Mikko Routimo

List of Publications by Year in descending order

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26 papers	494 citations	1163117 8 h-index	1588992 8 g-index
26 all docs	26 docs citations	26 times ranked	374 citing authors

#	Article	IF	Citations
1	Generic PLL-Based Grid-Forming Control. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	18
2	A Universal Controller for Grid-Connected Voltage-Source Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5761-5770.	5.4	60
3	An Approach Utilizing Converters for Locating Faults in LV Distribution Grids. , 2021, , .		0
4	A Dynamic Model for Saturated Induction Machines With Closed Rotor Slots and Deep Bars. IEEE Transactions on Energy Conversion, 2020, 35, 157-165.	5.2	11
5	State-Space Control for LCL Filters: Converter Versus Grid Current Measurement. IEEE Transactions on Industry Applications, 2020, 56, 6608-6618.	4.9	8
6	Observers for Discrete-Time Current Control of Converters Equipped With an LCL Filter. , 2020, , .		1
7	Asymmetric Complex-Vector Models With Application to VSCâ€“Grid Interaction. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1911-1921.	5.4	26
8	Reference-Feedforward Power-Synchronization Control. IEEE Transactions on Power Electronics, 2020, 35, 8878-8881.	7.9	30
9	Estimation of an Unbalanced Grid Impedance Using a Three-Phase Power Converter. , 2020, , .		0
10	Control of Grid-Tied Converters for Integration of Renewable Energy Sources into the Weak Grids. , 2019, , .		7
11	EMI Standard Compliance of Three-Phase Buck Type PFC Rectifier For Application in Aircraft. , 2019, , .		5
12	Real-Time Grid Impedance Estimation Using a Converter. , 2019, , .		7
13	State-Space Control for LCL Filters: Comparison Between the Converter and Grid Current Measurements. , 2019, , .		0
14	Observer-Based Current Control for Converters with an LCL Filter: Robust Design for Weak Grids. , 2018, , .		8
15	Experiences from a back-to-back converter fed village microgrid. , 2010, , .		21
16	Flicker Mitigation With a Hybrid Compensator. IEEE Transactions on Industry Applications, 2008, 44, 1227-1238.	4.9	16
17	Comparison of Voltage-Source and Current-Source Shunt Active Power Filters. IEEE Transactions on Power Electronics, 2007, 22, 636-643.	7.9	133
18	Space Vector Modulated and Vector Controlled Vienna I Rectifier with Active Filter Function. , 2007, , .		25

#	Article	IF	Citations
19	LCL Type Supply Filter for Active Power Filter - Comparison of an Active and a Passive Method for Resonance Damping. , 2007, , .		40
20	A Simple Prediction Based Current Reference Generation Method for a Four-Wire Active Power Filter. , 2006, , .		2
21	A novel control method for wideband harmonic compensation. , 0, , .		9
22	A novel simple prediction based current reference generation method for an active power filter. , 0, , .		21
23	Wideband harmonic compensation with a voltage-source hybrid active power filter. , 0, , .		7
24	Current sensorless control of a voltage-source active power filter. , 0, , .		15
25	Comparison of Voltage-Source and Current-Source Shunt Active Power Filters. , 0, , .		19
26	Flicker Compensation with Combined Active and Passive Filters. , 0, , .		5