

Hui Chen

List of Publications by Year in descending order

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14
papers

457
citations

1684188

5
h-index

2053705

5
g-index

14
all docs

14
docs citations

14
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Advanced Control of Dual-Active-Bridge DC-DC Converters: A Review. IEEE Transactions on Power Electronics, 2022, 37, 1524-1547.	7.9	140
2	Circulating Current and ZVS-on of a Dual Active Bridge DC-DC Converter: A Review. IEEE Access, 2019, 7, 50561-50572.	4.2	107
3	1-MHz LLC Resonant DC Transformer (DCX) With Regulating Capability. IEEE Transactions on Industrial Electronics, 2016, 63, 2904-2912.	7.9	80
4	Analysis on the influence of the secondary parasitic capacitance to ZVS transient in LLC resonant converter. , 2014, , .		38
5	Interleaved Phase-Shift Full-Bridge Converter With Transformer Winding Series-Parallel Autoregulated (SPAR) Current Doubler Rectifier. IEEE Transactions on Power Electronics, 2015, 30, 4864-4873.	7.9	30
6	A Current-Sharing Method for Interleaved High-Frequency LLC Converter With Partial Energy Processing. IEEE Transactions on Industrial Electronics, 2020, 67, 1498-1507.	7.9	27
7	LLC resonant DC transformer (DCX) with parallel PWM output tight regulation. , 2014, , .		10
8	Current balance method for the two-phase interleaved LLC-RDCX with parallel PWM output regulation. , 2014, , .		8
9	1MHz LLC resonant DC-DC converter with PWM output regulation capability. , 2016, , .		6
10	A hybrid ZVS full-bridge converter with transformer winding series-parallel auto regulated current doubler rectifier. , 2012, , .		5
11	A Secondary Partial Energy Phase Shift Regulation LLC Resonant Converter with Current Sharing Ability. , 2019, , .		3
12	An IPOS LLC Converter with Current Sharing Capability. , 2019, , .		2
13	Small signal modeling and analysis of interleaved active-clamp forward converter with parallel input and series-parallel output. , 2012, , .		1
14	A hybrid push-pull converter with series-parallel structure in the primary windings. , 2012, , .		0