

Layth Mohammed Abd Ali

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

111
citations

1307594

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1372567

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g-index

27
all docs

27
docs citations

27
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies of the PV Array Characteristics with Changing Array Surface Irradiance. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 223-228.	1.6	14
2	Study of Hybrid Wind-Solar Systems for the Iraq Energy Complex. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 260-264.	1.6	14
3	Investigation of the losses of photovoltaic solar systems during operation under partial shading. Journal of Applied Engineering Science, 2020, 18, 313-320.	0.9	14
4	An Offshore Wind-Power-Based Water Desalination Complex as a Response to an Emergency in Water Supply to Northern Crimea. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 260-264.	1.6	8
5	Storage System for Solar Plants. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 153-158.	1.6	8
6	Analysis of Various Energy Supply Scenarios of Crimea with Allowance for Operating Modes of Solar Power Plants. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 229-234.	1.6	7
7	Improvement of Methods for Predicting the Generation Capacity of Solar Power Plants: the Case of the Power Systems in the Republic of Crimea and City of Sevastopol. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 235-240.	1.6	7
8	Some Results of a Study of Wave Energy Converters at Sevastopol State University. Applied Solar Energy (English Translation of Geliotekhnika), 2019, 55, 256-259.	1.6	5
9	A Novel Design of 7-Level Diode Clamped Inverter. Journal of Engineering and Applied Sciences, 2019, 14, 3666-3673.	0.2	5
10	Assessment of the Potential of Wind Energy Resources in Southern Iraq. Bulletin of Kalashnikov ISTU, 2020, 23, 105.	0.2	4
11	Modeling and Simulation of Tidal Energy. Journal of Engineering and Applied Sciences, 2019, 14, 3698-3706.	0.2	4
12	Optimization of Energy Storage in Hybrid Wind and Photovoltaic Energy Systems. Bulletin of Kalashnikov ISTU, 2020, 23, 100.	0.2	3
13	Electricity Generation by using a Hybrid System (Photovoltaic and Fuel Cell). Journal of Engineering and Applied Sciences, 2019, 14, 4414-4418.	0.2	3
14	Modeling the Operating Modes of a Photovoltaic System. Bulletin of Kalashnikov ISTU, 2021, 24, 78-87.	0.2	3
15	Developing a thermal design for steam power plants by using concentrating solar power technologies for a clean environment. Acta Montanistica Slovaca, 2022, , 773-783.	0.4	3
16	Mathematical Modeling and Controller for PV System by Using MPPT Algorithm. Bulletin of Kalashnikov ISTU, 2021, 24, 96.	0.2	2
17	Smart Control System for the Wind Energy Networks. Bulletin of Kalashnikov ISTU, 2021, 24, 102.	0.2	2
18	Development of hybrid photo-wind power systems with a diesel generator to overcome energy shortages. E3S Web of Conferences, 2021, 270, 01029.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Geothermal Energy as a Resource of Renewable Energy. Journal of Engineering and Applied Sciences, 2019, 14, 3003-3009.	0.2	0
20	OUTPUT ANALYSIS AND SIMULATION OF AN AUTONOMOUS PHOTOELECTRIC SYSTEM. , 2021, , .		0
21	MODELING AND CONTROLLING A GRID-CONNECTED WIND ENERGY SYSTEM USING A PERMANENT MAGNET SYNCHRONOUS GENERATOR (PMSC). , 2021, , .		0
22	DEVELOPMENT OF COMBINED STAND-ALONE POWER SUPPLY SYSTEMS OF LOW POWER WITH SOLAR ENERGY FOR ELECTRICITY GENERATION IN RURAL AREAS. , 2021, , .		0
23	Experimental Studies on Receiving Surfaces of Flat Solar Collectors. Surface Engineering and Applied Electrochemistry, 2021, 57, 715-720.	0.8	0