

Yungtaek Jang

List of Publications by Year in descending order

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22
papers

1,369
citations

933447

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1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of Bridgeless PFC Boost Rectifiers. IEEE Transactions on Power Electronics, 2008, 23, 1381-1390.	7.9	694
2	A Bridgeless PFC Boost Rectifier With Optimized Magnetic Utilization. IEEE Transactions on Power Electronics, 2009, 24, 85-93.	7.9	216
3	Bridgeless High-Power-Factor Buck Converter. IEEE Transactions on Power Electronics, 2011, 26, 602-611.	7.9	194
4	Light-Load Efficiency Optimization Method. IEEE Transactions on Power Electronics, 2010, 25, 67-74.	7.9	89
5	The TAIPEI Rectifier—A New Three-Phase Two-Switch ZVS PFC DCM Boost Rectifier. IEEE Transactions on Power Electronics, 2013, 28, 686-694.	7.9	36
6	Bridgeless PFC boost rectifier with optimized magnetic utilization. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	22
7	The Single-Stage Taipei Rectifier—Design Consideration and Performance Evaluation. IEEE Transactions on Power Electronics, 2014, 29, 5706-5714.	7.9	17
8	New two-inductor boost converter with auxiliary transformer. , 0, , .		13
9	Fully Soft-Switched Three-Stage AC—DC Converter. IEEE Transactions on Power Electronics, 2008, 23, 2884-2892.	7.9	13
10	Isolated, Bi-Directional DC-DC Converter for Fuel Cell Electric Vehicle Applications. , 2019, , .		12
11	A Two-Switch, Isolated, Three-Phase AC—DC Converter. IEEE Transactions on Power Electronics, 2019, 34, 10874-10886.	7.9	12
12	Three-Phase Isolated High-Power-Factor Rectifier Using Soft-Switched Two-Switch Forward Converter. IEEE Applied Power Electronics Conference and Exposition, 2007, , .	0.0	11
13	Three-Level TAIPEI Rectifier—Analysis of Operation, Design Considerations, and Performance Evaluation. IEEE Transactions on Power Electronics, 2017, 32, 942-956.	7.9	10
14	A Low-THD Two-Switch PFC DCM Boost Rectifier for Aviation Applications. IEEE Transactions on Transportation Electrification, 2020, 6, 1755-1766.	7.8	8
15	Interleaved PFC Boost Converter with Intrinsic Voltage-Doubler Characteristic. , 0, , .		5
16	A new three-phase two-switch ZVS PFC DCM boost rectifier. , 2012, , .		5
17	Design and Evaluation of SiC Active Soft-Switching Cell for 1-ph/3-ph Universal Voltage Input PFC for On-Board Charger Applications. , 2021, , .		5
18	Design considerations and performance evaluation of three-phase two-switch ZVS PFC DCM boost rectifier (Taipei rectifier) for telecom applications. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	A new technique for reducing switching losses in pulse-width-modulated boost converter. , 0, , .		2
20	The single-stage TAPEI rectifier. , 2013, , .		1
21	A New Two-Switch PFC DCM Boost Rectifier for Aviation Applications. , 2020, , .		1
22	Review of Milan M. Jovanović's work and impact on the power electronics industry. , 2019, , .		0