

Sameh Shaaban

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

468
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of duct geometry on Wells turbine performance. Energy Conversion and Management, 2012, 61, 51-58.	9.2	45
2	Numerical investigation and optimization of the solar chimney collector performance and power density. Energy Conversion and Management, 2018, 168, 150-161.	9.2	44
3	Optimization of blade pitch angle of an axial turbine used for wave energy conversion. Energy, 2013, 56, 229-239.	8.8	42
4	Analysis of an integrated solar combined cycle with steam and organic Rankine cycles as bottoming cycles. Energy Conversion and Management, 2016, 126, 1003-1012.	9.2	34
5	Optimization of orifice meter's energy consumption. Chemical Engineering Research and Design, 2014, 92, 1005-1015.	5.6	33
6	On the performance of perforated plate with optimized hole geometry. Flow Measurement and Instrumentation, 2015, 46, 44-50.	2.0	33
7	Insight analysis of biplane Wells turbine performance. Energy Conversion and Management, 2012, 59, 50-57.	9.2	30
8	Performance optimization of an integrated solar combined cycle power plant equipped with a brine circulation MSF desalination unit. Energy Conversion and Management, 2019, 198, 111794.	9.2	29
9	Numerical optimization of axial turbine with self-pitch-controlled blades used for wave energy conversion. International Journal of Energy Research, 2014, 38, 592-601.	4.5	26
10	Performance evaluation of a multi-degree of freedom hybrid controlled dual axis solar tracking system. Solar Energy, 2018, 170, 576-585.	6.1	24
11	A proposed advanced maximum power point tracking control for a photovoltaic-solar pump system. Solar Energy, 2017, 158, 321-331.	6.1	23
12	Wells turbine blade profile optimization for better wave energy capture. International Journal of Energy Research, 2017, 41, 1767-1780.	4.5	21
13	Aero-economical optimization of Wells turbine rotor geometry. Energy Conversion and Management, 2016, 126, 20-31.	9.2	19
14	Detailed analysis of reverse osmosis systems in hot climate conditions. Desalination, 2017, 423, 41-51.	8.2	18
15	Design and optimization of a novel flowmeter for liquid hydrogen. International Journal of Hydrogen Energy, 2017, 42, 14621-14632.	7.1	12
16	Wave energy harvesting using a novel turbine rotor geometry. International Journal of Energy Research, 2017, 41, 540-552.	4.5	12
17	Design optimization of a centrifugal compressor vaneless diffuser. International Journal of Refrigeration, 2015, 60, 142-154.	3.4	11
18	Enhancement of the solar trough collector efficiency by optimizing the reflecting mirror profile. Renewable Energy, 2021, 176, 40-49.	8.9	11

#	ARTICLE	IF	CITATIONS
19	Dynamic Modelling and Control of quadrotor's attitude around its hover position. , 2019, , .		1
20	Identification of cost and energy effective seawater membranes for use under hot climate conditions. Water Environment Research, 0, , .	2.7	0