Xi Chen

List of Publications by Year
in descending order

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9 papers	186 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	177 citing authors

#	ARTICLE	IF	CITATIONS
1	China in global wind power development: Role, status and impact. Renewable and Sustainable Energy Reviews, 2020, 127, 109881.	16.4	75
2	Bearing Corrosion Failure Diagnosis of Doubly Fed Induction Generator in Wind Turbines Based on Stator Current Analysis. IEEE Transactions on Industrial Electronics, 2020, 67, 3419-3430.	7.9	33
3	Proximate Standing Wave Feature of Magnetic Field and its Influence on the Performance of Wound Rotor Brushless Doubly-Fed Machine. IEEE Transactions on Energy Conversion, 2017, 32, 296-308.	5.2	25
4	Multiphysics Design and Multiobjective Optimization for High-Speed Permanent Magnet Machines. IEEE Transactions on Transportation Electrification, 2020, 6, 1084-1092.	7.8	24
5	Generalized Design Method of the Three-Phase Y-Connected Wound Rotor for Both Additive Modulation and Differential Modulation Brushless Doubly Fed Machines. IEEE Transactions on Energy Conversion, 2021, 36, 1940-1952.	5.2	8
6	Bidirectional Harmonic Current Control of Brushless Doubly Fed Motor Drive System Based on a Fractional Unidirectional Converter Under a Weak Grid. IEEE Access, 2021, 9, 19926-19938.	4.2	7
7	Design of a Medium-Voltage High-Power Brushless Doubly Fed Motor With a Low-Voltage Fractional Convertor for the Circulation Pump Adjustable Speed Drive. IEEE Transactions on Industrial Electronics, 2022, 69, 7720-7732.	7.9	6
8	Analytical Calculation of Air-Gap Magnetic Field in Brushless Doubly-Fed Reluctance Machine With Flux Barriers. IEEE Transactions on Energy Conversion, 2022, 37, 1292-1303.	5.2	5
9	Design of a Brushless Doubly Fed Generator With Simplified Three-Phase Wound Rotor. IEEE Transactions on Industrial Electronics, 2023, 70, 4427-4439.	7.9	3