

# Shuang Xu

## List of Publications by Year in descending order

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21  
papers

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citations

1684188

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docs citations

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times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Modulation and Power Decoupling Control on Single-Phase Bridge Inverter With Buck-Boost Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5851-5864.	5.4	7
2	Pulse Energy Modulation for a Single-Phase Bridge Inverter With Active Power Decoupling Capability. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2014-2026.	5.4	5
3	Single-Phase Buck-Boost Inverter With Pulse Energy Modulation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 897-909.	5.4	3
4	Review of Power System Support Functions for Inverter-Based Distributed Energy Resources- Standards, Control Algorithms, and Trends. IEEE Open Journal of Power Electronics, 2021, 2, 88-105.	5.7	61
5	Frequency Regulation by Distributed Energy Resource Inverters Based on Parabolic Droop Curve. , 2021, , .		0
6	Parabolic Droop Voltage Regulation by DER Inverter for Power System Support Functions. , 2021, , .		0
7	Single-Phase Voltage Source Inverter With Voltage Boosting and Power Decoupling Capabilities. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 2977-2988.	5.4	12
8	Advanced Variable Switching Frequency Control for Improving Weighted Efficiency of Distributed Renewable Generation Systems. IEEE Access, 2020, , 1-1.	4.2	4
9	Single Phase Converter with Power Decoupling and Reactive Power Control for Bi-directional EV Charger. , 2019, , .		2
10	Single-Phase Differential Buck-Boost Inverter With Pulse Energy Modulation and Power Decoupling Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 2060-2072.	5.4	33
11	Dead-Beat Current Controller for Voltage Source Inverter with LCL Grid-Tied Filter. , 2018, , .		2
12	Single-Phase Voltage Source Inverter with Power Decoupling and Minimal Voltage Stress Modulation. , 2018, , .		1
13	Single-Phase Bridge Inverter with Active Power Decoupling Based on Buck-Boost Converter. , 2018, , .		2
14	Single-Phase Voltage Source Inverter with Pulse Energy Modulation for Power Decoupling. , 2018, , .		0
15	Power decoupling method for single-phase buck-boost inverter with energy-based control. , 2017, , .		8
16	Single-phase voltage source inverter with voltage-boosting and power decoupling capabilities. , 2017, , .		2
17	Modified pulse energy modulation technique of a three-switch buck-boost inverter. , 2016, , .		3
18	Energy Cost Estimation of Small Wind Power Systems- An Integrated Approach. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 945-956.	5.4	9

#	ARTICLE	IF	CITATIONS
19	Closed-Loop Pulse Energy Modulation of a Three-Switch Buck-Boost Inverter. , 2015, , .		4
20	Energy cost estimation of small wind power systems - An integrated approach. , 2014, , .		0
21	Predictive current controller and compensator-based discrete current controller for single-phase bridge inverters. Journal of Power Electronics, 0, , .	1.5	3