

# Rongkun Wang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Single-Switch Open-Circuit Diagnosis Method Based on Average Voltage Vector for Three-Level T-Type Inverter. IEEE Transactions on Power Electronics, 2021, 36, 911-921.	7.9	27
2	Linear Active Disturbance Rejection Control for DC Side Voltage of Single-Phase Active Power Filters. IEEE Access, 2019, 7, 73095-73105.	4.2	15
3	EMD Threshold Denoising Algorithm Based on Variance Estimation. Circuits, Systems, and Signal Processing, 2018, 37, 5369-5388.	2.0	13
4	Harmonic Detection for Active Power Filter Based on Two-Step Improved EEMD. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	13
5	Design and Analysis of a Novel Double-Stator Double-Rotor Motor Drive System for In-Wheel Direct Drive of Electric Vehicles. Machines, 2022, 10, 27.	2.2	8
6	Research on Multi-Loop Nonlinear Control Structure and Optimization Method of PMLSM. IEEE Access, 2019, 7, 165048-165059.	4.2	6
7	Reduction of Electromagnetic Interference for Permanent Magnet Synchronous Motor Using Random PWM Switching Method Based on Four-Switch Three-Phase Inverters. Electronics (Switzerland), 2020, 9, 1998.	3.1	4
8	A Method to Improve Torque Density in a Flux-Switching Permanent Magnet Machine. Energies, 2020, 13, 5308.	3.1	4
9	Single-Phase Phase-Locked Loop Based on Tracking Differentiator. Circuits, Systems, and Signal Processing, 2020, 39, 3787-3803.	2.0	3
10	A SVPWM algorithm based on four-switch three-phase inverter for PMSM under the imbalance of bus capacitor voltage. Journal of Power Electronics, 2021, 21, 1812-1822.	1.5	3
11	An Improved Control Strategy of PMSM Drive System with Integrated Bidirectional DC/DC. Energies, 2022, 15, 2214.	3.1	3
12	Application of An Improved GPC Algorithm in Permanent Magnet Synchronous Linear Motor Position Control System. , 2019, , .		2
13	Active Compensation of Disturbance of X-Y Motion Platform Based on LADRC. , 2019, , .		0
14	Research on Speed Sensorless Control of Permanent Magnet Linear Synchronous Motor Based on PID Neural Network. , 2019, , .		0