

Luqman Maraaba

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Efficient Stator Inter-Turn Fault Diagnosis Tool for Induction Motors. <i>Energies</i> , 2018, 11, 653.	3.1	62
2	Convolutional Neural Network-Based Inter-Turn Fault Diagnosis in LSPMSMs. <i>IEEE Access</i> , 2020, 8, 81960-81970.	4.2	33
3	Mathematical Modeling, Simulation and Experimental Testing of Interior-Mount LSPMSM Under Stator Inter-Turn Fault. <i>IEEE Transactions on Energy Conversion</i> , 2019, 34, 1213-1222.	5.2	27
4	Neural Network-Based Diagnostic Tool for Detecting Stator Inter-Turn Faults in Line Start Permanent Magnet Synchronous Motors. <i>IEEE Access</i> , 2019, 7, 89014-89025.	4.2	25
5	Islanding Detection Methods for Microgrids: A Comprehensive Review. <i>Mathematics</i> , 2021, 9, 3174.	2.2	22
6	Recognition of Stator Winding Inter-Turn Fault in Interior-Mount LSPMSM Using Acoustic Signals. <i>Symmetry</i> , 2020, 12, 1370.	2.2	18
7	Modelling of interior-mount LSPMSM under asymmetrical stator winding. <i>IET Electric Power Applications</i> , 2018, 12, 693-700.	1.8	15
8	Performance Evaluation of 230 kV Polymer Insulators in the Coastal Area of Saudi Arabia. <i>IEEE Access</i> , 2020, 8, 164292-164303.	4.2	15
9	Prediction of the Levels of Contamination of HV Insulators Using Image Linear Algebraic Features and Neural Networks. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 2609-2617.	1.1	12
10	Comprehensive Parameters Identification and Dynamic Model Validation of Interior-Mount Line-Start Permanent Magnet Synchronous Motors. <i>Machines</i> , 2019, 7, 4.	2.2	10
11	Maximum Power Point Tracking Control of a Thermoelectric Generation System Using the Extremum Seeking Control Method. <i>Energies</i> , 2017, 10, 2016.	3.1	9
12	A neural network-based estimation of the level of contamination on high-voltage porcelain and glass insulators. <i>Electrical Engineering</i> , 2018, 100, 1545-1554.	2.0	9
13	An Accurate Tool for Detecting Stator Inter-Turn Fault in LSPMSM. <i>IEEE Access</i> , 2019, 7, 88622-88634.	4.2	9
14	An efficient acoustic-based diagnosis of inter-turn fault in interior mount LSPMSM. <i>Applied Acoustics</i> , 2021, 173, 107661.	3.3	6
15	Optimal Tuning of SSSC-based Supplemental Damping Controller Employing RCGA. , 2018, , .		1
16	Interactive Power Factor Management With Incentives Toward Reduction in Fuel Consumption and Carbon Emission. <i>IEEE Access</i> , 2021, 9, 168283-168291.	4.2	0