

Esam H Ismail

List of Publications by Year in descending order

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times ranked

912
citing authors

#	ARTICLE	IF	CITATIONS
1	A Family of Single-Switch PWM Converters With High Step-Up Conversion Ratio. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 1159-1171.	5.4	292
2	New Bridgeless DCM Sepic and Cuk PFC Rectifiers With Low Conduction and Switching Losses. IEEE Transactions on Industry Applications, 2011, 47, 873-881.	4.9	230
3	Bridgeless SEPIC Rectifier With Unity Power Factor and Reduced Conduction Losses. IEEE Transactions on Industrial Electronics, 2009, 56, 1147-1157.	7.9	196
4	New Efficient Bridgeless Cuk Rectifiers for PFC Applications. IEEE Transactions on Power Electronics, 2012, 27, 3292-3301.	7.9	187
5	Ultra Step-Up DC-DC Converter With Reduced Switch Stress. IEEE Transactions on Industry Applications, 2010, 46, 2025-2034.	4.9	171
6	High Conversion Ratio DC-DC Converters With Reduced Switch Stress. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 2139-2151.	5.4	115
7	High voltage step-up integrated double Boost-Sepic DC-DC converter for fuel-cell and photovoltaic applications. Renewable Energy, 2015, 82, 44-53.	8.9	79
8	A high voltage ratio and low stress DC-DC converter with reduced input current ripple for fuel cell source. Renewable Energy, 2015, 82, 35-43.	8.9	76
9	Bridgeless PFC-Modified SEPIC Rectifier With Extended Gain for Universal Input Voltage Applications. IEEE Transactions on Power Electronics, 2015, 30, 4272-4282.	7.9	74
10	Buck-Boost-Type Unity Power Factor Rectifier With Extended Voltage Conversion Ratio. IEEE Transactions on Industrial Electronics, 2008, 55, 1123-1132.	7.9	53
11	Bridgeless High-Power-Factor Buck-Converter Operating in Discontinuous Capacitor Voltage Mode. IEEE Transactions on Industry Applications, 2014, 50, 3457-3467.	4.9	41
12	Bidirectional converter for high-efficiency fuel cell powertrain. Journal of Power Sources, 2014, 249, 470-482.	7.8	33
13	A Bridgeless Resonant Pseudoboost PFC Rectifier. IEEE Transactions on Power Electronics, 2014, 29, 5949-5960.	7.9	31
14	Family of ZC-ZVS converters with wide voltage range for renewable energy systems. Renewable Energy, 2013, 56, 32-43.	8.9	24
15	High efficiency quadratic boost converter. , 2012, , .		14
16	Bridgeless high voltage battery charger PFC rectifier. Renewable Energy, 2013, 56, 24-31.	8.9	13
17	New “real” bridgeless high efficiency AC-DC converter. , 2012, , .		10
18	Bridgeless high power factor Buck-converter operating in discontinuous capacitor voltage mode. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	Singleâ€stage singleâ€switch PFC converter for wideâ€input extreme stepâ€down voltage applications. International Journal of Circuit Theory and Applications, 2013, 41, 701-720.	2.0	4
20	Modelling and simulation of bridgeless PFC modified SEPIC rectifier with multiplier cell. , 2014, , .		2
21	Bridgeless PFC SEPIC rectifier with extended gain for universal input voltage applications. , 2014, , .		2
22	Non-isolated single stage PFC rectifier for wide-input large step-down voltage applications. , 2009, , .		1