

# Ahmet Karaarslan

## List of Publications by Year in descending order

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15  
papers

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citations

1937685

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1720034

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15  
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docs citations

15  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and comparison of current control methods on bridgeless converter to improve power quality. International Journal of Electrical Power and Energy Systems, 2013, 51, 1-13.	5.5	14
2	The implementation of bee colony optimization control method for interleaved converter. Electrical Engineering, 2016, 98, 109-119.	2.0	9
3	Pre-calculated duty cycle optimization method based on genetic algorithm implemented in DSP for a non-inverting buck-boost converter. Journal of Power Electronics, 2020, 20, 34-42.	1.5	8
4	Two new impedance source network topologies for inverter applications. International Journal of Electronics, 2019, 106, 599-619.	1.4	4
5	Robust predictive sensorless control method for doubly fed induction generator controlled by matrix converter. International Transactions on Electrical Energy Systems, 2020, 30, e12650.	1.9	2
6	DSP-based comparison of PFC control techniques applied on bridgeless converter. IET Power Electronics, 2020, 13, 317-323.	2.1	2
7	The performance analysis of AC-DC bridgeless converter using fuzzy self-tuning and comparing with PI control method. Journal of Intelligent and Fuzzy Systems, 2018, 35, 4629-4642.	1.4	1
8	Source current quality improvement of finite control set model predictive control-based matrix converter under distorted source voltage conditions. International Transactions on Electrical Energy Systems, 2020, 30, e12459.	1.9	1
9	Error minimization based on multi-objective finite control set model predictive control for matrix converter in DFIG. International Journal of Electrical Power and Energy Systems, 2021, 126, 106575.	5.5	1
10	Harmonic analysis of GaN-HEMTs at different temperatures and frequencies using Volterra power series. International Journal of Electronics, 2015, 102, 172-186.	1.4	0
11	The detailed analysis of rate equation roots of BH-laser diode using Volterra series. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 539-547.	1.4	0
12	Extended Kalman Filter Design for Model Predictive Current Controlled DFIG. , 2019, , .		0
13	Modified Three Phase Quasi Z Source Inverter using Sliding Mode Control Method. , 2019, , .		0
14	A Reduced Order Observer Design for Sensorless DFIG. , 2019, , .		0
15	The design of isolated multiphase interleaved converter for battery charging of military applications. SN Applied Sciences, 2020, 2, 1.	2.9	0