Aliashim Albani

List of Publications by Year
in descending order

#	Article	IF	Citations
1	The wind energy potential in Kudat Malaysia by considering the levelized cost of energy for combined wind turbine capacities. Energy and Environment, 2021, 32, 1149-1169.	4.6	4
2	The Impact Study of El NiÃ±o-Southern Oscillation to the Wind and Solar Data in Malaysia Using the Wavelet Analysis. Frontiers in Energy Research, 2021, 8, .	2.3	3
3	Investigations of Hydraulic Power Take-Off Unit Parameters Effects on the Performance of the WAB-WECs in the Different Irregular Sea States. Journal of Marine Science and Engineering, 2021, 9, 897.	2.6	3
4	An Estimation of Hydraulic Power Take-off Unit Parameters for Wave Energy Converter Device Using Non-Evolutionary NLPQL and Evolutionary GA Approaches. Energies, 2021, 14, 79.	3.1	12
5	Parameters estimation of hydraulic power take-off system for wave energy conversion system using genetic algorithm. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012129.	0.3	9
6	The Status of the Development of Wind Energy in Nigeria. Energies, 2020, 13, 6219.	3.1	10
7	The impact of El NiÃ±o-southern oscillation to the wind and solar data in Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012168.	0.3	0
8	THE IMPACT OF ENERGY CONSUMPTION BASED ON FOSSIL FUEL AND HYDROELECTRICITY GENERATION TOWARDS POLLUTION IN MALAYSIA, INDONESIA AND THAILAND. International Journal of Energy Economics and Policy, 2020, 10, 215-227.	1.2	14
9	Wind shear data at two different terrain types. Data in Brief, 2019, 25, 104306.	1.0	6
10	Development of Graphical Interface Simulator of Advanced Wastewater Treatment Design Process for Teaching, Learning, and Assessment. Designs, 2019, 3, 27.	2.4	3
11	The Simulation and Experimental Study of Hydraulic Transmission with Constant-pressure Scheme for Wave Energy Converter Application. IOP Conference Series: Materials Science and Engineering, 2019, 605, 012007.	0.6	1
12	Hydraulic Power Take-Off Concepts for Wave Energy Conversion System: A Review. Energies, 2019, 12, 4510.	3.1	46
13	Influence of the ENSO and Monsoonal Season on Long-Term Wind Energy Potential in Malaysia. Energies, 2018, 11, 2965.	3.1	11
14	An Optimized ANN Measure-Correlate-Predict Method for Long-term Wind Prediction in Malaysia. , 2018, , .		1
15	The Development of Wave Energy Converter System Using Hydraulic Power Take Off at Terengganu Shoreline. , 2018, , .		5
16	Wind Energy Potential and Power Law Indexes Assessment for Selected Near-Coastal Sites in Malaysia. Energies, 2017, 10, 307.	3.1	52
17	The Optimal Generation Cost-Based Tariff Rates for Onshore Wind Energy in Malaysia. Energies, 2017, 10, 1114.	3.1	13
18	Wind turbine rank method for a wind park scenario. World Journal of Engineering, 2016, 13, 500-508.	1.6	4

#	Article	IF	Citations
19	The Development of Wave Energy Conversion Device to Generate Electricity. Applied Mechanics and Materials, 2015, 773-774, 460-464.	0.2	5
20	WWS Hybrid Tri-Renewable Power System to Generate Electricity (WWS: Wave. Wind. Solar). Advanced Science Letters, 2015, 21, 3632-3634.	0.2	0
21	An Assessment of Wind Energy Potential for Selected Sites in Malaysia Using Feed-In Tariff Criteria. Wind Engineering, 2014, 38, 249-259.	1.9	11
22	The Feasibility Study of Offshore Wind Energy Potential in Kijal, Malaysia: The New Alternative Energy Source Exploration in Malaysia. Energy Exploration and Exploitation, 2014, 32, 329-344.	2.3	26
23	The Potential of Wind Energy in Malaysian Renewable Energy Policy: Case Study in Kudat, Sabah. Energy and Environment, 2014, 25, 881-898.	4.6	16
24	Wind Energy Potential Investigation and Micrositting in Langkawi Island, Malaysia. Wind Engineering, 2013, 37, 1-11.	1.9	5
25	Statistical Analysis of Wind Power Density Based on the Weibull and Rayleigh Models of Selected Site in Malaysia. Pakistan Journal of Statistics and Operation Research, 2013, 9, 395.	1.1	6
26	Wind speed modeling over complex terrain with the artificial neural network in the measure-correlate-predict technique: A case study of Malaysia. Wind Engineering, 0, , 0309524X2110558.	1.9	0