

Lei Yang

List of Publications by Year in descending order

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1307594

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9
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282
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Investigation of Pseudorandom High-Frequency Signal Injection Schemes for Sensorless IPMSM Drives. IEEE Transactions on Power Electronics, 2017, 32, 2123-2132.	7.9	127
2	Pseudo-Random High-Frequency Square-Wave Voltage Injection Based Sensorless Control of IPMSM Drives for Audible Noise Reduction. IEEE Transactions on Industrial Electronics, 2016, 63, 7423-7433.	7.9	104
3	Virtual Third Harmonic Back EMF-Based Sensorless Drive for High-Speed BLDC Motors Considering Machine Parameter Asymmetries. IEEE Transactions on Industry Applications, 2021, 57, 306-315.	4.9	23
4	Adaptive Threshold Correction Strategy for Sensorless High-Speed Brushless DC Drives Considering Zero-Crossing-Point Deviation. IEEE Transactions on Industrial Electronics, 2020, 67, 5246-5257.	7.9	15
5	Safety Operation Area of Zero-Crossing Detection-Based Sensorless High-Speed BLDC Motor Drives. IEEE Transactions on Industry Applications, 2020, 56, 6456-6466.	4.9	14
6	Spectral Analysis and Sideband Harmonic Cancellation of Six-Step Operation With Low Carrier-Fundamental Frequency Ratio for High-Speed Brushless DC Drives. IEEE Transactions on Industrial Electronics, 2021, 68, 7778-7792.	7.9	10
7	PWM Switching Delay Correction Method for High-Speed Brushless DC Drives. IEEE Access, 2021, 9, 81717-81727.	4.2	10
8	Safety Operation Area of Zero-Crossing Detection based Sensorless High Speed BLDC Motor Drives. , 2019, , .		3
9	Virtual Third Harmonic Back-EMF Based Sensorless Drive for High Speed BLDC Motors Considering Machine Parameter Asymmetries. , 2019, , .		3