

# Ling Yang

## List of Publications by Year in descending order

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papers

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623734

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docs citations

25  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Virtual Inertia Control Strategy for DC Microgrids Analogized With Virtual Synchronous Machines. IEEE Transactions on Industrial Electronics, 2017, 64, 6005-6016.	7.9	184
2	Sequence Impedance Modeling and Stability Comparative Analysis of Voltage-Controlled VSGs and Current-Controlled VSGs. IEEE Transactions on Industrial Electronics, 2019, 66, 6460-6472.	7.9	128
3	Sequence-Impedance-Based Stability Comparison Between VSGs and Traditional Grid-Connected Inverters. IEEE Transactions on Power Electronics, 2019, 34, 46-52.	7.9	126
4	Inverter-Current-Feedback Resonance-Suppression Method for LCL-Type DG System to Reduce Resonance-Frequency Offset and Grid-Inductance Effect. IEEE Transactions on Industrial Electronics, 2018, 65, 7036-7048.	7.9	65
5	An efficient recursive identification algorithm for multilinear systems based on tensor decomposition. International Journal of Robust and Nonlinear Control, 2021, 31, 7920-7936.	3.7	57
6	A Virtual Phase-Lead Impedance Stability Control Strategy for the Maritime VSC-HVDC System. IEEE Transactions on Industrial Informatics, 2018, 14, 5475-5486.	11.3	46
7	Robust Grid-Current-Feedback Resonance Suppression Method for LCL-Type Grid-Connected Inverter Connected to Weak Grid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 2126-2137.	5.4	45
8	A microgrid cluster structure and its autonomous coordination control strategy. , 2017, , .		40
9	Effect of phase-locked loop on small-signal perturbation modelling and stability analysis for three-phase LCL-type inverter connected to weak grid. IET Renewable Power Generation, 2019, 13, 86-93.	3.1	25
10	A Multiple Modular Isolated DC/DC Converter With Bidirectional Fault Handling and Efficient Energy Conversion for DC Distribution Network. IEEE Transactions on Power Electronics, 2020, 35, 11502-11517.	7.9	25
11	Virtual Positive-Damping Reshaped Impedance Stability Control Method for the Offshore MVDC System. IEEE Transactions on Power Electronics, 2019, 34, 4951-4966.	7.9	23
12	Harmonic Voltage Distortion Damping Method for Parallel-Connected LCL-Type Inverters in Islanded Operation. IEEE Transactions on Industrial Electronics, 2019, 66, 9032-9044.	7.9	23
13	Stability Enhancement for Parallel Grid-Connected Inverters by Improved Notch Filter. IEEE Access, 2019, 7, 65667-65678.	4.2	18
14	A Dual-Active-Bridge With Half-Bridge Submodules DC Solid-State Transformer for DC Distribution Networks. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1891-1904.	5.4	18
15	Wideband Harmonic Resonance Characteristics and Coordinated Damping Method for Distributed Generation Power Plants. IEEE Transactions on Industrial Electronics, 2019, 66, 7753-7764.	7.9	16
16	DC impedance modeling, stability analysis and active stabilization of the VSC-HVDC system. , 2017, , .		10
17	Power coordinated control method with frequency support capability for hybrid single/three-phase microgrid. IET Generation, Transmission and Distribution, 2018, 12, 2397-2405.	2.5	8
18	Oscillation Suppression Method by Two Notch Filters for Parallel Inverters under Weak Grid Conditions. Energies, 2018, 11, 3441.	3.1	5

#	ARTICLE	IF	CITATIONS
19	UPQC-Based High Precision Impedance Measurement Device and its Switching Control Method. , 2018, , .		4
20	A Double Update PWM Method to Improve Robustness for the Deadbeat Current Controller in Three-Phase Grid-Connected System. Journal of Electrical and Computer Engineering, 2018, 2018, 1-13.	0.9	3
21	A Hybrid Isolated Bidirectional DC/DC Solid-State Transformer for DC Distribution Network. IEEE Access, 2021, 9, 159059-159070.	4.2	3
22	Frequency coordination and harmonic suppression strategy based on composite virtual impedance in hybrid energy storage system. IET Power Electronics, 2022, 15, 1550-1562.	2.1	2
23	A fast robust PWM method for photovoltaic grid-connected inverter. , 2017, , .		1
24	Two frequency-bandwidths real-time sensitive inverter-current-feedback control for LCL-type DG systems connected to weak grid. , 2017, , .		1
25	Admittance Reshaping Control Methods to Mitigate the Interactions between Inverters and Grid. Energies, 2019, 12, 2457.	3.1	1