

# Alper Nabi Akpolat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5732502/publications.pdf>

Version: 2024-02-01

15  
papers

134  
citations

1684188

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1588992

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16  
all docs

16  
docs citations

16  
times ranked

89  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Stabilization of DC Microgrids Using ANN-Based Model Predictive Control. IEEE Transactions on Energy Conversion, 2022, 37, 999-1010.	5.2	19
2	Sensorless Control of DC Microgrid Based on Artificial Intelligence. IEEE Transactions on Energy Conversion, 2021, 36, 2319-2329.	5.2	18
3	Sensorless Voltage Estimation for Total Harmonic Distortion Calculation Using Artificial Neural Networks in Microgrids. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2583-2587.	3.0	14
4	Deep Learning-Aided Sensorless Control Approach for PV Converters in DC Nanogrids. IEEE Access, 2021, 9, 106641-106654.	4.2	2
5	Design Implementation and Operation of an Education Laboratory-Scale Microgrid. IEEE Access, 2021, 9, 57949-57966.	4.2	14
6	Compensation of distortions in VSC-based DC-AC power systems using a modified vector control method. Control Engineering Practice, 2021, 114, 104864.	5.5	5
7	Inverter-based modeling and energy efficiency analysis of off-grid hybrid power system in distributed generation. Computers and Electrical Engineering, 2021, 96, 107476.	4.8	5
8	Li-ion-based Battery Pack Designing and Sizing for Electric Vehicles under Different Road Conditions. , 2020, , .		5
9	AI-Aided Control of a Power Converter in Wind Energy Conversion System. , 2020, , .		6
10	Optimal PV Generation Using Symbiotic Organisms Search Optimization Algorithm-Based MPPT. , 2020, , .		3
11	Modeling Photovoltaic String in PLECS Under Partial Shading. , 2019, , .		6
12	Performance Analysis of a Grid-Connected Rooftop Solar Photovoltaic System. Electronics (Switzerland), 2019, 8, 905.	3.1	34
13	Internet of Things for the Distributed Generation. , 2019, , .		0
14	Towards to smart grid: Dynamic line rating. , 2018, , .		3
15	Supervised Learning-Aided Control of a DC-DC Power Converter in Wind Energy Conversion Systems. International Journal of Advances in Engineering and Pure Sciences, 0, , .	0.8	0