

Ahmed S Shehata

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

428
citations

933447

10
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance study of ducted nozzle Savonius water turbine, comparison with conventional Savonius turbine. <i>Energy</i> , 2017, 134, 566-584.	8.8	103
2	Wells turbine for wave energy conversion: a review. <i>International Journal of Energy Research</i> , 2017, 41, 6-38.	4.5	80
3	Performance analysis of wells turbine blades using the entropy generation minimization method. <i>Renewable Energy</i> , 2016, 86, 1123-1133.	8.9	52
4	Passive flow control for aerodynamic performance enhancement of airfoil with its application in Wells turbine " Under oscillating flow condition. <i>Ocean Engineering</i> , 2017, 136, 31-53.	4.3	38
5	Enhancement of performance of wave turbine during stall using passive flow control: First and second law analysis. <i>Renewable Energy</i> , 2017, 113, 369-392.	8.9	31
6	Comparative analysis of different wave turbine designs based on conditions relevant to northern coast of Egypt. <i>Energy</i> , 2017, 120, 450-467.	8.8	24
7	Entropy Generation Due to Viscous Dissipation around a Wells Turbine Blade: A Preliminary Numerical Study. <i>Energy Procedia</i> , 2014, 50, 808-816.	1.8	23
8	Effect of passive flow control on the aerodynamic performance, entropy generation and aeroacoustic noise of axial turbines for wave energy extractor. <i>Ocean Engineering</i> , 2018, 157, 262-300.	4.3	20
9	Numerical and experimental investigations on efficient design and performance of hydrokinetic Banki cross flow turbine for rural areas. <i>Ocean Engineering</i> , 2018, 159, 437-456.	4.3	17
10	Incremental approach for radial basis functions mesh deformation with greedy algorithm. <i>Journal of Computational Physics</i> , 2017, 340, 556-574.	3.8	14
11	Experimental and techno-economic feasibility analysis of renewable energy technologies for Jabel Ali Port in UAE. <i>Energy Reports</i> , 2021, 7, 116-136.	5.1	7
12	Experimental investigation of a stepped solar still employing a phase change material, a conical tank, and a solar dish. <i>International Journal of Energy Research</i> , 2022, 46, 16762-16776.	4.5	4
13	Numerical optimization of hybrid wind-wave farm layout located on Egyptian North Coasts. <i>Ocean Engineering</i> , 2021, 234, 109260.	4.3	3
14	Performance analysis of 10MWp grid-connected photovoltaic system in the Mediterranean climate using PVsyst software. , 2021, , 286-291.		3
15	Numerical simulation of flow in hydrokinetic turbine channel to improve its efficiency by using first and second-law efficiency analysis. <i>Ocean Engineering</i> , 2022, 244, 110400.	4.3	3
16	Reply to: Discussion on "performance analysis of wells turbine blades using the entropy generation minimization method" by Shehata, A. S., Saqr, K. M., Xiao, Q., Shahadeh, M. F. and Day, A. <i>Renewable Energy</i> , 2018, 118, 402-408.	8.9	2
17	Enhancement of photovoltaic power farms using a new power prediction approach. <i>International Journal of Energy Research</i> , 2022, 46, 4222-4246.	4.5	2
18	Techno Selection Approach of Working Fluid for Enhancing the OTEC System Performance. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Preliminary Design of an Offshore Wind Farm on the Egyptian Coast. , 2020, , .		1
20	Modelling and Assessment of Accidental Gas Release from Damaged Subsea Pipelines. International Journal of Environmental Science and Development, 2021, 12, 162-168.	0.6	0