

# Liwei Song

## List of Publications by Year in descending order

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22  
papers

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citations

1307594

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1199594

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22  
docs citations

22  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorless Control Strategy for IPMSM to Reduce Audible Noise by Variable Frequency Current Injection. IEEE Transactions on Industrial Electronics, 2020, 67, 1149-1159.	7.9	30
2	Study on Synchronization of Air-Core Compensated Pulsed Alternator Pairs. IEEE Transactions on Plasma Science, 2019, 47, 2206-2211.	1.3	2
3	A Novel Modulation for Soft-Switching Three-Phase Quasi-Z-Source Rectifier Without Auxiliary Circuit. IEEE Transactions on Industrial Electronics, 2018, 65, 5157-5166.	7.9	10
4	Improvement of maximum power point tracking for a new wind power system. , 2018, , .		1
5	Electromagnetic Design and Losses Analysis of a High-Speed Permanent Magnet Synchronous Motor with Toroidal Windings for Pulsed Alternator. Energies, 2018, 11, 562.	3.1	7
6	Maximum Power Point Tracking Strategy for a New Wind Power System and Its Design Details. IEEE Transactions on Energy Conversion, 2017, 32, 1063-1071.	5.2	21
7	High-Efficiency Control Strategy of an Air-Core Pulsed Alternator Pair. IEEE Transactions on Plasma Science, 2017, 45, 3342-3348.	1.3	2
8	A Novel Magnetic Coupling Mechanism for Dynamic Wireless Charging System for Electric Vehicles. , 2016, , .		2
9	Impact Factors for Energy Reclamation Control of an Air-Core Pulsed Alternator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	5
10	Low Current Rate Discharge with External Heating at Low Temperature. , 2015, , .		3
11	Design and Analysis of a Two-Phase Two-Axis-Compensated Compulsator. IEEE Transactions on Plasma Science, 2015, 43, 1434-1440.	1.3	7
12	Research on a New Accurate Thrust Control Strategy for Linear Induction Motor. IEEE Transactions on Plasma Science, 2015, 43, 1321-1325.	1.3	13
13	Research on the Power Management Strategy of Hybrid Electric Vehicles Based on Electric Variable Transmissions. Energies, 2014, 7, 934-960.	3.1	16
14	Electromagnetic Analysis and Design of Switched Reluctance Double-Rotor Machine for Hybrid Electric Vehicles. Energies, 2014, 7, 6665-6688.	3.1	8
15	Design and analysis of a two-phase two-axis-compensated compulsator. , 2014, , .		0
16	PPPS-2013: Multi-physics coupling field analysis of the electromagnetic rail-gun barrel. , 2013, , .		0
17	PPPS-2013: Anti-shock analysis of the electromagnetic launched missile. , 2013, , .		0
18	Optimal design of the rotor of air-core compulsator. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	Mechanical Analysis and Evaluation of Compulsator. IEEE Transactions on Plasma Science, 2011, 39, 322-327.	1.3	10
20	Research on intelligence torque control for the electrical variable transmission used in hybrid electrical vehicle. , 2011, , .		4
21	Finite element analysis and experimental studies on hybrid magnetic bearing. , 2010, , .		2
22	Reluctance torque analysis and reactance calculation of IPM for HEVs based on FEM. , 2010, , .		2