

Shi Jin

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-tolerant control of an open-winding brushless doubly-fed wind power generator system with dual three-level converter. <i>Frontiers in Energy</i> , 2023, 17, 149-164.	2.3	0
2	Electromagnetic Design and Analysis of Low Speed Synchronous Motor with Dual-Stator and Permanent Magnet-Reluctance composite Rotor. , 2022, , .		2
3	Electromagnetic and mechanical design of module dual stator brushless doubly fed generator for offshore wind turbine. <i>IET Renewable Power Generation</i> , 2021, 15, 631-640.	3.1	0
4	Fault-tolerant control strategy of open-winding brushless doubly fed wind power generator based on direct power control. <i>IET Electric Power Applications</i> , 2021, 15, 799-810.	1.8	2
5	Novel rotor design of dual-stator brushless doubly fed generator based on surrogate model. <i>IET Renewable Power Generation</i> , 2021, 15, 2033-2041.	3.1	1
6	Finite Element Calculation of Radial Electromagnetic Force of Permanent Magnet Synchronous Motor. , 2021, , .		0
7	Optimization Analysis of Rotor Structure Parameters on Permanent Magnet Assisted Reluctance Synchronous Motor. , 2021, , .		1
8	Novel space vector PWM technology with lower common-mode voltage for dual three-phase PMSM. <i>IET Power Electronics</i> , 2020, 13, 1426-1433.	2.1	9
9	Electromagnetic and Structural Design of a Novel Low-Speed High-Torque Motor With Dual-Stator and PM-Reluctance Rotor. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-5.	1.7	11
10	Improved Sliding-mode Observer for Sensorless Control of High Speed Permanent Magnet Synchronous Motor. , 2020, , .		7
11	Predictive Direct Power Control Strategy for Dual-stator Brushless Doubly-Fed Wind Power Generator. , 2020, , .		0
12	Speed Sensorless Control for Novel Dual-stator Low-speed High-torque Synchronous Motor with Hybrid Rotor. , 2020, , .		0
13	Influence of Slot Combination on Performance of Brushless Doubly Fed Generator With Hybrid Rotor. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-6.	2.1	9
14	Design and Research of Tubular Frequency Multiplication Permanent Magnet Linear Oscillation Generator. , 2019, , .		0
15	Magnetic Circuit Model and Finite Element Analyze of Stator Excitation Transverse Flux High Speed Permanent Magnet Synchronous Machine. , 2019, , .		1
16	Electromagnetic Design and Analysis of Single Hybrid Rotor Double Stator Low Speed Motor. , 2019, , .		2
17	Design and Performance Analysis of Dual-Stator Brushless Doubly-Fed Machine With Cage-Barrier Rotor. <i>IEEE Transactions on Energy Conversion</i> , 2019, 34, 1347-1357.	5.2	13
18	Optimized Power Error Comparison Strategy for Direct Power Control of the Open-Winding Brushless Doubly Fed Wind Power Generator. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 2005-2014.	8.8	14

#	ARTICLE	IF	CITATIONS
19	A Novel Thermal Network Model Used for Temperature Calculation and Analysis on Brushless Doubly-Fed Generator With Winding Encapsulating Structure. IEEE Transactions on Industry Applications, 2019, 55, 1473-1483.	4.9	11
20	Design and Performance Comparisons of Brushless Doubly Fed Generators With Different Rotor Structures. IEEE Transactions on Industrial Electronics, 2019, 66, 631-640.	7.9	59
21	Controller Strategy for Open-Winding Brushless Doubly Fed Wind Power Generator With Common Mode Voltage Elimination. IEEE Transactions on Industrial Electronics, 2019, 66, 1098-1107.	7.9	20
22	Dual Two-Level Converters Based on Direct Power Control for an Open-Winding Brushless Doubly-Fed Reluctance Generator. IEEE Transactions on Industry Applications, 2017, 53, 3898-3906.	4.9	16
23	Research on harmonic current suppression technology of permanent magnet synchronous motor based on surrogate mode. , 2017, , .		4
24	Parameter independent vector control of brushless Doubly-fed reluctance generators. , 2016, , .		0
25	Direct power control with common mode voltage elimination for open-winding brushless doubly-fed wind power generators. , 2016, , .		0
26	Performance comparison of direct power control for brushless doubly-fed wind power generator with different control winding structure. , 2016, , .		4
27	Research of a Novel Brushless Doubly-Fed Generator With Hybrid Rotor. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	18
28	Losses calculation and temperature field analysis of electrically excited brushless synchronous motor. , 2015, , .		1
29	Research on the open winding strategy of brushless doubly-fed generator. , 2014, , .		1
30	Maximum power point tracking control of brushless doubly-fed wind power generator with open winding fed by dual two-level inverters. , 2014, , .		0
31	Performance of brushless doubly-fed synchronous generator with hybrid rotor. , 2013, , .		0
32	Modeling and SVPWM strategy of a novel dual-inverter-fed open-winding brushless doubly-fed generator for wind applications. , 2013, , .		1
33	Electromagnetic design and dynamic performance study of electrically excited brushless synchronous motor. , 2013, , .		0
34	L ₂ robust control for brushless doubly-fed wind power generator. , 2009, , .		0
35	H _∞ robust control for VSCF brushless doubly-fed wind power generator system. , 2009, , .		2
36	Speed sensorless direct torque control of brushless doubly-fed generator for wind power generation. , 2009, , .		4