Shi Jin

List of Publications by Year
in descending order

36 papers	213 citations	1040056 9 h-index	1199594 12 g-index
36 all docs	36 docs citations	36 times ranked	184 citing authors

#	Article	IF	Citations
1	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
2	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
3	Research of a Novel Brushless Doubly-Fed Generator With Hybrid Rotor. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	18
4	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
5	Optimized Power Error Comparison Strategy for Direct Power Control of the Open-Winding Brushless Doubly Fed Wind Power Generator. IEEE Transactions on Sustainable Energy, 2019, 10, 2005-2014.	8.8	14
6	Design and Performance Analysis of Dual-Stator Brushless Doubly-Fed Machine With Cage-Barrier Rotor. IEEE Transactions on Energy Conversion, 2019, 34, 1347-1357.	5.2	13
7	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
8	Electromagnetic and Structural Design of a Novel Low-Speed High-Torque Motor With Dual-Stator and PM-Reluctance Rotor. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	11
9	Influence of Slot Combination on Performance of Brushless Doubly Fed Generator With Hybrid Rotor. IEEE Transactions on Magnetics, 2019, 55, 1-6.	2.1	9
10	Novel space vector PWM technology with lower commonâ€mode voltage for dual threeâ€phase PMSM. IET Power Electronics, 2020, 13, 1426-1433.	2.1	9
11	Improved Sliding-mode Observer for Sensorless Control of High Speed Permanent Magnet Synchronous Motor. , 2020, , .		7
12	Speed sensorless direct torque control of brushless doubly-fed generator for wind power generation. , 2009, , .		4
13	Performance comparison of direct power control for brushless doubly-fed wind power generator with different control winding structure. , 2016, , .		4
14	Research on harmonic current suppression technology of permanent magnet synchronous motor based on surrogate mode. , 2017, , .		4
15	H<inf>∞</inf> robust control for VSCF brushless doubly-fed wind power generator system. , 2009, , .		2
16	Electromagnetic Design and Analysis of Single Hybrid Rotor Double Stator Low Speed Motor. , 2019, , .		2
17	Faultâ€tolerant control strategy of openâ€winding brushless doubly fed wind power generator based on direct power control. IET Electric Power Applications, 2021, 15, 799-810.	1.8	2
18	Electromagnetic Design and Analysis of Low Speed Synchronous Motor with Dual-Stator and Permanent Magnet-Reluctance composite Rotor. , 2022, , .		2

#	Article	IF	Citations
19	Modeling and SVPWM strategy of a novel dual-inverter-fed open-winding brushless doubly-fed generator for wind applications. , 2013, , .		1
20	Research on the open winding strategy of brushless doubly-fed generator. , 2014, , .		1
21	Losses calculation and temperature field analysis of electrically excited brushless synchronous motor. , 2015, , .		1
22	Magnetic Circuit Model and Finite Element Analyze of Stator Excitation Transverse Flux High Speed Permanent Magnet Synchronous Machine. , 2019, , .		1
23	Novel rotor design of dualâ€stator brushless doubly fed generator based on surrogate model. IET Renewable Power Generation, 2021, 15, 2033-2041.	3.1	1
24	Optimization Analysis of Rotor Structure Parameters on Permanent Magnet Assisted Reluctance Synchronous Motor. , 2021, , .		1
25	L<inf>2</inf> robust control for brushless doubly-fed wind power generator. , 2009, , .		0
26	Performance of brushless doubly-fed synchronous generator with hybrid rotor. , 2013, , .		0
27	Electromagnetic design and dynamic performance study of electrically excited brushless synchronous motor. , 2013, , .		0
28	Maximum power point tracking control of brushless doubly-fed wind power generator with open winding fed by dual two-level inverters. , 2014, , .		0
29	Parameter independent vector control of brushless Doubly-fed reluctance generators. , 2016, , .		0
30	Direct power control with common mode voltage elimination for open-winding brushless doubly-fed wind power generators. , 2016, , .		0
31	Design and Research of Tubular Frequency Multiplication Permanent Magnet Linear Oscillation Generator. , 2019, , .		0
32	Electromagnetic and mechanical design of module dual stator brushless doublyâ€fed generator for offshore wind turbine. IET Renewable Power Generation, 2021, 15, 631-640.	3.1	0
33	Fault-tolerant control of an open-winding brushless doubly-fed wind power generator system with dual three-level converter. Frontiers in Energy, 2023, 17, 149-164.	2.3	0
34	Predictive Direct Power Control Strategy for Dual-stator Brushless Doubly-Fed Wind Power Generator. , 2020, , .		0
35	Speed Sensorless Control for Novel Dual-stator Low-speed High-torque Synchronous Motor with Hybrid Rotor. , 2020, , .		0
36	Finite Element Calculation of Radial Electromagnetic Force of Permanent Magnet Synchronous Motor. , 2021, , .		0