

# Pavol Makys

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

179  
citations

1478505

6  
h-index

1372567

10  
g-index

20  
all docs

20  
docs citations

20  
times ranked

156  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Shaft Sensorless Speed Control of Induction Motor Drive. , 2006, , .		0
20	Influence of static friction and stick-slip phenomena on control quality of SMPM. , 2012, , .		0