

Kang-Hyun Yi

List of Publications by Year in descending order

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229
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Phase, Bidirectional, 7.7 kW Totem Pole On-Board Charging/Discharging Infrastructure. Applied Sciences (Switzerland), 2022, 12, 2236.	2.5	3
2	Half-Bridge Integrated Phase-Shifted Full-Bridge Converter With High Efficiency Using Center-Tapped Clamp Circuit for Battery Charging Systems in Electric Vehicles. IEEE Transactions on Power Electronics, 2020, 35, 4934-4945.	7.9	36
3	High Voltage, Low Current High-Power Multichannel LEDs LLC Driver by Stacking Single-Ended Rectifiers with Balancing Capacitors. Electronics (Switzerland), 2020, 9, 529.	3.1	2
4	Output Voltage Analysis of Inductive Wireless Power Transfer with Series LC and LLC Resonance Operations Depending on Coupling Condition. Electronics (Switzerland), 2020, 9, 592.	3.1	7
5	Capacitive Coupling Wireless Power Transfer with Quasi-LLC Resonant Converter Using Electric Vehicles' Windows. Electronics (Switzerland), 2020, 9, 676.	3.1	15
6	Electric field wireless power transfer with impedance transformation. , 2016, , .		1
7	High frequency capacitive coupling wireless power transfer using glass dielectric layers. , 2016, , .		3
8	Capacitive coupling wireless power transfer with glass dielectric layers for electric vehicles. , 2016, , .		7
9	Capacitive Coupling LLC Wireless Power Transfer Converter Through Glasses of Electric Vehicles. The Transactions of the Korean Institute of Power Electronics, 2016, 21, 542-545.	0.1	1
10	6.78MHz Capacitive Coupling Wireless Power Transfer System. Journal of Power Electronics, 2015, 15, 987-993.	1.5	23
11	Low-Cost High-Efficiency PDP Sustaining Driver with a Resonance Bias Level Shift. Journal of Power Electronics, 2013, 13, 779-786.	1.5	0
12	Cost-effective Power System with an Electronic Double Layer Capacitor for Reducing the Standby Power Consumption of Consumer Electronic Devices. Journal of Power Electronics, 2013, 13, 362-368.	1.5	6
13	Comparative Study of a Single Sustaining Driver (SSD) With Single- and Dual-Energy Recovery Circuits for Plasma Display Panels (PDPs). IEEE Transactions on Power Electronics, 2009, 24, 540-547.	7.9	2
14	Novel Two-Phase Interleaved LLC Series-Resonant Converter Using a Phase of the Resonant Capacitor. IEEE Transactions on Industrial Electronics, 2009, 56, 1815-1819.	7.9	144
15	An Improved Dual-Path Energy Recovery Circuit Using a Current Source and a Voltage Source for High-Resolution and Large-Sized Plasma Display Panel. IEEE Transactions on Power Electronics, 2009, 24, 1887-1895.	7.9	3
16	A Simple and Highly Efficient Energy Recovery Circuit for a Plasma Display Panel (PDP). IEEE Transactions on Industrial Electronics, 2008, 55, 782-790.	7.9	8