

Waseem El-Sayed

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

125
citations

1684188

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h-index

1588992

8
g-index

19
all docs

19
docs citations

19
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Diagnosis of PMSG Stator Inter-Turn Fault Using Extended Kalman Filter and Unscented Kalman Filter. <i>Energies</i> , 2020, 13, 2972.	3.1	28
2	The Effect of EMI Generated from Spread-Spectrum-Modulated SiC-Based Buck Converter on the G3-PLC Channel. <i>Electronics (Switzerland)</i> , 2021, 10, 1416.	3.1	17
3	Model Predictive Control Based PID Controller for PMSM for Propulsion Systems. , 2018, , .		12
4	Deterministic vs. Random Modulated Interference on G3 Power Line Communication. <i>Energies</i> , 2021, 14, 3257.	3.1	9
5	Comparative Analysis Between Unscented and Extended Kalman Filters for PMSG Inter-Turn Fault Detection. , 2021, , .		7
6	Current sensor optimization based on simulated transfer function under partial discharge pulses. <i>Sensors and Actuators A: Physical</i> , 2021, 329, 112825.	4.1	7
7	Electromagnetic Interference of Spread-Spectrum Modulated Power Converters in G3-PLC Power Line Communication Systems. <i>IEEE Letters on EMC Practice and Applications</i> , 2021, 3, 118-122.	1.1	6
8	Electromagnetic Interference of Power Converter with Random Modulation on the Power Line Communication System. <i>Electronics (Switzerland)</i> , 2021, 10, 2979.	3.1	6
9	Fault Tolerant Control Strategy Based on Model Predictive Control and Unscented Kalman Filter for Permanent Magnet Synchronous Motor. , 2021, , .		5
10	Reduction of Conducted Emissions in DC/DC Converters with FPGA-based Random Modulation. , 2020, , .		5
11	PMSG fault diagnosis in marine application. , 2016, , .		4
12	Prospective Analysis of the effect of Silicon based and Silicon-Carbide based Converter on G3 Power Line Communication. , 2020, , .		4
13	Influence of Random Modulated Power Converter on G3 Power Line Communication. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5550.	2.5	4
14	Experimental Analysis of a Prototype Low Speed PMSG Unit with Different Loading Conditions. , 2018, , .		3
15	Assessment of Conducted Emission for Multiple Compact Fluorescent Lamps in Various Grid Topology. <i>Electronics (Switzerland)</i> , 2021, 10, 2258.	3.1	3
16	The Influence of Commercial PC Switched Mode Power Supply Interference on the PRIME PLC Performance. , 2021, , .		3
17	IM stator winding faults diagnosis using EKF. , 2017, , .		1
18	Three Tank System Sensors and Actuators Faults Detection Employing Unscented Kalman Filter. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Net-zero-energy automated bio-diesel production unit. , 2017, , .		0