Sin-Woo Lee

List of Publications by Year
in descending order

16	510	1163117 8	940533 16
papers	citations	h-index	g-index

16	16	16	528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Step-Up Coupled-Inductor Cascade Boost DCâ€“DC Converter With Lossless Passive Snubber. IEEE Transactions on Industrial Electronics, 2018, 65, 7753-7761.	7.9	121
2	Quadratic Boost DCâ€“DC Converter With High Voltage Gain and Reduced Voltage Stresses. IEEE Transactions on Power Electronics, 2019, 34, 2397-2404.	7.9	100
3	Zero-Ripple Input-Current High-Step-Up Boostâ€“SEPIC DCâ€“DC Converter With Reduced Switch-Voltage Stress. IEEE Transactions on Power Electronics, 2017, 32, 6170-6177.	7.9	65
4	Isolated SEPIC DCâ€“DC Converter With Ripple-Free Input Current and Lossless Snubber. IEEE Transactions on Industrial Electronics, 2018, 65, 1254-1262.	7.9	62
5	Single-Stage Bridgeless ACâ€“DC PFC Converter Using a Lossless Passive Snubber and Valley Switching. IEEE Transactions on Industrial Electronics, 2016, 63, 6055-6063.	7.9	50
6	Soft-Switching Two-Switch Resonant ACâ€“DC Converter With High Power Factor. IEEE Transactions on Industrial Electronics, 2016, 63, 2083-2091.	7.9	30
7	Boost-Integrated Two-Switch Forward ACâ€“DC LED Driver With High Power Factor and Ripple-Free Output Inductor Current. IEEE Transactions on Industrial Electronics, 2017, 64, 5789-5796.	7.9	27
8	High stepâ€up cascade synchronous boost DCâ€“DC converter with zeroâ€voltage switching. IET Power Electronics, 2018, 11, 618-625.	2.1	25
9	Efficient bridgeless PFC converter with reduced voltage stress. International Journal of Circuit Theory and Applications, 2016, 44, 1455-1467.	2.0	8
10	Highâ€efficiency softâ€switching stepâ€up DCâ€“DC converter derived from a synchronous boost converter. IET Power Electronics, 2019, 12, 1662-1669.	2.1	6
11	An isolated bridgeless AC-DC PFC converter using a LC resonant voltage doubler rectifier. International Journal of Electronics, 2016, 103, 2125-2139.	1.4	4
12	Buck-Boost AC-DC LED Driver for Lamp with Visible Light Communication Module. Electric Power Components and Systems, 2019, 47, 372-381.	1.8	4
13	Two-Switch CRM Resonant DC-DC Converter with Soft-Switching Operation. International Review of Electrical Engineering, 2014, 9, 681.	0.2	3
14	Isolated High Step-Up Dual-Flyback DCâ€“DC Converter with a Resonant Voltage Multiplier. Electric Power Components and Systems, 2020, 48, 871-880.	1.8	2
15	High step-up-coupled inductor SEPIC DCâ€“DC converter with input current ripple cancellation. Journal of Power Electronics, 2022, 22, 739-749.	1.5	2
16	High Step-Up Cascade Boost DCâ€“DC Converter Using Coupled Inductor with Ripple-Free Input Current. Electric Power Components and Systems, 2018, 46, 814-824.	1.8	1