

Morteza Esteki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Interleaved Buck Converter With Continuous Input Current, Extremely Low Output Current Ripple, Low Switching Losses, and Improved Step-Down Conversion Ratio. IEEE Transactions on Industrial Electronics, 2015, 62, 4769-4776.	7.9	99
2	Fully Soft-Switched High Step-Up Nonisolated Three-Port DC-DC Converter Using GaN HEMTs. IEEE Transactions on Industrial Electronics, 2020, 67, 8371-8380.	7.9	47
3	Soft-Switched Single Inductor Single Stage Multiport Bidirectional Power Converter for Hybrid Energy Systems. IEEE Transactions on Power Electronics, 2021, 36, 11298-11315.	7.9	36
4	Analysis of a New Single-Stage Soft-Switching Power-Factor-Correction LED Driver With Low DC-Bus Voltage. IEEE Transactions on Industrial Electronics, 2018, 65, 3858-3865.	7.9	27
5	High step-down interleaved buck converter with low voltage stress. IET Power Electronics, 2015, 8, 2352-2360.	2.1	25
6	A Lossless Passive Snubber Circuit for Three-Port DC-DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1905-1914.	5.4	24
7	Family of soft-switching pulse-width modulation converters using coupled passive snubber. IET Power Electronics, 2017, 10, 792-800.	2.1	21
8	A Single-Switch Single-Magnetic Core High Conversion Ratio Converter With Low Input Current Ripple and Wide Soft-Switching Range for Photovoltaic Applications. IEEE Transactions on Power Electronics, 2020, 35, 7226-7234.	7.9	17
9	High step-down dc-dc converter with low voltage stress and wide soft-switching range. IET Power Electronics, 2020, 13, 3001-3008.	2.1	17
10	Asymmetric ZVS Buck Converters With High-Step-Down Conversion Ratio. IEEE Transactions on Industrial Electronics, 2021, 68, 7957-7964.	7.9	14
11	Auxiliary circuit for zero-voltage-transition interleaved pulse-width modulation buck converter. IET Power Electronics, 2016, 9, 568-575.	2.1	13
12	Soft switching interleaved PWM buck converter with one auxiliary switch. , 2014, , .		12
13	Family of zero voltage transition interleaved converters with low voltage and current stress. IET Power Electronics, 2018, 11, 1886-1893.	2.1	12
14	High step-up/down DC-DC bidirectional converter with low switch voltage stress. , 2015, , .		11
15	Bidirectional ZVS Buck-Boost Converter With Single Auxiliary Switch and Continuous Current at Low Voltage Source. IEEE Transactions on Industrial Electronics, 2022, 69, 2480-2487.	7.9	10
16	Fully Soft-Switched Non-Isolated High Step-Down DC-DC Converter With Reduced Voltage Stress and Expanding Capability. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 796-805.	5.4	9
17	New high step-up DC-DC converter for photovoltaic grid-connected applications. , 2015, , .		7
18	Single-Switch Single-Magnetic Core High Step-up Converter with Continuous Input Current and Reduced Voltage Stress for Photovoltaic Applications. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Ultra-high Step-down Interleaved Converter with Low Semiconductor Voltage Stress. , 2020, , .		4
20	Family of single-switch-soft switching PWM converters with single magnetic core. , 2016, , .		3
21	An Improved Cascade Buck Converter for High Step-Down DC-DC Applications. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 626-634.	3.9	3
22	A High Voltage Gain ZVT Quasi-Z-Source Converter With Reduced Voltage Stress. IEEE Transactions on Power Electronics, 2022, 37, 13696-13710.	7.9	3
23	A high step-down DC-DC converter with low switch voltage stress and extremely low output current ripple. , 2016, , .		2
24	A Soft Switching Interleaved High Step-down Converter with Low Voltage Stress. , 2021, , .		2
25	Forward converter using a resonant auxiliary circuit to provide soft-switching and reset the magnetic core. IET Power Electronics, 2022, 15, 1713-1724.	2.1	2
26	A High-frequency Compact Zero-Voltage-Transition GaN-based Single-phase Inverter. , 2022, , .		1