

Gerd Juergen Griepentrog

List of Publications by Year in descending order

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29
papers

112
citations

2258059

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29
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive Firing Algorithm for Soft Starter Driven Induction Motors. IEEE Transactions on Industrial Electronics, 2022, 69, 12152-12161.	7.9	3
2	Full-Bridge Submodule Development of an MMC-Like Topology for ASDEX Upgrade Toroidal Field Coils Power Supply. IEEE Transactions on Plasma Science, 2022, 50, 2178-2184.	1.3	3
3	High-Frequency Modeling of Delta- and Star-Connected Induction Motors. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 1533-1544.	2.2	5
4	Evaluation and simulation of the leakage current in industrial applications. , 2021, , .		4
5	Common Mode and Differential Mode Prediction in a Drive System with Transmission-Line Theory. , 2021, , .		2
6	Aircraft DC networks characterization and adaptive stage design for PLC use. , 2021, , .		2
7	Design of PCB-based planar coil inductive coupler. , 2021, , .		0
8	A Self-Sustained and Flexible Control Strategy for Islanded DC Nanogrids Without Communication Links. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 877-892.	5.4	42
9	A Parameterization of 6-Port High-Frequency Delta- and Star-Connected Induction Motor Model. , 2020, , .		3
10	Mixed-Mode Effect on Motor Common Mode Current. , 2020, , .		1
11	Loss distribution comparison of variable and fixed inductor DAB converters. , 2020, , .		2
12	Comprehensive Analysis of Converter Output Voltage for Conducted Noise Simulation. , 2019, , .		4
13	Explicit Consideration of Inverter Losses in the Cost Function for Finite Control Set Model Predictive Control of Induction Machine, Experimental Results. , 2019, , .		7
14	Self-Sensing Control of a Synchronous-Reluctance Motor with an Inverter Output Filter using the Extended Electromotive Force (eEMF). , 2019, , .		0
15	New Approach for Optimizing Inverter Losses in Finite Control Set Model Predictive Control of Induction Machine, Experimental Evaluation. , 2019, , .		0
16	Parameter Identification of PMSM based on MRAS with Considering Nonlinearity of Inverter. , 2019, , .		4
17	FPGA-Based Voltage Measurement using Delta-Sigma Modulation for a PMSM Drive. , 2019, , .		1
18	Offline Inductance Identification of PMSM using High Frequency Current Signal Injection. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	DC Short-Circuit Analysis of Three-Phase Active Infeed Converters with a Power Decoupling Circuit for LVDC-Grids. , 2018, , .		2
20	Slim DC-Link Three-Phase Converter with Full Symmetrical Sequence Current Capability for Voltage Rebalancing in Weak LV Networks. , 2018, , .		0
21	Simulation of Conducted Noise of an AC Drive by Means of Mixed Mode 6-Port Networks. , 2018, , .		3
22	Modeling, Control and Stability Analysis for a DC Nanogrid System. , 2018, , .		1
23	DC-link voltage Control for a Three-Phase Active Infeed Converter with Power Decoupling Circuit. , 2018, , .		1
24	Influences on resonances between EMI filter capacitors and the utility grid. , 2018, , .		0
25	Self-sensing method for a switched reluctance motor using delta-sigma modulators and neural networks. , 2017, , .		1
26	Modeling and control of dual active bridge converter with two control loops and output filter. , 2017, , .		10
27	A self-sustained and flexible decentralized control strategy for DC nanogrids in remote areas/islands. , 2017, , .		7
28	High frequency behavior of large passive components for HVDC applications. , 2017, , .		0
29	Prediction of harmonic current frequencies and amplitudes generated in power inductors due to saturation in ferrite and iron powder cores. , 2016, , .		0