

# Waseem El-Sayed

## List of Publications by Year in descending order

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19  
papers

125  
citations

1684188

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1588992

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19  
all docs

19  
docs citations

19  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Random Modulated Power Converter on G3 Power Line Communication. Applied Sciences (Switzerland), 2022, 12, 5550.	2.5	4
2	Three Tank System Sensors and Actuators Faults Detection Employing Unscented Kalman Filter. , 2021, , .		1
3	Comparative Analysis Between Unscented and Extended Kalman Filters for PMSG Inter-Turn Fault Detection. , 2021, , .		7
4	The Effect of EMI Generated from Spread-Spectrum-Modulated SiC-Based Buck Converter on the G3-PLC Channel. Electronics (Switzerland), 2021, 10, 1416.	3.1	17
5	Deterministic vs. Random Modulated Interference on G3 Power Line Communication. Energies, 2021, 14, 3257.	3.1	9
6	Fault Tolerant Control Strategy Based on Model Predictive Control and Unscented Kalman Filter for Permanent Magnet Synchronous Motor. , 2021, , .		5
7	Assessment of Conducted Emission for Multiple Compact Fluorescent Lamps in Various Grid Topology. Electronics (Switzerland), 2021, 10, 2258.	3.1	3
8	Current sensor optimization based on simulated transfer function under partial discharge pulses. Sensors and Actuators A: Physical, 2021, 329, 112825.	4.1	7
9	Electromagnetic Interference of Spread-Spectrum Modulated Power Converters in G3-PLC Power Line Communication Systems. IEEE Letters on EMC Practice and Applications, 2021, 3, 118-122.	1.1	6
10	The Influence of Commercial PC Switched Mode Power Supply Interference on the PRIME PLC Performance. , 2021, , .		3
11	Electromagnetic Interference of Power Converter with Random Modulation on the Power Line Communication System. Electronics (Switzerland), 2021, 10, 2979.	3.1	6
12	Fault Diagnosis of PMSG Stator Inter-Turn Fault Using Extended Kalman Filter and Unscented Kalman Filter. Energies, 2020, 13, 2972.	3.1	28
13	Prospective Analysis of the effect of Silicon based and Silicon-Carbide based Converter on G3 Power Line Communication. , 2020, , .		4
14	Reduction of Conducted Emissions in DC/DC Converters with FPGA-based Random Modulation. , 2020, , .		5
15	Experimental Analysis of a Prototype Low Speed PMSG Unit with Different Loading Conditions. , 2018, , .		3
16	Model Predictive Control Based PID Controller for PMSM for Propulsion Systems. , 2018, , .		12
17	Net-zero-energy automated bio-diesel production unit. , 2017, , .		0
18	IM stator winding faults diagnosis using EKF. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	PMSG fault diagnosis in marine application. , 2016, , .		4