Wentao Zhang

List of Publications by Year
in descending order

16	242	1163117 8	1125743 13
papers	citations	h-index	g-index

16	16	16	211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multisector Three-Phase PMSM Drive System With Low-Frequency and High-Frequency PWM Noise. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1639-1648.	5.4	4
2	Highâ€frequency pulse width modulation noise reduction for permanent magnet synchronous motors using hybrid asymmetrical regular sampled modified spaceâ€vector pulse width modulation. IET Power Electronics, 2021, 14, 717-725.	2.1	1
3	High-Frequency Vibration Noise Reduction with Carrier Phase-shift for Dual-Branch Three-Phase Permanent Magnet Synchronous Motors. , 2021, , .		1
4	Vibration Reduction for Dual-Branch Three-Phase Permanent Magnet Synchronous Motor With Carrier Phase-Shift Technique. IEEE Transactions on Power Electronics, 2020, 35, 607-618.	7.9	44
5	Synchronous random switching frequency modulation technique based on the carrier phase shift to reduce the PWM noise. IET Power Electronics, 2020, 13, 892-897.	2.1	12
6	Reduction of high-frequency vibration noise for dual-branch three-phase permanent magnet synchronous motors. Chinese Journal of Electrical Engineering, 2020, 6, 42-51.	3.4	22
7	Modified Single-Edge SVPWM Technique to Reduce the Switching Losses and Increase PWM Harmonics Frequency for Three-Phase VSIs. IEEE Transactions on Power Electronics, 2020, 35, 10643-10653.	7.9	16
8	Reduction method of high-frequency audible PWM noise for three-phase permanent magnet synchronous motors. Energy Reports, 2020, 6, 1123-1129.	5.1	6
9	PWM Frequency Noise Cancellation in Two-Segment Three-Phase Motor Using Parallel Interleaved Inverters. IEEE Transactions on Power Electronics, 2019, 34, 2515-2525.	7.9	39
10	Hybrid PWM noise cancellation technique to reduce switching losses for twoâ€segment threeâ€phase motor. IET Power Electronics, 2019, 12, 2128-2134.	2.1	2
11	Sliding mode observer for sensorless control of surface permanent magnet synchronous motor equipped with LC filter. IET Power Electronics, 2019, 12, 686-692.	2.1	24
12	Hybrid periodic carrier frequency modulation technique based on modified SVPWM to reduce the PWM noise. IET Power Electronics, 2019, 12, 515-520.	2.1	11
13	PWM Frequency Noise Reduction in Dual-Segment Three-Phase PMSM with Magnetically Coupled Inductors and Parallel Interleaved Inverters. , 2019, , .		1
14	Torque Ripple Reduction Based on Adaptive-Linear-Neuron Algorithm Caused by Offset Errors of Current Measurement. , 2019, , .		0
15	Hybrid RPWM Technique Based on Modified SVPWM to Reduce the PWM Acoustic Noise. IEEE Transactions on Power Electronics, 2019, 34, 5667-5674.	7.9	55
16	Overâ€current protection method for PMSM VSI with small DCâ€link capacitor. IET Power Electronics, 2018, 11, 1231-1238.	2.1	4