Samer Y Alsadi

List of Publications by Year
in descending order

20 papers	319 citations	10 h-index	16 g-index
20 all docs	20 docs citations	20 times ranked	246 citing authors

933447

940533

#	Article	IF	Citations
1	Photovoltaic Power Systems Optimization Research Status: A Review of Criteria, Constrains, Models, Techniques, and Software Tools. Applied Sciences (Switzerland), 2018, 8, 1761.	2.5	64
2	Estimation of Solar Irradiance on Solar Fields: An Analytical Approach and Experimental Results. IEEE Transactions on Sustainable Energy, 2017, 8, 1601-1608.	8.8	40
3	Technical and Economic Feasibility of Utility-Scale Solar Energy Conversion Systems in Saudi Arabia. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 213-225.	2.3	34
4	Multi-Factorial Comparison for 24 Distinct Transposition Models for Inclined Surface Solar Irradiance Computation in the State of Palestine: A Case Study. Frontiers in Energy Research, 2020, 7, .	2.3	30
5	Partial Shading of PV System Simulation with Experimental Results. Smart Grid and Renewable Energy, 2013, 04, 429-435.	1.1	27
6	Characteristic Study of Solar Photovoltaic Array Under Different Partial Shading Conditions. IEEE Access, 2022, 10, 6856-6866.	4.2	27
7	A general expression for the shadow geometry for fixed mode horizontal, step-like structure and inclined solar fields. Solar Energy, 2019, 181, 53-69.	6.1	26
8	View Factors of Flat Solar Collectors Array in Flat, Inclined, and Step-Like Solar Fields. Journal of Solar Energy Engineering, Transactions of the ASME, 2016, 138, .	1.8	18
9	Estimation of Environmental Damage Costs from CO&lt;sub&gt;2&lt;/sub&gt;e Emissions in Libya and the Revenue from Carbon Tax Implementation. Low Carbon Economy, 2017, 08, 118-132.	1.2	12
10	A Numerical Simulation of a Stationary Solar Field Augmented by Plane Reflectors: Optimum Design Parameters. Smart Grid and Renewable Energy, 2017, 08, 221-239.	1.1	11
11	View Factors in Horizontal Plane Fixed-Mode Solar PV Fields. Frontiers in Energy Research, 2022, 10, .	2.3	7
12	Modeling of Wind Speed for Palestine Using Artificial Neural Network. Journal of Applied Sciences, 2011, 11, 2634-2639.	0.3	6
13	Determination of the Most Accurate Horizontal to Tilted Sky-Diffuse Solar Irradiation Transposition Model for the Capital Cities in MENA Region. , 2022, , .		6
14	Energy Demand Based Procedure for Tilt Angle Optimization of Solar Collectors in Developing Countries. Journal of Fundamentals of Renewable Energy and Applications, 2017, 07, .	0.2	5
15	Analysis of the View Factors in Rooftop PV Solar. , 2022, , .		3
16	Accurate and time‐efficient negative binomial linear model for electric load forecasting in IoE. Transactions on Emerging Telecommunications Technologies, 2019, , e3732.	3.9	1
17	Wind Energy Potential in Gaza Strip-Palestine state. Al-tÌ£aÌ„qatÌˆ Al-sÌ†amsiyyatÌˆ Wa-al-tanmiyyatÌˆ Al-mustadaÌ„matÌˆ, 2021, 7, .	0.1	1
18	Chaotic Optimization Versus Genetic Algorithm for Optimal Tuning of Static Synchronous Series Compensator Stabilizing Controller. International Review of Electrical Engineering, 2019, 14, 159.	0.2	1

#	Article	IF	Citations
19	Forecasting for smart energy: an accurate and effificient negative binomial additive model. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 1000.	0.8	0
20	Mass flow rate optimization in solar heating systems based on a flat-plate solar collector: A case study. World Journal of Advanced Research and Reviews, 2021, 12, 061-071.	0.2	0