Laith M Halabi

List of Publications by Year
in descending order

16 papers	666 citations	1040018 9 h-index	1125717 13 g-index
16 all docs	16 docs citations	16 times ranked	805 citing authors

#	Article	IF	Citations
1	Dual-Carrier-Based PWM Method for DC-Link Capacitor Lifetime Extension in Three-Level Hybrid ANPC Inverters. IEEE Transactions on Industrial Electronics, 2023, 70, 3303-3314.	7.9	13
2	Detection of Open-Circuit Faults in Multi-Level Hybrid Active Neutral Point Clamped Inverters. Journal of Electrical Engineering and Technology, 2022, 17, 2299-2307.	2.0	3
3	Fault Diagnosis and Tolerance for Open-circuit Faults in Multi-Level Inverters. , 2022, , .		5
4	Hardware implementation for hybrid active NPC converters using FPGA-based dual pulse width modulation. Journal of Power Electronics, 2021, 21, 1669-1679.	1.5	7
5	Multi Open-/Short-Circuit Fault-Tolerance Using Modified SVM Technique for Three-Level HANPC Converters. IEEE Transactions on Power Electronics, 2021, 36, 13621-13633.	7.9	24
6	Open Circuit Fault Diagnosis for Multi-Level Inverters Using An Improved Current Distortion Method. , 2021, , .		4
7	Multiple-Fault-Tolerant Strategy for Three-Phase Hybrid Active Neutral Point Clamped Converters Using Enhanced Space Vector Modulation Technique. IEEE Access, 2020, 8, 180113-180123.	4.2	10
8	Open-Circuit Fault Tolerance Method for Three-Level Hybrid Active Neutral Point Clamped Converters. Electronics (Switzerland), 2020, 9, 1535.	3.1	10
9	Nonparametric Kullback-divergence-PCA for intelligent mismatch detection and power quality monitoring in grid-connected rooftop PV. Energy, 2019, 189, 116366.	8.8	23
10	Performance evaluation of hybrid adaptive neuro-fuzzy inference system models for predicting monthly global solar radiation. Applied Energy, 2018, 213, 247-261.	10.1	128
11	Flexible hybrid renewable energy system design for a typical remote village located in tropical climate. Journal of Cleaner Production, 2018, 177, 908-924.	9.3	104
12	Fault detection in a grid-connected photovoltaic system using adaptive thresholding method. Solar Energy, 2018, 174, 762-769.	6.1	19
13	Application of the hybrid ANFIS models for long term wind power density prediction with extrapolation capability. PLoS ONE, 2018, 13, e0193772.	2.5	38
14	Performance Analysis of Multi-Photovoltaic (PV)-Grid Tied Plant in Malaysia. IOP Conference Series: Earth and Environmental Science, 2018, 164, 012013.	0.3	2
15	Performance analysis of hybrid PV/diesel/battery system using HOMER: A case study Sabah, Malaysia. Energy Conversion and Management, 2017, 144, 322-339.	9.2	274
16	Energy management for a gird connected hybrid renewable energy system. , 2017, , .		2