

# Manel Hammami

## List of Publications by Year in descending order

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docs citations

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times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Ripple-Free Output Current Interleaved DC/DC Converter Design Algorithm for EV Charging. , 2021, , .		1
2	Prediction of DC-Link Voltage Switching Ripple in Three-Phase Four-Leg PWM Inverters. Energies, 2021, 14, 1434.	3.1	1
3	AC Current Ripple in Three-Phase Four-Leg PWM Converters with Neutral Line Inductor. Energies, 2021, 14, 1430.	3.1	7
4	Phase and Neutral Current Ripple Analysis in Three-Phase Four-Wire Split-Capacitor Grid Converter for EV Chargers. Electronics (Switzerland), 2021, 10, 1016.	3.1	6
5	Variable Switching Frequency PWM for Three-Phase Four-Wire Split-Capacitor Inverter Performance Enhancement. IEEE Transactions on Power Electronics, 2021, 36, 13674-13685.	7.9	15
6	AC Current Ripple Harmonic Pollution in Three-Phase Four-Leg Active Front-End AC/DC Converter for On-Board EV Chargers. Electronics (Switzerland), 2021, 10, 116.	3.1	4
7	Analysis of Input Voltage Switching Ripple in Three-Phase Four-Wire Split Capacitor PWM Inverters. Energies, 2020, 13, 5076.	3.1	9
8	A Comprehensive AC Current Ripple Analysis and Performance Enhancement via Discontinuous PWM in Three-Phase Four-Leg Grid-Connected Inverters. Energies, 2020, 13, 4352.	3.1	18
9	Theoretical Analysis of the AC Current Ripple in Three-Phase Four-Leg Sinusoidal PWM Inverters. , 2020, , .		2
10	Evaluation of AC Current Ripple in case of Split-Capacitor Three-Phase Four Wires Inverters. , 2020, , .		3
11	Ripple Correlation Control MPPT Scheme Applied to a Three-Phase Flying Capacitor PV System. Lecture Notes in Electrical Engineering, 2020, , 13-24.	0.4	1
12	An Output Ripple-Free Fast Charger for Electric Vehicles Based on Grid-Tied Modular Three-Phase Interleaved Converters. IEEE Transactions on Industry Applications, 2019, 55, 6102-6114.	4.9	60
13	A Capacitor Voltage Balancing Approach Based on Mapping Strategy for MMC Applications. Electronics (Switzerland), 2019, 8, 449.	3.1	11
14	Three-Phase Three-Level Flying Capacitor PV Generation System with an Embedded Ripple Correlation Control MPPT Algorithm. Electronics (Switzerland), 2019, 8, 118.	3.1	7
15	On PWM Strategies and Current THD for Single- and Three-Phase Cascade H-Bridge Inverters with Non-Equal DC Sources. Energies, 2019, 12, 441.	3.1	9
16	Input Current and Voltage Ripple Analysis in LDN Cells for H-Bridge Multilevel Inverters. IEEE Transactions on Industrial Electronics, 2019, 66, 8414-8423.	7.9	6
17	Analysis of DC-Link Current and Voltage Ripple: Three-Phase Configuration. Springer Theses, 2019, , 67-87.	0.1	0
18	Analysis of DC-Link Current and Voltage Ripple: Single-Phase Configuration. Springer Theses, 2019, , 45-65.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Capacitors Voltage Switching Ripple in Three-Phase Three-Level Neutral Point Clamped Inverters with Self-Balancing Carrier-Based Modulation. <i>Energies</i> , 2018, 11, 3244.	3.1	14
20	A Ripple-Free DC Output Current Fast Charger for Electric Vehicles Based on Grid-Tied Modular Three-Phase Interleaved Converters. , 2018, , .		14
21	Capacitor Voltage Switching Ripple in Three-Phase Three-Level Neutral Point Clamped Inverters with Sinusoidal Carrier-Based PWM. , 2018, , .		1
22	Analysis of dc-Link Voltage Switching Ripple in Three-Phase PWM Inverters. <i>Energies</i> , 2018, 11, 471.	3.1	54
23	Thermal and Performance Analysis of a Photovoltaic Module with an Integrated Energy Storage System. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1107.	2.5	74
24	Theoretical and Experimental Investigation of Switching Ripple in the DC-Link Voltage of Single-Phase H-Bridge PWM Inverters. <i>Energies</i> , 2017, 10, 1189.	3.1	28
25	A Single-Phase Multilevel PV Generation System with an Improved Ripple Correlation Control MPPT Algorithm. <i>Energies</i> , 2017, 10, 2037.	3.1	15
26	A Comprehensive Analysis and Hardware Implementation of Control Strategies for High Output Voltage DC-DC Boost Power Converter. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 140.	2.7	25
27	An improved MPPT algorithm based on hybrid RCC scheme for single-phase PV systems. , 2016, , .		5
28	Analysis of Renewable Energy Power Systems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2015, , 651-686.	0.4	15
29	Improvement of the integration of a grid-connected wind-photovoltaic hybrid system. , 2013, , .		14