

Viktor Å unde

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

72
citations

1937685

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1720034

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19
all docs

19
docs citations

19
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Insulated-gate Bipolar Transistor Operating Temperature: Simulation and Experiment. Journal of Power Electronics, 2013, 13, 729-736.	1.5	21
2	Algorithm with temperature-dependent maximum charging current of a supercapacitor module in a tram regenerative braking system. Journal of Energy Storage, 2021, 36, 102378.	8.1	11
3	Solar Irradiance Forecast Based on Cloud Movement Prediction. Energies, 2021, 14, 3775.	3.1	8
4	Route Profile Dependent Tram Regenerative Braking Algorithm with Reduced Impact on the Supply Network. Energies, 2021, 14, 2411.	3.1	5
5	HIL Simulation of a Tram Regenerative Braking System. Electronics (Switzerland), 2021, 10, 1379.	3.1	5
6	Supercapacitor Stack Active Voltage Balancing Circuit Based on Dual Active Full Bridge Converter with Selective Low Voltage Side. , 2020, , .		5
7	Undergraduate Power Electronics Laboratory - Applying TSMST Method. Journal of Power Electronics, 2010, 10, 621-627.	1.5	4
8	Model of three level neutral point clamped converter (NPC) for grid connected photovoltaic systems. , 2015, , .		3
9	Power converter circuits for recuperation of the regenerative braking energy in rail vehicles. , 2019, , .		3
10	Optimizing braking energy flow through charging status surface expansion. Engineering Review, 2020, 41, 129-140.	0.5	3
11	Algorithm for fast determination of LiFePO4 battery nominal current. , 2014, , .		1
12	Computationally Efficient Set-based Predictive Control for Grid-tied Inverters. , 2021, , .		1
13	Modeling and Predictive Control of LLC Resonant Converter for Solar Powered E-Bicycle Charging Station. , 2021, , .		1
14	Control methods for Line-interactive Uninterruptible Power Supply with Shunt Active Power Filter Function. , 2020, , .		1
15	Effects of dead time and semiconductor device voltage drops of output voltage of multilevel converters. , 2015, , .		0
16	A generalized time domain pulse width modulation spectrum calculation method. , 2016, , .		0
17	Analysis of Resonant Component Tolerances Influence on the Current Imbalance of a Multiphase Interleaved Resonant Converter. , 2021, , .		0
18	UPS with PFC input stage for railway applications with improved immunity on input overvoltage and energy strikes. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	High Step-down Converters for Battery Charging in Photovoltaic Applications. , 2021, , .		0