

# Mariusz Korkosz

## List of Publications by Year in descending order

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32  
papers

125  
citations

1684188

5  
h-index

1720034

7  
g-index

32  
all docs

32  
docs citations

32  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of design process of BLDC motor for aircraft hybrid drive. , 2011, , .		13
2	Complex Performance Analysis and Comparative Study of Very High-Speed Switched Reluctance Motors. IEEE Transactions on Magnetics, 2019, 55, 1-14.	2.1	12
3	Modelling and experimental research of fault-tolerant dual-channel brushless DC motor. IET Electric Power Applications, 2018, 12, 787-796.	1.8	11
4	An analysis of properties of the BLDC motor for unmanned aerial vehicle hybrid drive. , 2015, , .		9
5	Analysis of Open-Circuit Fault in Fault-Tolerant BLDC Motors with Different Winding Configurations. Energies, 2020, 13, 5321.	3.1	8
6	Influence of an end-winding size on proximity losses in a high-speed PM synchronous motor. , 2015, , .		7
7	A two-phase switched reluctance motor with asymmetrical rotor for a high-speed drive. , 2015, , .		6
8	Multilevel converter for high-voltage high-speed switched reluctance motor. , 2018, , .		6
9	Performance analysis of Switched Reluctance Motor with asymmetric stator. , 2011, , .		5
10	Control method of high-speed switched reluctance motor with an asymmetric rotor magnetic circuit. Archives of Electrical Engineering, 2016, 65, 685-701.	1.0	5
11	The analysis of influence of stator slot opening on multipole axial flux motor characteristics. , 2018, , .		5
12	Diagnosis of the Static Excitation Systems of Synchronous Generators with the Use of Hardware-In-the-Loop Technologies. Energies, 2021, 14, 6937.	3.1	5
13	A two-phase switched reluctance motor with reduced stator pole-arc. , 2015, , .		4
14	A study of dual-channel brushless DC motor with permanent magnets. , 2016, , .		4
15	A three-phase switched reluctance motor for a highspeed drive. , 2016, , .		3
16	The Analysis of the Performance of the Selected Axial Flux Motor Design. , 2018, , .		3
17	Comparative Analysis of Fault-Tolerant Dual-Channel BLDC and SR Motors. Energies, 2019, 12, 2489.	3.1	3
18	Frequency analysis in fault detection of dual-channel BLDC motors with combined star-delta winding. IET Electric Power Applications, 2021, 15, 824-836.	1.8	3

#	ARTICLE	IF	CITATIONS
19	The impact of parameter control on the characteristics of switched reluctance motor designed for small electric vehicle drive. , 2015, , .		2
20	An analysis of operation of brushless DC machine used in unmanned aerial vehicle hybrid drive. , 2015, , .		2
21	An analysis of influence of open-winding faults on properties of brushless DC motor with permanent magnets. , 2017, , .		2
22	Comparative Study of the Performance of Brushless DC Motor with Permanent Magnets Under Classic and Dual-Channel Operation. , 2018, , .		2
23	Analysis Performance of SRM Based on the Novel Dependent Torque Control Method. Energies, 2021, 14, 8203.	3.1	2
24	Modelling and performance analysis of dual-channel switched reluctance motor. Archives of Electrical Engineering, 2015, 64, 89-105.	1.0	1
25	The analysis of flux characteristics of Dual-Channel BLDC machine. , 2017, , .		1
26	The Fault-Tolerant Quad-Channel Brushless Direct Current Motor. Energies, 2019, 12, 3667.	3.1	1
27	Chosen research results of switched reluctance motor with asymmetric stator magnetic circuit. , 2015, , .		0
28	The analysis of high-speed multi-pole brushless motor with permanent magnets for hybrid drive of unmanned aerial vehicle. , 2017, , .		0
29	Research of influence of open-winding faults on properties of brushless permanent magnets motor. Open Physics, 2017, 15, 959-964.	1.7	0
30	Control of Hybrid Drive for Unmanned Aerial Vehicle. , 2018, , .		0
31	Analysis of selected fault states of 12/8 switched reluctance motors. , 2019, , .		0
32	Frequency Analysis of Partial Short-Circuit Fault in BLDC Motors with Combined Star-Delta Winding. Energies, 2022, 15, 196.	3.1	0