN WINTER. Misr Journal of Agricultural Engineering, 2019, 36, 587-608.	0.0	4