

Yeqin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

384
citations

1040056

9
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

308
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | 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 |
| 2 | Energy Saving Quadrotor Control for Field Inspections. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1768-1777. | 9.3 | 20 |
| 3 | Unified control scheme for a dual-stage grid-connected PV system with mode change. Solar Energy, 2022, 239, 88-101. | 6.1 | 1 |
| 4 | 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 |
| 5 | Bounded UDE-Based Controller for Input Constrained Systems With Uncertainties and Disturbances. IEEE Transactions on Industrial Electronics, 2021, 68, 1560-1570. | 7.9 | 29 |
| 6 | 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 |
| 7 | Sustainable, Portable, and Efficient Electricity Delivery (SPEED): Design, Control, and Testing. IEEE Access, 2020, 8, 73082-73095. | 4.2 | 3 |
| 8 | 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 |
| 9 | 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 |
| 10 | Error Dynamics Design via a Repetitive Loop for UDE-Based Robust Control to Reject Periodic Disturbances. , 2020, , . | | 0 |
| 11 | A Sustainable, Portable, and Efficient Electricity Delivery (SPEED) System. , 2019, , . | | 2 |
| 12 | Bounded UDE-Based Control for a SLAM Equipped Quadrotor with Input Constraints. , 2019, , . | | 7 |
| 13 | 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 |
| 14 | Fault Ride-Through Enhancement for Grid-Tied PV Systems With Robust Control. IEEE Transactions on Industrial Electronics, 2018, 65, 2302-2312. | 7.9 | 66 |
| 15 | UDE-based Robust Control for AC/DC Converters. , 2018, , . | | 1 |
| 16 | Bounded UDE-based Controller for Systems with Input Constraints. , 2018, , . | | 4 |
| 17 | Bounded Integral Controller for Nonlinear MIMO Systems with Inputs Constraint. , 2018, , . | | 1 |
| 18 | UDE-based control of variable-speed wind turbine systems. International Journal of Control, 2017, 90, 121-136. | 1.9 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Real time controlled wind turbine wake simulator. , 2017, , . | | 1 |
| 20 | UDE-Based Robust Droop Control of Inverters in Parallel Operation. IEEE Transactions on Industrial Electronics, 2017, 64, 7552-7562. | 7.9 | 55 |
| 21 | Bounded-voltage Power Flow Control for Grid-tied PV Systems. IFAC-PapersOnLine, 2017, 50, 7699-7704. | 0.9 | 5 |
| 22 | Robust control of DC-DC boost converters for solar systems. , 2017, , . | | 6 |
| 23 | Robust Power Flow Control of Grid-Connected Inverters. IEEE Transactions on Industrial Electronics, 2016, 63, 6887-6897. | 7.9 | 58 |
| 24 | Robust control for parallel operated L-Inverters with uncertainty and disturbance estimator. , 2016, , . | | 0 |
| 25 | PIV measurements in a real time controlled model wind turbine wake simulator. Journal of Physics: Conference Series, 2016, 753, 032055. | 0.4 | 5 |
| 26 | Robust power flow control of grid-tied inverters based on the uncertainty and disturbance estimator. , 2016, , . | | 1 |
| 27 | 3 Dimensional finite element analysis of vehicle permanent magnet motor's rotor. , 2011, , . | | 0 |
| 28 | The analysis and simulation of motor's torque ripple in electric vehicle. , 2011, , . | | 2 |