Wei Hu

List of Publications by Year
in descending order

17	493	933447	940533
papers	citations	10 h-index	16 g-index

17	17	17	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Fault-Tolerant Scheme Against the Open-Switch Failure in Open-End Winding PMSM System With Isolated DC bus. IEEE Transactions on Energy Conversion, 2023, 38, 2227-2230.	5.2	6
2	Short-Time Adaline Based Fault Feature Extraction for Inter-Turn Short Circuit Diagnosis of PMSM via Residual Insulation Monitoring. IEEE Transactions on Industrial Electronics, 2023, 70, 3103-3114.	7.9	11
3	Energy-Management Strategy of Battery Energy Storage Systems in DC Microgrids: A Distributed Dynamic Event-Triggered H _{â^ž} Consensus Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5692-5701.	9.3	18
4	Common-Mode Voltage Suppression Technique for Open-End Winding PMSM System With Five Bridge Arms. IEEE Transactions on Energy Conversion, 2022, 37, 1499-1502.	5.2	3
5	Real-Time Estimation of PMSM Rotor Flux Linkage for EV Application under Steady State and Free-Running Conditions. World Electric Vehicle Journal, 2022, 13, 83.	3.0	3
6	Zero-Sequence Current Suppression Strategy With Common-Mode Voltage Control for Open-End Winding PMSM Drives With Common DC Bus. IEEE Transactions on Industrial Electronics, 2021, 68, 4691-4702.	7.9	58
7	Stability-Oriented Droop Coefficients Region Identification for Inverters Within Weak Grid: An Impedance-Based Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2258-2268.	9.3	18
8	SoC-Based Droop Coefficients Stability Region Analysis of the Battery for Stand-Alone Supply Systems With Constant Power Loads. IEEE Transactions on Power Electronics, 2021, 36, 7866-7879.	7.9	105
9	VSI Nonlinearity Compensation of a PMSM Drive System Using Deadbeat Prediction Based Current Zero-Crossing Detection. World Electric Vehicle Journal, 2021, 12, 17.	3.0	3
10	Harmonic-Separation-Based Direct Extraction and Compensation of Inverter Nonlinearity for State Observation Control of PMSM. IEEE Access, 2021, 9, 142028-142045.	4.2	5
11	Simplified Modulation Scheme for Open-End Winding PMSM System With Common DC Bus Under Open-Phase Fault Based on Circulating Current Suppression. IEEE Transactions on Power Electronics, 2020, 35, 10-14.	7.9	54
12	An Improved Modulation Technique With Minimum Switching Actions Within One PWM Cycle for Open-End Winding PMSM System With Isolated DC Bus. IEEE Transactions on Industrial Electronics, 2020, 67, 4259-4264.	7.9	40
13	Torque Ripple Suppression Method With Reduced Switching Frequency for Open-Winding PMSM Drives With Common DC Bus. IEEE Transactions on Industrial Electronics, 2019, 66, 674-684.	7.9	70
14	A Sensorless Drive Strategy for Open-End Winding PMSM With Common DC Voltage Based on Lower Switching Frequency. IEEE Transactions on Energy Conversion, 2019, 34, 1553-1562.	5.2	24
15	Zero-Sequence Current Suppression Strategy With Reduced Switching Frequency for Open-End Winding PMSM Drives With Common DC BUS. IEEE Transactions on Industrial Electronics, 2019, 66, 7613-7623.	7.9	73
16	Improved modulation method with reduced switching frequency for OWâ€PMSM system with common DC bus. Electronics Letters, 2019, 55, 1009-1012.	1.0	1
17	Evaluation of Improved SMO Control of SPMSM under DTC Scheme. , 2015, , .		1