

# Yeqin Wang

## List of Publications by Year in descending order

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28  
papers

384  
citations

1040056

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h-index

940533

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g-index

28  
all docs

28  
docs citations

28  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Ride-Through Enhancement for Grid-Tied PV Systems With Robust Control. IEEE Transactions on Industrial Electronics, 2018, 65, 2302-2312.	7.9	66
2	Robust Power Flow Control of Grid-Connected Inverters. IEEE Transactions on Industrial Electronics, 2016, 63, 6887-6897.	7.9	58
3	UDE-Based Robust Droop Control of Inverters in Parallel Operation. IEEE Transactions on Industrial Electronics, 2017, 64, 7552-7562.	7.9	55
4	UDE-based control of variable-speed wind turbine systems. International Journal of Control, 2017, 90, 121-136.	1.9	45
5	A novel investigation on horizontal and 3D elliptical ultrasonic vibrations in rotary ultrasonic surface machining of carbon fiber reinforced plastic composites. Journal of Manufacturing Processes, 2020, 52, 12-25.	5.9	33
6	Bounded UDE-Based Controller for Input Constrained Systems With Uncertainties and Disturbances. IEEE Transactions on Industrial Electronics, 2021, 68, 1560-1570.	7.9	29
7	Energy Saving Quadrotor Control for Field Inspections. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1768-1777.	9.3	20
8	Connecting the Home Grid to the Public Grid: Field Demonstration of Virtual Synchronous Machines. IEEE Power Electronics Magazine, 2019, 6, 41-49.	0.7	18
9	Bounded Integral Controller With Limited Control Power for Nonlinear Multiple-Input Multiple-Output Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 1348-1355.	5.2	11
10	Bounded UDE-Based Control for a SLAM Equipped Quadrotor with Input Constraints. , 2019, , .		7
11	Robust control of DC-DC boost converters for solar systems. , 2017, , .		6
12	PIV measurements in a real time controlled model wind turbine wake simulator. Journal of Physics: Conference Series, 2016, 753, 032055.	0.4	5
13	Bounded-voltage Power Flow Control for Grid-tied PV Systems. IFAC-PapersOnLine, 2017, 50, 7699-7704.	0.9	5
14	Bounded UDE-based Controller for Systems with Input Constraints. , 2018, , .		4
15	Go Real: Power Electronics From Simulations to Experiments in Hours: Versatile Experimental Tool for Next Generation Engineers. IEEE Power Electronics Magazine, 2020, 7, 52-61.	0.7	4
16	Sustainable, Portable, and Efficient Electricity Delivery (SPEED): Design, Control, and Testing. IEEE Access, 2020, 8, 73082-73095.	4.2	3
17	Smart Grid Research and Educational Kit to Enable the Control of Power Electronic-based Systems from Simulations to Experiments in Hours. IFAC-PapersOnLine, 2020, 53, 17586-17591.	0.9	3
18	Quasi-Synchronous Operation of a Long-Stator Doubly Fed Linear Motor With Accurate Control of Both Propulsion and Contactless Power Transfer. IEEE Transactions on Transportation Electrification, 2023, 9, 689-698.	7.8	3

#	ARTICLE	IF	CITATIONS
19	The analysis and simulation of motor's torque ripple in electric vehicle. , 2011, , .		2
20	A Sustainable, Portable, and Efficient Electricity Delivery (SPEED) System. , 2019, , .		2
21	Robust power flow control of grid-tied inverters based on the uncertainty and disturbance estimator. , 2016, , .		1
22	Real time controlled wind turbine wake simulator. , 2017, , .		1
23	UDE-based Robust Control for AC/DC Converters. , 2018, , .		1
24	Bounded Integral Controller for Nonlinear MIMO Systems with Inputs Constraint. , 2018, , .		1
25	Unified control scheme for a dual-stage grid-connected PV system with mode change. Solar Energy, 2022, 239, 88-101.	6.1	1
26	3 Dimensional finite element analysis of vehicle permanent magnet motor's rotor. , 2011, , .		0
27	Robust control for parallel operated L-Inverters with uncertainty and disturbance estimator. , 2016, , .		0
28	Error Dynamics Design via a Repetitive Loop for UDE-Based Robust Control to Reject Periodic Disturbances. , 2020, , .		0