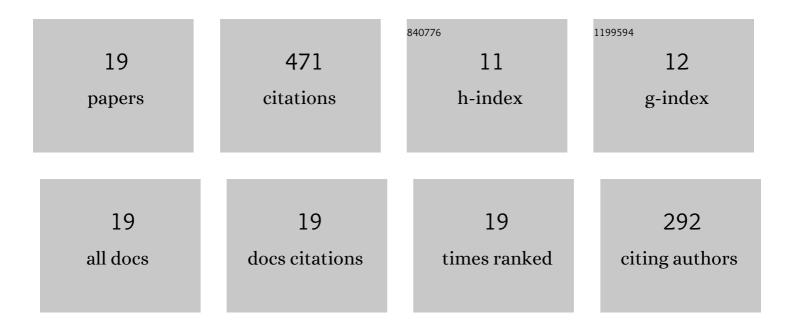
Mohamed Abdelkarim Abdelbaky

List of Publications by Year in descending order

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Mohamed Abdelkarim

#	Article	IF	CITATIONS
1	Design and implementation of partial offline fuzzy model-predictive pitch controller for large-scale wind-turbines. Renewable Energy, 2020, 145, 981-996.	8.9	65
2	An advanced virtual synchronous generator control technique for frequency regulation of grid-connected PV system. International Journal of Electrical Power and Energy Systems, 2021, 125, 106440.	5.5	58
3	Adaptive and Fuzzy PI Controllers Design for Frequency Regulation of Isolated Microgrid Integrated With Electric Vehicles. IEEE Access, 2020, 8, 87621-87632.	4.2	55
4	Aggregation of EVs for Primary Frequency Control of an Industrial Microgrid by Implementing Grid Regulation & Charger Controller. IEEE Access, 2020, 8, 141977-141989.	4.2	45
5	Frequency Regulation of an Isolated Microgrid With Electric Vehicles and Energy Storage System Integration Using Adaptive and Model Predictive Controllers. IEEE Access, 2021, 9, 14958-14970.	4.2	45
6	V2G Strategy for Primary Frequency Control of an Industrial Microgrid Considering the Charging Station Operator. Electronics (Switzerland), 2020, 9, 549.	3.1	41
7	Wind Turbine Control Using Nonlinear Economic Model Predictive Control over All Operating Regions. Energies, 2020, 13, 184.	3.1	40
8	Large-scale wind farm control using distributed economic model predictive scheme. Renewable Energy, 2022, 181, 581-591.	8.9	27
9	Nonlinear MPC for DFIG-based wind power generation under unbalanced grid conditions. International Journal of Electrical Power and Energy Systems, 2022, 134, 107416.	5.5	20
10	Design of MIMO Antenna with an Enhanced Isolation Technique. Electronics (Switzerland), 2020, 9, 1217.	3.1	18
11	Improvement of Power Converters Performance by an Efficient Use of Dead Time Compensation Technique. Applied Sciences (Switzerland), 2020, 10, 3121.	2.5	17
12	Wind Turbines Pitch Controller using Constrained Fuzzy-Receding Horizon Control. , 2019, , .		11
13	Optimal Power-Gas Flow of Integrated Electricity and Natural Gas System: A Sequential MISOCP Approach. , 2019, , .		8
14	Detection and Localization the Open and Short Circuit Faults in PV System: A MILP Approach. , 2020, , .		7
15	Photovoltaic Failure Diagnosis Using Sequential Probabilistic Neural Network Model. IEEE Access, 2020, 8, 220507-220522.	4.2	6
16	Implementation of Fractional-order PID Controller Using Industrial DCS with Experimental Validation. , 2020, , .		5
17	Frequency Regulation and optimization of Microgrid System with Multi PV-VSG using Advanced Droop Controller. , 2020, , .		2
18	Stable Economic Model-Predictive Control for T-S Fuzzy Systems with Persistent Disturbances. , 2021, , .		1

#	Article	IF	CITATIONS
19	Wind Turbine System based Virtual Synchronous Generator Control for Microgrid Frequency Regulation. E3S Web of Conferences, 2021, 261, 01024.	0.5	0