

# Qing Liu

## List of Publications by Year in descending order

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12  
papers

237  
citations

1478505

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1588992

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all docs

12  
docs citations

12  
times ranked

244  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Review and Comparison of Grid-Tied Inverter Controllers in Microgrids. IEEE Transactions on Power Electronics, 2020, 35, 7624-7639.  | 7.9 | 81        |
| 2  | 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        |
| 3  | 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        |
| 4  | Stability Analysis and Auto-Tuning of Interlinking Converters Connected to Weak Grids. IEEE Transactions on Power Electronics, 2019, 34, 9435-9446.                          | 7.9 | 31        |
| 5  | A Review of Megahertz Current Sensors for Megahertz Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 6720-6738.   | 7.9 | 25        |
| 6  | Frequency-Locked Loop Based on a Repetitive Controller for Grid Synchronization Systems. IEEE Access, 2020, 8, 154861-154870.  | 4.2 | 12        |
| 7  | 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         |
| 8  | 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         |
| 9  | Self-Tuning of Triple-Loop Controlled Grid-Connected Inverters. , 2018, , .  |     | 2         |
| 10 | Seamless Mode Transitions for Triple-Loop Controlled Interlinking Converters. , 2018, , .  |     | 2         |
| 11 | Current-Controlled Interlinking Converter with Grid-Supporting Functionalities. , 2019, , .  |     | 0         |
| 12 | Comparison of Online Loop Gain Monitors for Power Converters in Microgrids. , 2021, , .  |     | 0         |