

Gerd Juergen Griepentrog

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

112
citations

2258059

3
h-index

2272923

4
g-index

29
all docs

29
docs citations

29
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Modeling and control of dual active bridge converter with two control loops and output filter. , 2017, , .		10
3	A self-sustained and flexible decentralized control strategy for DC nanogrids in remote areas/islands. , 2017, , .		7
4	Explicit Consideration of Inverter Losses in the Cost Function for Finite Control Set Model Predictive Control of Induction Machine, Experimental Results. , 2019, , .		7
5	High-Frequency Modeling of Delta- and Star-Connected Induction Motors. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 1533-1544.	2.2	5
6	Comprehensive Analysis of Converter Output Voltage for Conducted Noise Simulation. , 2019, , .		4
7	Parameter Identification of PMSM based on MRAS with Considering Nonlinearity of Inverter. , 2019, , .		4
8	Offline Inductance Identification of PMSM using High Frequency Current Signal Injection. , 2019, , .		4
9	Evaluation and simulation of the leakage current in industrial applications. , 2021, , .		4
10	Simulation of Conducted Noise of an AC Drive by Means of Mixed Mode 6-Port Networks. , 2018, , .		3
11	A Parameterization of 6-Port High-Frequency Delta- and Star-Connected Induction Motor Model. , 2020, , .		3
12	Predictive Firing Algorithm for Soft Starter Driven Induction Motors. IEEE Transactions on Industrial Electronics, 2022, 69, 12152-12161.	7.9	3
13	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
14	DC Short-Circuit Analysis of Three-Phase Active Infeed Converters with a Power Decoupling Circuit for LVDC-Grids. , 2018, , .		2
15	Common Mode and Differential Mode Prediction in a Drive System with Transmission-Line Theory. , 2021, , .		2
16	Loss distribution comparison of variable and fixed inductor DAB converters. , 2020, , .		2
17	Aircraft DC networks characterization and adaptive stage design for PLC use. , 2021, , .		2
18	Self-sensing method for a switched reluctance motor using delta-sigma modulators and neural networks. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Modeling, Control and Stability Analysis for a DC Nanogrid System. , 2018, , .		1
20	DC-link voltage Control for a Three-Phase Active Infeed Converter with Power Decoupling Circuit. , 2018, , .		1
21	FPGA-Based Voltage Measurement using Delta-Sigma Modulation for a PMSM Drive. , 2019, , .		1
22	Mixed-Mode Effect on Motor Common Mode Current. , 2020, , .		1
23	Prediction of harmonic current frequencies and amplitudes generated in power inductors due to saturation in ferrite and iron powder cores. , 2016, , .		0
24	High frequency behavior of large passive components for HVDC applications. , 2017, , .		0
25	Slim DC-Link Three-Phase Converter with Full Symmetrical Sequence Current Capability for Voltage Rebalancing in Weak LV Networks. , 2018, , .		0
26	Influences on resonances between EMI filter capacitors and the utility grid. , 2018, , .		0
27	Self-Sensing Control of a Synchronous-Reluctance Motor with an Inverter Output Filter using the Extended Electromotive Force (eEMF). , 2019, , .		0
28	New Approach for Optimizing Inverter Losses in Finite Control Set Model Predictive Control of Induction Machine, Experimental Evaluation. , 2019, , .		0
29	Design of PCB-based planar coil inductive coupler. , 2021, , .		0