

Jung-Kyu Han

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | High-Efficiency Asymmetrical Half-Bridge Converter With Linear Voltage Gain. IEEE Transactions on Power Electronics, 2022, 37, 14850-14861. | 7.9 | 2 |
| 2 | 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 |
| 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 | 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 |
| 5 | A New Synchronous Rectifier Control Method for High Efficiency Phase-Shifted Full-Bridge Converter with Coupled Inductor Rectifier. , 2020, , . | | 4 |
| 6 | Phase-Shifted Full-Bridge DC-DC Converter With High Efficiency and Reduced Output Filter Using Center-Tapped Clamp Circuit. , 2019, , . | | 8 |
| 7 | 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 |
| 8 | 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 |
| 9 | Nonisolated Two-Channel LED Driver with Simple Snubber. , 2018, , . | | 3 |
| 10 | ZVS Interleaved Totem-pole Bridgeless PFC Converter with Phase-shifting Control. , 2018, , . | | 3 |
| 11 | Asymmetrical Half-Bridge Converter With Zero DC-offset Current in Transformer Using New Rectifier Structure. , 2018, , . | | 3 |
| 12 | Circulating Current-less Phase-Shifted Full-Bridge Converter With New Rectifier Structure. , 2018, , . | | 5 |
| 13 | 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 |
| 14 | A simple THD improving method for CCM boost PFC converter under mixed conduction mode operation. , 2017, , . | | 6 |
| 15 | PWM half-bridge zeta converter utilizing resonant technique for reduced peak current. , 2017, , . | | 1 |
| 16 | Novel multi-coil resonator design for wireless power transfer through reinforced concrete structure with rebar array. , 2017, , . | | 5 |
| 17 | Efficiency optimized asymmetric half-bridge converter with hold-up time compensation. , 2016, , . | | 0 |
| 18 | Asymmetric half-bridge resonant converter having a reduced conduction loss for DC/DC power systems with a low input voltage. , 2016, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Wide-range ZVS asymmetric half-bridge converter with clamping switches for small DC offset current. , 2016, , . | | 1 |
| 20 | Interleaved active clamp forward converter with additional series-connected secondary windings for wide input and high current output applications. , 2016, , . | | 1 |