

Lukasz Jan Niewiara

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	State Feedback Speed Control with Periodic Disturbances Attenuation for PMSM Drive. Energies, 2022, 15, 587.	3.1	10
2	Identification of mechanical parameters in servo-drive system. , 2021, , .		9
3	Application of load torque observer for ground quality identification in a wheeled mobile robot. , 2021, , .		0
4	Gain-Scheduled State Feedback Speed Control of Synchronous Reluctance Motor. , 2021, , .		5
5	Operating analysis of SiC DC/DC power converter for synchronous and asynchronous modulation. , 2021, , .		0
6	Artificial Neural Network-Based Gain-Scheduled State Feedback Speed Controller for Synchronous Reluctance Motor. Power Electronics and Drives, 2021, 6, 276-288.	0.9	3
7	Local Path Planning for Autonomous Mobile Robot Based on APF-BUG Algorithm with Ground Quality Indicator. Advances in Intelligent Systems and Computing, 2020, , 979-990.	0.6	8
8	Application of State Feedback Controller with Feedforward for velocity ripples reduction of PMSM drive at low speed operation. , 2019, , .		2
9	Gain-scheduled constrained state feedback control of DC-DC buck power converter. IET Power Electronics, 2018, 11, 735-743.	2.1	12
10	Jednofazowy mostkowy przekształtnik DC-AC z tranzystorami GaN GIT. Przegląd Elektrotechniczny, 2018, 1, 113-117.	0.2	0
11	DC-DC power converter with Gallium Nitride Gate Injection Transistors. , 2017, , .		2
12	Application of DC/DC/AC dual voltage source inverter for current harmonics reduction in PMSM drive. , 2017, , .		8
13	Constrained state feedback control of DC-DC power converter based on model predictive approach. , 2016, , .		6
14	DC-DC converter based on silicon carbide (SiC) power devices with P+ based current controller. Przegląd Elektrotechniczny, 2016, 1, 20-26.	0.2	0
15	9 kW SiC MOSFET based DC/DC converter. , 2015, , .		4
16	Torque ripple minimization for PMSM using voltage matching circuit and neural network based adaptive state feedback control. , 2014, , .		15