

Jelena Loncarski

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of PWM Voltage Waveforms in High-Speed Drives: A Survey on High-Frequency Motor Models and Partial Discharge Phenomenon. <i>Energies</i> , 2022, 15, 1406.	3.1	8
2	Impact of a Stationary Energy Storage System in a DC Trolleybus Network. , 2022, , .		5
3	Overvoltage Mitigation Techniques for SiC-MOSFET based High-Speed Drives: Comparison of Active Gate Driver and Output dv/dt Filter. , 2021, , .		2
4	Machine learning-based design support system for the prediction of heterogeneous machine parameters in industry 4.0. <i>Expert Systems With Applications</i> , 2020, 140, 112869.	7.6	61
5	SiC-MOSFET and Si-IGBT-Based dc-dc Interleaved Converters for EV Chargers: Approach for Efficiency Comparison with Minimum Switching Losses Based on Complete Parasitic Modeling. <i>Energies</i> , 2020, 13, 4585.	3.1	12
6	Efficiency, Cost and Volume Comparison of Si-IGBT Based T-NPC and 2-Level SiC-MOSFET Based Topology With dv/dt Filter for High Speed Drives. , 2020, , .		6
7	Analytical and Simulation Fair Comparison of Three Level Si IGBT Based NPC Topologies and Two Level SiC MOSFET Based Topology for High Speed Drives. <i>Energies</i> , 2019, 12, 4571.	3.1	17
8	Operation Analysis and Comparison of T-type NPC Si IGBT and SiC MOSFET Inverter-Based Highspeed Drives. , 2019, , .		3
9	Operation analysis and comparison of Multilevel Si IGBT and 2-level SiC MOSFET inverter-based high-speed drives with long power cable. , 2019, , .		6
10	Heuristic Approach for Warehouse Resources and Production Planning Optimization: An Industry Case Study. , 2019, , .		0
11	An Innovative Design Support System for Industry 4.0 Based on Machine Learning Approaches. , 2018, , .		10
12	Machine Learning approach for Predictive Maintenance in Industry 4.0. , 2018, , .		123
13	Interconnection strategies of point absorber type wave energy converters and rectifier units. , 2018, , .		0
14	Cyber Physical Systems for Industry 4.0: Towards Real Time Virtual Reality in Smart Manufacturing. <i>Lecture Notes in Computer Science</i> , 2018, , 422-434.	1.3	19
15	Analysis and Minimization of Output Current Ripple for Discontinuous Pulse-Width Modulation Techniques in Three-Phase Inverters. <i>Energies</i> , 2016, 9, 380.	3.1	4
16	Development of Power Electronics Based Test Platform for Characterization and Testing of Magnetocaloric Materials. <i>Advances in Electrical Engineering</i> , 2015, 2015, 1-7.	1.1	1
17	DC-link stress analysis for the grid connection of point absorber type wave energy converters. , 2015, , .		1
18	Comparison of Output Current Ripple in Single and Dual Three-Phase Inverters for Electric Vehicle Motor Drives. <i>Energies</i> , 2015, 8, 3832-3848.	3.1	21

#	ARTICLE	IF	CITATIONS
19	Analysis and Comparison of Peak-to-Peak Current Ripple in Two-Level and Multilevel PWM Inverters. IEEE Transactions on Industrial Electronics, 2015, 62, 2721-2730.	7.9	102
20	Analysis of the Current Ripple in Three-Phase Two-Level VSIs. Springer Theses, 2014, , 5-31.	0.1	0
21	Examples of Application. Springer Theses, 2014, , 117-125.	0.1	0
22	Implementation of carrier-based optimized centered PWM in three-phase three-level inverters. , 2014, , .		0
23	Analytical evaluation of output current ripple amplitude in threeâ€phase threeâ€level inverters. IET Power Electronics, 2014, 7, 2258-2268.	2.1	20
24	Simplified implementation of optimised carrierâ€based PWM in threeâ€level inverters. Electronics Letters, 2014, 50, 631-633.	1.0	13
25	Comparison of peak-to-peak current ripple amplitude in multiphase PWM voltage source inverters. , 2013, , .		17
26	Evaluation of current ripple amplitude in five-phase PWM voltage source inverters. , 2013, , .		8
27	Analysis of Peak-to-Peak Current Ripple Amplitude in Seven-Phase PWM Voltage Source Inverters. Energies, 2013, 6, 4429-4447.	3.1	13
28	Effects of current ripple on dead-time distortion in three-phase voltage source inverters. , 2012, , .		20