

Jung-Kyu Han

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

201
citations

1478505

6
h-index

1720034

7
g-index

20
all docs

20
docs citations

20
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	A High Step-Up Switched-Capacitor 13-Level Inverter With Reduced Number of Switches. IEEE Transactions on Power Electronics, 2021, 36, 2505-2509.	7.9	58
2	High-Efficiency Phase-Shifted Full-Bridge Converter With a New Coupled Inductor Rectifier (CIR). IEEE Transactions on Power Electronics, 2019, 34, 8468-8480.	7.9	29
3	PWM Resonant Converter With Asymmetric Modulation for ZVS Active Voltage Doubler Rectifier and Forced Half Resonance in PV Application. IEEE Transactions on Power Electronics, 2020, 35, 508-521.	7.9	27
4	A High-Efficiency Asymmetrical Half-Bridge Converter With Integrated Boost Converter in Secondary Rectifier. IEEE Transactions on Power Electronics, 2017, 32, 8237-8242.	7.9	18
5	High-Efficiency Asymmetrical Half-Bridge Converter With a New Coupled Inductor Rectifier (CIR). IEEE Transactions on Power Electronics, 2019, 34, 11541-11552.	7.9	15
6	High-Efficiency Three-Level DC-DC Converter With Reduced Circulating Current and Rectifier Voltage Stress. IEEE Transactions on Power Electronics, 2020, 35, 2668-2679.	7.9	11
7	Phase-Shifted Full-Bridge DC-DC Converter With High Efficiency and Reduced Output Filter Using Center-Tapped Clamp Circuit. , 2019, , .		8
8	A simple THD improving method for CCM boost PFC converter under mixed conduction mode operation. , 2017, , .		6
9	Novel multi-coil resonator design for wireless power transfer through reinforced concrete structure with rebar array. , 2017, , .		5
10	Circulating Current-less Phase-Shifted Full-Bridge Converter With New Rectifier Structure. , 2018, , .		5
11	A New Synchronous Rectifier Control Method for High Efficiency Phase-Shifted Full-Bridge Converter with Coupled Inductor Rectifier. , 2020, , .		4
12	Nonisolated Two-Channel LED Driver with Simple Snubber. , 2018, , .		3
13	ZVS Interleaved Totem-pole Bridgeless PFC Converter with Phase-shifting Control. , 2018, , .		3
14	Asymmetrical Half-Bridge Converter With Zero DC-offset Current in Transformer Using New Rectifier Structure. , 2018, , .		3
15	High-Efficiency Asymmetrical Half-Bridge Converter With Linear Voltage Gain. IEEE Transactions on Power Electronics, 2022, 37, 14850-14861.	7.9	2
16	Asymmetric half-bridge resonant converter having a reduced conduction loss for DC/DC power systems with a low input voltage. , 2016, , .		1
17	Wide-range ZVS asymmetric half-bridge converter with clamping switches for small DC offset current. , 2016, , .		1
18	Interleaved active clamp forward converter with additional series-connected secondary windings for wide input and high current output applications. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	PWM half-bridge zeta converter utilizing resonant technique for reduced peak current. , 2017, , .		1
20	Efficiency optimized asymmetric half-bridge converter with hold-up time compensation. , 2016, , .		0