

# Anping Tong

## List of Publications by Year in descending order

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14  
papers

389  
citations

1684188

5  
h-index

1872680

6  
g-index

14  
all docs

14  
docs citations

14  
times ranked

400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Analysis of a Dual-Active-Bridge-Isolated Bidirectional DC/DC Converter to Minimize RMS Current With Whole Operating Range. IEEE Transactions on Power Electronics, 2018, 33, 5302-5316.	7.9	275
2	A Generalized Associated Discrete Circuit Model of Power Converters in Real-Time Simulation. IEEE Transactions on Power Electronics, 2019, 34, 2220-2233.	7.9	37
3	Using Sampled-Data Modeling Method to Derive Equivalent Circuit and Linearized Control Method for Dual-Active-Bridge Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1361-1374.	5.4	21
4	ZVS Control strategy of dual active bridge DC/DC converter with triple-phase-shift modulation considering RMS current optimization. Journal of Engineering, 2019, 2019, 4708-4712.	1.1	9
5	Unified ZVS strategy for DAB with triple-phase-shift modulation in boost mode. Journal of Engineering, 2019, 2019, 4906-4910.	1.1	7
6	ZVS operation of DAB converter based on triple-phase-shift modulation scheme with optimized inductor current. , 2017, , .		6
7	A Novel PV Array Connection Strategy with PV-buck Module to Improve System Efficiency. , 2018, , .		6
8	Optimized Modulation Strategy of NH3L-DAB Converter to Minimize RMS Current for Wide Voltage Range Applications. IEEE Transactions on Power Electronics, 2022, 37, 7789-7808.	7.9	6
9	Optimized control strategy for minimum ohmic loss of dual active bridge converter. , 2017, , .		5
10	Power flow and inductor current analysis of PWM control for Dual Active Bridge converter. , 2016, , .		4
11	Equivalent circuit model of dual active bridge converter. , 2017, , .		4
12	Nonlinear characteristics of DAB converter and linearized control method. , 2018, , .		4
13	Soft Switching Method of TPS Modulated DAB Converters with Wide Band Gap Devices. , 2019, , .		3
14	A Level Shift Gate Driving Circuit of SiC MOSFET with Crosstalk Suppression Capability. , 2020, , .		2