

# Jinmu Lai

## List of Publications by Year in descending order

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18  
papers

172  
citations

1684188

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h-index

1872680

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18  
all docs

18  
docs citations

18  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Solution to the Optimal Power Flow Problem Considering WT and PV Generation. IEEE Access, 2019, 7, 46763-46772.	4.2	94
2	Passivity-based control of cascaded multilevel converter based D-STATCOM integrated with distribution transformer. Electric Power Systems Research, 2018, 154, 1-12.	3.6	31
3	DSTATCOM integrated with Y-y connection transformer for reactive power compensation. International Journal of Electrical Power and Energy Systems, 2020, 117, 105721.	5.5	14
4	Disturbance-Observer-Based PBC for Static Synchronous Compensator Under System Disturbances. IEEE Transactions on Power Electronics, 2019, 34, 11467-11481.	7.9	9
5	Improved Comprehensive Control of Modular Multilevel Converter under AC/DC Grid Faults and Harmonic Operation Conditions. IEEE Transactions on Power Electronics, 2021, 36, 6537-6556.	7.9	9
6	Passivity control based on Euler-Lagrangian model for D-STATCOM with LCL filter. , 2016, , .		6
7	A novel architecture of regional energy interconnected distribution grid based on power router technology. , 2017, , .		3
8	Extendable space-type switched-capacitor multilevel inverter with fault-tolerant capability. Journal of Power Electronics, 2022, 22, 923-934.	1.5	3
9	Enhanced Nonlinear Passivity Based Control for Power Conversion System. , 2021, , .		2
10	Disturbance Observer based Internal Model Control for Three Phase LCL-type Inverter. , 2019, , .		1
11	Stateflow based carrier phase-shifted SPWM and its application in DT-STATCOM. , 2015, , .		0
12	A Novel Integrated Hybrid Compensation System for Distribution Transformers. , 2018, , .		0
13	Comprehensive Power Quality Control of DSTATCOM based on Electricity Price Penalty Factor. , 2018, , .		0
14	Analysis and Control of Isolated Modular Multilevel DC-DC Converter Under Asymmetric Arm Parameter Conditions. , 2019, , .		0
15	Load Current Feedforward Control Method for Modular Multilevel DC Converter. , 2019, , .		0
16	Zero-Mode Inrush Current Characteristics and Zero-Sequence Protection Countermeasure Under Sympathetic Interaction. IEEE Transactions on Power Delivery, 2022, 37, 3669-3678.	4.3	0
17	Energy router based minimum loss cost routing strategy in energy internet. , 2020, , .		0
18	Leg-balancing Control of Modular Multilevel Converter under Asymmetric Condition. , 2022, , .		0