

Mohamed Fathy Cidek Esmail

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

202
citations

1478505

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1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimum design of hybrid wind/PV energy system for remote area. Ain Shams Engineering Journal, 2020, 11, 11-23.	6.1	75
2	Thermal management of high concentrator solar cell using new designs of stepwise varying width microchannel cooling scheme. Applied Thermal Engineering, 2020, 172, 115124.	6.0	39
3	Performance, limits, and thermal stress analysis of high concentrator multijunction solar cell under passive cooling conditions. Applied Thermal Engineering, 2020, 164, 114497.	6.0	31
4	Direct microscopic image and measurement of the atomization process of a port fuel injector. Measurement Science and Technology, 2010, 21, 075403.	2.6	20
5	Experimental and Theoretical Performance of Mini Solar Chimney Power Plant. Journal of Clean Energy Technologies, 2017, 5, 294-298.	0.1	11
6	Investigations of the instantaneous performance of a solar chimney power plant installed in Aswan using IoT. IET Renewable Power Generation, 2019, 13, 2261-2266.	3.1	9
7	A numerical comparative study of axial flow turbines for solar chimney power plant. Case Studies in Thermal Engineering, 2021, 26, 101046.	5.7	6
8	Experimental and Numerical Investigation of the Solar Chimney Power Plant's Turbine. Open Journal of Fluid Dynamics, 2016, 06, 332-342.	0.5	4
9	CO2 concentration measurements inside expansion-compression engine under high EGR conditions using an infrared absorption method. Ain Shams Engineering Journal, 2020, 11, 787-793.	6.1	3
10	Performance Investigation of the Solar Chimney Power Plants Heater Case Study in Aswan, Egypt. Journal of Power and Energy Engineering, 2016, 04, 39-60.	0.6	2
11	Numerical simulation of the aerodynamic performance of a novel micro-aerial vehicle mimicking a locust. Ain Shams Engineering Journal, 2021, 12, 2935-2945.	6.1	1
12	SC3-2: Effect of Nozzle Geometry on Atomization of Transient Spray from Port Fuel Injector(SC: Spray) Tj ETQq0 0 0 rgBT /Overlock 10 T Diagnostics and Modeling of Combustion in Internal Combustion Engines, 2008, 2008.7, 429-436.	0.1	1