Shiyi Shao

List of Publications by Year
in descending order

25	1,007	840776 11	1199594 12
papers	citations	h-index	g-index

25	25	25	445
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stator-Flux-Oriented Vector Control for Brushless Doubly Fed Induction Generator. IEEE Transactions on Industrial Electronics, 2009, 56, 4220-4228.	7.9	229
2	Crowbarless Fault Ride-Through of the Brushless Doubly Fed Induction Generator in a Wind Turbine Under Symmetrical Voltage Dips. IEEE Transactions on Industrial Electronics, 2013, 60, 2833-2841.	7.9	116
3	Analysis and Enhancement of Low-Voltage Ride-Through Capability of Brushless Doubly Fed Induction Generator. IEEE Transactions on Industrial Electronics, 2013, 60, 1146-1155.	7.9	87
4	Dynamic Control of the Brushless Doubly Fed Induction Generator Under Unbalanced Operation. IEEE Transactions on Industrial Electronics, 2013, 60, 2465-2476.	7.9	81
5	Low-Cost Variable Speed Drive Based on a Brushless Doubly-Fed Motor and a Fractional Unidirectional Converter. IEEE Transactions on Industrial Electronics, 2012, 59, 317-325.	7.9	79
6	Performance analysis and testing of a 250ÂkW mediumâ€speed brushless doublyâ€fed induction generator. IET Renewable Power Generation, 2013, 7, 631-638.	3.1	71
7	Asymmetrical Low-Voltage Ride Through of Brushless Doubly Fed Induction Generators for the Wind Power Generation. IEEE Transactions on Energy Conversion, 2013, 28, 502-511.	5.2	59
8	Generalized Vector Control for Brushless Doubly Fed Machines With Nested-Loop Rotor. IEEE Transactions on Industrial Electronics, 2013, 60, 2477-2485.	7.9	55
9	Generalized Vector Model for the Brushless Doubly-Fed Machine With a Nested-Loop Rotor. IEEE Transactions on Industrial Electronics, 2011, 58, 2313-2321.	7.9	40
10	Emulation and Control Methods for Direct Drive Linear Wave Energy Converters. IEEE Transactions on Industrial Informatics, 2013, 9, 790-798.	11.3	28
11	Dynamic analysis of the Brushless Doubly-Fed Induction Generator during symmetrical three-phase voltage dips. , 2009, , .		26
12	Dynamic modelling of the brushless doubly fed machine. IET Electric Power Applications, 2013, 7, 544-556.	1.8	25
13	Practical deployment of the Brushless Doubly-Fed Machine in a medium scale wind turbine. , 2009, , .		18
14	Stable Operation of the Brushless Doubly-Fed Machine (BDFM). , 2007, , .		16
15	Performance Characterisation of Brushless Doubly-Fed Generator. , 2008, , .		14
16	The Brushless Doubly-Fed Machine Vector Model in the rotor flux oriented reference frame. , 2008, , .		12
17	Symmetrical Low Voltage Ride-Through of the Brushless Doubly-Fed Induction Generator. , 2011, , .		12
18	Vector control of the Brushless Doubly-Fed Machine for wind power generation. , 2008, , .		10

#	Article	IF	Citations
19	Operation of brushless doubly-fed machine for drive applications. , 2008, , .		10
20	Recent Advances of Control Technologies for Brushless Doubly-Fed Generators. IEEE Access, 2021, 9, 123324-123347.	4.2	8
21	A new vector control scheme for the Brushless Doubly Fed Induction machine in shaft generation. , 2015, , .		7
22	Synchronous operation control of the Brushless Doubly-Fed Machine. , 2010, , .		4
23	A novel vector control approach for Single Phase Brushless Doubly Fed Machine. , 2011, , .		0
24	Smooth transfer between the grid-connected mode and stand-alone mode in a marine shaft generation system. , 2016, , .		0
25	Design and Practical Verification of a Common DC Bus Power System in a Research Vessel. , 2019, , .		0