Shaoshen Xue

List of Publications by Year
in descending order

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15 papers	230 citations	1306789 7 h-index	1473754 9 g-index
15 all docs	15 docs citations	15 times ranked	247 citing authors

#	Article	IF	Citations
1	Evaluation of Iron Loss Models in Electrical Machines. IEEE Transactions on Industry Applications, 2019, 55, 1461-1472.	3.3	41
2	A New Iron Loss Model for Temperature Dependencies of Hysteresis and Eddy Current Losses in Electrical Machines. IEEE Transactions on Magnetics, 2018, 54, 1-10.	1.2	38
3	Iron loss calculation considering temperature influence in nonâ€oriented steel laminations. IET Science, Measurement and Technology, 2016, 10, 846-854.	0.9	31
4	Iron Loss Model for Electrical Machine Fed by Low Switching Frequency Inverter. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	31
5	Iron Loss Model Under DC Bias Flux Density Considering Temperature Influence. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	30
6	A Novel Modular Stator Hybrid-Excited Doubly Salient Synchronous Machine With Stator Slot Permanent Magnets. IEEE Transactions on Magnetics, 2019, 55, 1-9.	1.2	18
7	Study on the design method of high speed permanent magnet synchronous machine. , 2011, , .		14
8	Thermal-Loss Coupling Analysis of an Electrical Machine Using the Improved Temperature-Dependent Iron Loss Model. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	7
9	Evaluation of iron loss models in electrical machines. , 2017, , .		6
10	Stator Optimization of Wind Power Generators With High-Temperature Superconducting Armature Windings and Permanent Magnet Rotor. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-10.	1.1	6
11	Influence of Coil Location and Current Angle in Permanent Magnet Wind Power Generators With High-Temperature Superconducting Armature Windings. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-10.	1.1	5
12	The effect of stator slot and air gap length on High speed brushless PM motor. , 2012, , .		2
13	Multiphase permanent magnet synchronous motor PWM technology. , 2013, , .		1
14	Multiphase permanent magnet synchronous motor harmonic control base on Carrier-based PWM technology. , 2014, , .		0
15	Multiphase permanent magnet synchronous motor harmonic control based on space vector modulation. , 2014, , .		0