

# Ismail Aksoy

## List of Publications by Year in descending order

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486  
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#	ARTICLE	IF	CITATIONS
1	A Bidirectional Nonisolated Multi-Input DC-DC Converter for Hybrid Energy Storage Systems in Electric Vehicles. IEEE Transactions on Vehicular Technology, 2016, 65, 7944-7955.	6.3	192
2	A New ZVT-ZCT-PWM DC-DC Converter. IEEE Transactions on Power Electronics, 2010, 25, 2093-2105.	7.9	107
3	An Improved PSFB PWM DC-DC Converter for High-Power and Frequency Applications. IEEE Transactions on Power Electronics, 2013, 28, 64-74.	7.9	77
4	A Novel ZVT-ZCT-PWM Boost Converter. IEEE Transactions on Power Electronics, 2014, 29, 256-265.	7.9	70
5	ZVT-PWM DC-DC boost converter with active snubber cell. IET Power Electronics, 2017, 10, 251-260.	2.1	36
6	Analysis, Design, and Implementation of a Zero-Voltage-Transition Interleaved Boost Converter. Journal of Power Electronics, 2017, 17, 41-55.	1.5	17
7	A highly efficient ZVT-ZCT PWM boost converter with direct power transfer. Electrical Engineering, 2018, 100, 1113-1123.	2.0	12
8	Comparison of SVPWM, SPWM and HCC control techniques in power control of PMSG used in wind turbine systems. , 2015, , .		8
9	A new PSFB converter-based inverter arc welding machine with high power density and high efficiency. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 1501-1516.	1.4	6
10	A new ZCT-ZVT PWM interleaved DC-DC boost converter. , 2015, , .		4
11	A new single stage power factor correction circuit with resonant circuit and soft switching. , 2013, , .		3
12	A new Zero-Voltage-Transition PWM DC-DC boost converter. , 2015, , .		3
13	A new reduced voltage stress ZVT-ZVS PWM full-bridge dc-dc converter. , 2015, , .		3
14	A new soft switching three level T-type inverter. , 2016, , .		3
15	A soft switching power factor correction interleaved AC-DC boost converter. , 2016, , .		2
16	A new forward-flyback based single switch single stage PFC converter. , 2015, , .		1
17	Active snubber components optimization for ZVT-ZCT soft switched PFC converter. , 2011, , .		0
18	A new single stage single phase power factor corrected and isolated AC-DC converter based on resonance and soft switching. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1487-1501.	1.4	0