Xu Liu

List of Publications by Year
in descending order

9 papers	409 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	348 citing authors

#	Article	IF	Citations
1	A DPWM Modulation Strategy to Reduce Common-Mode Voltage for Indirect Matrix Converters Based on Active-Current Vector Amplitude Characteristics. IEEE Transactions on Industrial Electronics, 2022, 69, 8102-8112.	7.9	7
2	Flux-Weakening Control for Variable Flux Reluctance Machine Considering the Second Order Harmonic in Phase Voltage. IEEE Transactions on Energy Conversion, 2022, 37, 1096-1105.	5.2	4
3	Flux-Weakening Control for Variable Flux Reluctance Machine Excited by Zero-Sequence Current Considering Zero-Sequence Resistive Voltage Drop. IEEE Transactions on Energy Conversion, 2021, 36, 272-280.	5.2	9
4	Open-Current Vector Based SVM Strategy of Sparse Matrix Converter for Common-Mode Voltage Reduction. IEEE Transactions on Industrial Electronics, 2021, 68, 7757-7767.	7.9	13
5	A Dual-Transformer-Based Bidirectional DCâ€“DC Converter of Using Blocking Capacitor for Wide ZVS Range. IEEE Access, 2020, 8, 170568-170578.	4.2	6
6	Novel Dual-Phase-Shift Control With Bidirectional Inner Phase Shifts for a Dual-Active-Bridge Converter Having Low Surge Current and Stable Power Control. IEEE Transactions on Power Electronics, 2017, 32, 4095-4106.	7.9	97
7	Novel Stator Electrically Field Excited Synchronous Machines Without Rare-Earth Magnet. IEEE Transactions on Magnetics, 2015, 51, 1-9.	2.1	34
8	Comparative Study of Novel Variable Flux Reluctance Machines With Doubly Fed Doubly Salient Machines. IEEE Transactions on Magnetics, 2013, 49, 3838-3841.	2.1	104
9	Electromagnetic Performance of Novel Variable Flux Reluctance Machines With DC-Field Coil in Stator. IEEE Transactions on Magnetics, 2013, 49, 3020-3028.	2.1	135