

Ahmet Karaarslan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

42
citations

1937685

4
h-index

1720034

7
g-index

15
all docs

15
docs citations

15
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	DSP based comparison of PFC control techniques applied on bridgeless converter. IET Power Electronics, 2020, 13, 317-323.	2.1	2
5	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
6	The design of isolated multiphase interleaved converter for battery charging of military applications. SN Applied Sciences, 2020, 2, 1.	2.9	0
7	Extended Kalman Filter Design for Model Predictive Current Controlled DFIG. , 2019, , .		0
8	Modified Three Phase Quasi Z Source Inverter using Sliding Mode Control Method. , 2019, , .		0
9	A Reduced Order Observer Design for Sensorless DFIG. , 2019, , .		0
10	Two new impedance source network topologies for inverter applications. International Journal of Electronics, 2019, 106, 599-619.	1.4	4
11	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
12	The implementation of bee colony optimization control method for interleaved converter. Electrical Engineering, 2016, 98, 109-119.	2.0	9
13	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
14	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
15	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