

Qipeng Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	PMSM Sensorless Control by Injecting HF Pulsating Carrier Signal Into Estimated Fixed-Frequency Rotating Reference Frame. IEEE Transactions on Industrial Electronics, 2016, 63, 2294-2303.	7.9	139
2	IPMSM Sensorless Control by Injecting Bidirectional Rotating HF Carrier Signals. IEEE Transactions on Power Electronics, 2018, 33, 10698-10707.	7.9	51
3	IPMSMs Sensorless MTPA Control Based on Virtual α -Axis Inductance by Using Virtual High-Frequency Signal Injection. IEEE Transactions on Industrial Electronics, 2020, 67, 136-146.	7.9	35
4	Multiple-Positions-Coupled Sampling Method for PMSM Three-Phase Current Reconstruction With a Single Current Sensor. IEEE Transactions on Power Electronics, 2020, 35, 699-708.	7.9	32
5	Integration of Improved Flux Linkage Observer and α Starting Method for Wide-Speed-Range Sensorless SPMSM Drives. IEEE Transactions on Power Electronics, 2020, 35, 8374-8383.	7.9	29
6	Neural-Network Based Adaptive Self-Triggered Consensus of Nonlinear Multi-Agent Systems With Sensor Saturation. IEEE Transactions on Network Science and Engineering, 2021, 8, 1531-1541.	6.4	23
7	A Combining FPE and Additional Test Vectors Hybrid Strategy for IPMSM Sensorless Control. IEEE Transactions on Power Electronics, 2018, 33, 6104-6113.	7.9	17
8	Two-Step Continuous-Control Set Model Predictive Current Control Strategy for SPMSM Sensorless Drives. IEEE Transactions on Energy Conversion, 2021, 36, 1110-1120.	5.2	15
9	A Compensation Strategy of Flux Linkage Observer in SPMSM Sensorless Drives Based on Linear Extended State Observer. IEEE Transactions on Energy Conversion, 2022, 37, 824-831.	5.2	15
10	MTPA-based high-frequency square wave voltage signal injection strategy for IPMSM control. Journal of Power Electronics, 2021, 21, 1461-1472.	1.5	3
11	Sensorless IPMSM Control Based on Improved Sliding Mode Observer by Using Synchronous Reference Frame Filter. , 2019, , .		1
12	Second Harmonic Seamless Splicing Technique Based on Maximum Active-Voltage Vector for Online MTPA Tracking Control of SynRM. IEEE Transactions on Industrial Electronics, 2022, 69, 10958-10968.	7.9	1
13	Dead Time Adaptive Expansion-Based Sensorless Restart Strategy for Free-Wheeling SPMSM Drives. IEEE Transactions on Industrial Informatics, 2022, , 1-10.	11.3	1