

# Qing Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

237  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

244  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Differential Compensated Air Coil Current Sensor for Switching Current Measurement of Power Devices. IEEE Transactions on Industrial Electronics, 2023, 70, 5356-5364.	7.9	4
2	Investigation of Off-State Stress Induced Degradation of SiC MOSFETs Under Short-Circuit Condition. IEEE Transactions on Industrial Electronics, 2023, 70, 5224-5234.	7.9	7
3	A Review of Megahertz Current Sensors for Megahertz Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 6720-6738.	7.9	25
4	Comparison of Online Loop Gain Monitors for Power Converters in Microgrids. , 2021, , .		0
5	Review and Comparison of Grid-Tied Inverter Controllers in Microgrids. IEEE Transactions on Power Electronics, 2020, 35, 7624-7639.	7.9	81
6	Frequency-Locked Loop Based on a Repetitive Controller for Grid Synchronization Systems. IEEE Access, 2020, 8, 154861-154870.	4.2	12
7	Analysis and Experimental Characterization of a Large-Bandwidth Triple-Loop Controller for Grid-Tied Inverters. IEEE Transactions on Power Electronics, 2019, 34, 1936-1949.	7.9	39
8	Flexible Control of Interlinking Converters for DC Microgrids Coupled to Smart AC Power Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 3477-3485.	7.9	34
9	Current-Controlled Interlinking Converter with Grid-Supporting Functionalities. , 2019, , .		0
10	Stability Analysis and Auto-Tuning of Interlinking Converters Connected to Weak Grids. IEEE Transactions on Power Electronics, 2019, 34, 9435-9446.	7.9	31
11	Self-Tuning of Triple-Loop Controlled Grid-Connected Inverters. , 2018, , .		2
12	Seamless Mode Transitions for Triple-Loop Controlled Interlinking Converters. , 2018, , .		2