

Pavol Makys

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

179
citations

1478505

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docs citations

20
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorless Speed Control of Brushed DC Motor Based at New Current Ripple Component Signal Processing. <i>Energies</i> , 2021, 14, 5359.	3.1	8
2	Power losses analysis in MOSFET 3-phase high current power inverter for automotive application area. <i>Transportation Research Procedia</i> , 2019, 40, 571-578.	1.5	2
3	Effect of Saturation on Field Oriented Control of the New Designed Reluctance Synchronous Motor. <i>Energies</i> , 2018, 11, 3223.	3.1	8
4	Fault diagnosis and tolerant control for power converter in SRM drives. <i>Journal of Engineering</i> , 2018, 2018, 546-551.	1.1	21
5	Control of switched reluctance motor by current profiling under normal and open phase operating condition. <i>IET Electric Power Applications</i> , 2017, 11, 548-556.	1.8	30
6	Vector Control Techniques for Traction Drive with Induction Machines - Comparison. <i>Procedia Engineering</i> , 2017, 192, 851-856.	1.2	6
7	Power converter fault diagnosis of switched reluctance motor drives using high-frequency signal injection. , 2017, , .		10
8	Energy Near-Optimal Control Strategies for Industrial and Traction Drives with a.c. Motors. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-22.	1.1	9
9	A Novel Concept of Short-Flux Path Switched Reluctance Motor for Electrical Vehicles. <i>Advances in Electrical and Electronic Engineering</i> , 2015, 13, .	0.3	6
10	Design of fault tolerant control technique for SRM drive. , 2014, , .		6
11	Optimization of switched reluctance motor design procedure for electrical vehicles. , 2014, , .		19
12	A novel design conception of Switched Reluctance Motor for electrical vehicles. , 2014, , .		6
13	Influence of static friction and stick-slip phenomena on control quality of SMPM. , 2012, , .		0
14	Experimental verification of new energy saving position control algorithm for AC drives. , 2012, , .		1
15	Static and dynamic fault analysis of Switched Reluctance Motor. , 2012, , .		14
16	Feedforward Control of Electrical Drives - Rules and Limits. <i>Advances in Electrical and Electronic Engineering</i> , 2011, 9, .	0.3	5
17	An Elimination of Resonance in Electric Drives. <i>Advances in Electrical and Electronic Engineering</i> , 2011, 9, .	0.3	1
18	Control of flexible drive with PMSM employing forced dynamics. , 2008, , .		10

#	ARTICLE	IF	CITATIONS
19	Comparison of sliding mode and forced dynamics control of electric drive with a flexible coupling employing PMSM. , 2008, , .		17
20	Shaft Sensorless Speed Control of Induction Motor Drive. , 2006, , .		0