

# MATawfik

## List of Publications by Year in descending order

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

Version: 2024-02-01

8  
papers

139  
citations

1684188  
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8  
docs citations

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times ranked

93  
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#	ARTICLE	IF	CITATIONS
1	Performance evaluation of solar cooker with tracking type bottom reflector retrofitted with a novel design of thermal storage incorporated absorber plate. <i>Journal of Energy Storage</i> , 2022, 51, 104432.	8.1	20
2	Solar cooker with tracking-type bottom reflector: An experimental thermal performance evaluation of a new design. <i>Solar Energy</i> , 2021, 220, 295-315.	6.1	34
3	Methane production enhancement of a family-scale biogas digester using cattle manure and corn stover under cold climates. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101163.	2.7	11
4	Experimental performance evaluation of a parabolic dish solar geyser using a generalized approach for decentralized applications. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101454.	2.7	5
5	Mathematical modeling and experimental validation of the thermal performance of a novel design solar cooker. <i>Solar Energy</i> , 2020, 207, 40-50.	6.1	43
6	Modeling and Simulation of Corn Stover Gasifier and Micro-turbine for Power Generation. <i>Waste and Biomass Valorization</i> , 2019, 10, 3101-3114.	3.4	15
7	POTENTIALITY OF BIOGAS PRODUCTION USING ANAEROBIC DIGESTER WITH STRUCTURAL DEVELOPMENT AT LOWER AND UPPER EGYPT IN WINTER. <i>Misr Journal of Agricultural Engineering</i> , 2019, 36, 587-608.	0.0	4
8	Modeling of a Downdraft Gasifier Combined with Externally Fired Gas Turbine using rice straw for generating electricity in Egypt. , 2016, , .		7