

# Bo Shuang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved Cross-coupling Effect Compensation Method for Sensorless Control of IPMSM With High Frequency Voltage Injection. IEEE Transactions on Energy Conversion, 2022, 37, 347-358.	5.2	15
2	Simultaneous Sensorless Rotor Position and Torque Estimation for IPMSM at Standstill and Low Speed Based on High-Frequency Square Wave Voltage Injection. IEEE Transactions on Industrial Electronics, 2022, 69, 8791-8802.	7.9	1
3	A Novel Sensorless Initial Position Estimation and Startup Method. IEEE Transactions on Industrial Electronics, 2021, 68, 2964-2975.	7.9	14
4	Influences of PM Number and Shape of Spoke Array PM Flux Reversal Machines. IEEE Transactions on Energy Conversion, 2021, 36, 1131-1142.	5.2	9
5	Improved Direct Torque Control Method for Dual-Three-Phase Permanent-Magnet Synchronous Machines With Back EMF Harmonics. IEEE Transactions on Industrial Electronics, 2021, 68, 9319-9333.	7.9	25
6	A Novel Method for Estimating the High Frequency Incremental DQ-Axis and Cross-Coupling Inductances in Interior Permanent Magnet Synchronous Machines. IEEE Transactions on Industry Applications, 2021, 57, 4913-4923.	4.9	8
7	An Online Position Error Correction Method for Sensorless Control of Permanent Magnet Synchronous Machine With Parameter Mismatch. IEEE Access, 2021, 9, 135708-135722.	4.2	3
8	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