

Ning Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Finite Control Set Model Predictive Control for LCL-Filtered Grid-Tied Inverter With Minimum Sensors. IEEE Transactions on Industrial Electronics, 2020, 67, 9980-9990.	7.9	76
2	A Novel Power-Voltage Control Strategy for the Grid-Tied Inverter to Raise the Rated Power Injection Level in a Weak Grid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 219-232.	5.4	52
3	Differentiation Power Control of Modules in Second-Life Battery Energy Storage System Based on Cascaded H-Bridge Converter. IEEE Transactions on Power Electronics, 2020, 35, 6609-6624.	7.9	24
4	Optimized Series Dynamic Braking Resistor for LVRT of Doubly-Fed Induction Generator With Uncertain Fault Scenarios. IEEE Access, 2022, 10, 22533-22546.	4.2	16
5	Finite Control Set Model Predictive Control for an LCL-Filtered Grid-Tied Inverter with Full Status Estimations under Unbalanced Grid Voltage. Energies, 2019, 12, 2691.	3.1	12
6	Finite Control Set Model Predictive Control with Model Parameter Correction for Power Conversion System in Battery Energy Storage Applications. IEEE Transactions on Electrical and Electronic Engineering, 2020, 15, 1109-1120.	1.4	11
7	Modified dual buck-boost AC/DC converter with self-balanced DC output voltages. IET Power Electronics, 2019, 12, 1170-1178.	2.1	10
8	Grid Current Feedback Active Damping Control Based on Disturbance Observer for Battery Energy Storage Power Conversion System with LCL Filter. Energies, 2021, 14, 1482.	3.1	10
9	MOSFET-Switch-Based Transformerless Single-Phase Grid-Tied Inverter for PV Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 3830-3839.	5.4	8
10	An Improved Control Method for Power Conversion System under a Weak Grid by the Adoption of Virtual Resistors. Journal of Power Electronics, 2017, 17, 756-765.	1.5	8
11	Finite control set model predictive control integrated with disturbance observer for battery energy storage power conversion system. Journal of Power Electronics, 2021, 21, 342-353.	1.5	7
12	Ship Dynamic Positioning Control Based on Active Disturbance Rejection Control. Journal of Marine Science and Engineering, 2022, 10, 865.	2.6	6
13	Single-stage MPPT control realization for Aalborg inverter in photovoltaic system. , 2017, , .		5
14	Finite Control Set Model Predictive Control for LCL-Filter-Based Grid-Tied Inverter with Computational Delay Compensation. , 2018, , .		3
15	Design of Observer-Based Active Damping Using Disturbance Observer for Grid-Connected Inverter with LCL Filter. , 2018, , .		3
16	A New Buck-Boost AC/DC Converter with Two-Terminal Output Voltage for DC Nano-Grid. Energies, 2019, 12, 3808.	3.1	3
17	Two-stage Battery Energy Storage Power Conversion System Based on Dual Active Bridge. , 2022, , .		3
18	Combining Passivity-Based Control with Active Damping to Improve Stability of LCL Filtered Grid-Connected Voltage Source Inverter. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	A modified self-powered wireless temperature measurement system for high voltage switchgear. , 2018, , .		2
20	Finite Control Set - Model Predictive Control Based on Deadbeat Control for LCL-Type Grid-connected Inverters. , 2021, , .		2
21	Finite Control Set Model Predictive Control for LCL-Filter-Based Grid-Tied NPC Inverter. , 2018, , .		1
22	Modified Inertia Synchronization Control for a Type-IV Wind Turbine Integrated with a Battery Energy Storage Unit. Journal of Electrical Engineering and Technology, 2021, 16, 2065-2073.	2.0	1
23	A Simplified Finite Control Set Model Predictive Control for T-Type Three-Level Power Conversion System Based on LCL Filter. Journal of Control Science and Engineering, 2021, 2021, 1-16.	1.0	1
24	Active Disturbance Rejection Control Based on Extended State Observer for Three-Phase Battery Energy Storage Power Conversion System with LCL Filter. Journal of Electrical Engineering and Technology, 2022, 17, 1169-1182.	2.0	1
25	Simplified Finite Set Model Predictive Control for T-type Three-Level Battery Energy Storage Power Conversion System. , 2022, , .		0