

# Suhua Luo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved Two-Phase Stationary Frame EPLL to Eliminate the Effect of Input Harmonics, Unbalance, and DC Offsets. IEEE Transactions on Industrial Informatics, 2017, 13, 2855-2863.	11.3	29
2	Bidirectional Buck-Boost Current-Fed Isolated DC-DC Converter and Its Modulation. IEEE Transactions on Power Electronics, 2020, 35, 5506-5516.	7.9	29
3	Hybrid Modulation Strategy for IGBT-Based Isolated Dual-Active-Bridge DC-DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1336-1344.	5.4	27
4	Modified Single-Carrier Multilevel SPWM and Online Efficiency Enhancement for Single-Phase Asymmetrical NPC Grid-Connected Inverter. IEEE Transactions on Industrial Informatics, 2020, 16, 3157-3167.	11.3	20
5	Improved Modulation Strategy for Single-Phase Single-Stage Isolated AC-DC Converter Considering Power Reversion Zone. IEEE Transactions on Power Electronics, 2020, 35, 4157-4167.	7.9	19
6	Small-Signal Modeling and Closed-Loop Control of Bidirectional Buck-Boost Current-Fed Isolated DC-DC Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 4036-4045.	7.9	16
7	Hybrid-Three-Level Current-Fed Series-Resonant Isolated DC-DC Converter and its Optimization Modulation Strategy. IEEE Transactions on Power Electronics, 2022, 37, 196-205.	7.9	10
8	Improved TPS control for DAB DC-DC converter to eliminate dual-side flow back currents. IET Power Electronics, 2020, 13, 32-39.	2.1	9
9	Single-Stage Hybrid Three-Level DAB Type Resonant AC-DC Converter. IEEE Transactions on Transportation Electrification, 2022, 8, 799-807.	7.8	8
10	Buck-Boost Three-Level Semi-Dual-Bridge Resonant Isolated DC-DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5986-5995.	5.4	8
11	Effect of Dead Band and Transient Actions on CTPS Modulation for DAB DC-DC Converter and Solutions. IEEE Transactions on Transportation Electrification, 2021, 7, 949-957.	7.8	7
12	Defect structure and optical damage resistance of Hf:Fe:LiNbO <sub>3</sub> crystals with various [Li]/[Nb] ratios. Crystal Research and Technology, 2010, 45, 249-253.	1.3	6
13	Defect structure and optical damage resistance of In:Fe:Cu:LiNbO <sub>3</sub> crystals with various [Li]/[Nb] ratios. Crystal Research and Technology, 2011, 46, 183-186.	1.3	4
14	Improvement on Transient Performance of Cooperative Triple-Phase-Shift Control for Dual Active Bridge DC-DC Converter. , 2019, , .		4
15	Elimination of Transient Current Mutation and Voltage Spike for Buck-Boost Current-Fed Isolated DC-DC Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 10928-10937.	7.9	4
16	Direct Power Based Control Strategy for DAB DC-DC Converter With Cooperative Triple Phase Shifted Modulation. IEEE Access, 2021, 9, 147791-147800.	4.2	4
17	Defect structure and optical damage resistance of In:Fe:Cu:LiNbO <sub>3</sub> crystals. Journal of Modern Optics, 2009, 56, 115-119.	1.3	2
18	Optical damage resistance of Hf:Fe:LiNbO <sub>3</sub> crystals with various [Li]/[Nb] ratios. Crystal Research and Technology, 2011, 46, 931-934.	1.3	1