

Shiyi Shao

List of Publications by Year in descending order

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25
papers

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citations

840776

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docs citations

25
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances of Control Technologies for Brushless Doubly-Fed Generators. IEEE Access, 2021, 9, 123324-123347.	4.2	8
2	Design and Practical Verification of a Common DC Bus Power System in a Research Vessel. , 2019, , .		0
3	Smooth transfer between the grid-connected mode and stand-alone mode in a marine shaft generation system. , 2016, , .		0
4	A new vector control scheme for the Brushless Doubly Fed Induction machine in shaft generation. , 2015, , .		7
5	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
6	Dynamic modelling of the brushless doubly fed machine. IET Electric Power Applications, 2013, 7, 544-556.	1.8	25
7	Performance analysis and testing of a 250kW medium-speed brushless doubly-fed induction generator. IET Renewable Power Generation, 2013, 7, 631-638.	3.1	71
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	Dynamic Control of the Brushless Doubly Fed Induction Generator Under Unbalanced Operation. IEEE Transactions on Industrial Electronics, 2013, 60, 2465-2476.	7.9	81
10	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
11	Emulation and Control Methods for Direct Drive Linear Wave Energy Converters. IEEE Transactions on Industrial Informatics, 2013, 9, 790-798.	11.3	28
12	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
13	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
14	Symmetrical Low Voltage Ride-Through of the Brushless Doubly-Fed Induction Generator. , 2011, , .		12
15	A novel vector control approach for Single Phase Brushless Doubly Fed Machine. , 2011, , .		0
16	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
17	Synchronous operation control of the Brushless Doubly-Fed Machine. , 2010, , .		4
18	Stator-Flux-Oriented Vector Control for Brushless Doubly Fed Induction Generator. IEEE Transactions on Industrial Electronics, 2009, 56, 4220-4228.	7.9	229

#	ARTICLE	IF	CITATIONS
19	Practical deployment of the Brushless Doubly-Fed Machine in a medium scale wind turbine. , 2009, , .		18
20	Dynamic analysis of the Brushless Doubly-Fed Induction Generator during symmetrical three-phase voltage dips. , 2009, , .		26
21	Vector control of the Brushless Doubly-Fed Machine for wind power generation. , 2008, , .		10
22	The Brushless Doubly-Fed Machine Vector Model in the rotor flux oriented reference frame. , 2008, , .		12
23	Performance Characterisation of Brushless Doubly-Fed Generator. , 2008, , .		14
24	Operation of brushless doubly-fed machine for drive applications. , 2008, , .		10
25	Stable Operation of the Brushless Doubly-Fed Machine (BDFM). , 2007, , .		16