

Liren Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of Torque Production in Variable Flux Reluctance Machines. IEEE Transactions on Energy Conversion, 2017, 32, 1297-1308.	5.2	57
2	Contribution of Current Harmonics to Average Torque and Torque Ripple in Switched Reluctance Machines. IEEE Transactions on Magnetics, 2017, 53, 1-9.	2.1	48
3	Iron Loss Model Under DC Bias Flux Density Considering Temperature Influence. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	30
4	Investigation of Torque Production and Torque Ripple Reduction for Six-Stator/Seven-Rotor-Pole Variable Flux Reluctance Machines. IEEE Transactions on Industry Applications, 2019, 55, 2510-2518.	4.9	19
5	Torque Density Enhancement of 6/4 Variable Flux Reluctance Machine With Second-Harmonic Current Injection. IEEE Transactions on Energy Conversion, 2019, 34, 1135-1145.	5.2	16
6	Novel Current Profile of Switched Reluctance Machines for Torque Density Enhancement in Low-Speed Applications. IEEE Transactions on Industrial Electronics, 2020, 67, 9623-9634.	7.9	15
7	Rotor Shaping Method for Torque Ripple Mitigation in Variable Flux Reluctance Machines. IEEE Transactions on Energy Conversion, 2018, 33, 1579-1589.	5.2	13
8	Analysis of Stator/Rotor Pole Combinations in Variable Flux Reluctance Machines Using Magnetic Gearing Effect. IEEE Transactions on Industry Applications, 2019, 55, 1495-1504.	4.9	13
9	Comparative Analysis of Variable Flux Reluctance Machines With Double- and Single-Layer Concentrated Armature Windings. IEEE Transactions on Industry Applications, 2019, 55, 1505-1515.	4.9	10
10	Analysis of stator/rotor pole combinations in variable flux reluctance machines using magnetic gearing effect. , 2017, , .		7
11	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.	1.7	6
12	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.	1.7	5
13	Investigation of torque production and torque ripple reduction method for 6-stator/7-rotor-pole variable flux reluctance machines. , 2017, , .		2
14	Comparative analysis of variable flux reluctance machines with double- and single-layer concentrated armature windings. , 2018, , .		2
15	Analysis of power factor in variable flux reluctance machines with MMF&epsilonpermeance model. IET Electric Power Applications, 2019, 13, 614-624.	1.8	2
16	Feasible Stator/Rotor Pole Combinations of Variable Flux Reluctance Machines With Second Harmonic Current Injection Method. IEEE Transactions on Industry Applications, 2020, 56, 4785-4795.	4.9	2
17	Comparison of Torque Production and Design of Switched Reluctance and Variable Flux Reluctance Machines. , 2018, , .		1