

# Sabir Ouchen

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

269  
citations

1478505

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h-index

1474206

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all docs

20  
docs citations

20  
times ranked

200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy-predictive direct power control implementation of a grid connected photovoltaic system, associated with an active power filter. Energy Conversion and Management, 2016, 122, 515-525.	9.2	63
2	Direct Power Control of Shunt Active Power Filter Using Space Vector Modulation Based on Supertwisting Sliding Mode Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3243-3253.	5.4	56
3	Experimental validation of sliding mode-predictive direct power control of a grid connected photovoltaic system, feeding a nonlinear load. Solar Energy, 2016, 137, 328-336.	6.1	34
4	Robust DPC-SVM control strategy for shunt active power filter based on H $\infty$ regulators. International Journal of Electrical Power and Energy Systems, 2020, 117, 105699.	5.5	33
5	Simulation and real time implementation of predictive direct power control for three phase shunt active power filter using robust phase-locked loop. Simulation Modelling Practice and Theory, 2017, 78, 1-17.	3.8	27
6	Energy quality improvement of three-phase shunt active power filter under different voltage conditions based on predictive direct power control with disturbance rejection principle. Mathematics and Computers in Simulation, 2019, 158, 506-519.	4.4	10
7	Design and experimental validation study on direct power control applied on active power filter. , 2016, , .		9
8	Simulation and practical implementation of direct power control applied on PWM rectifier. , 2017, , .		7
9	Performance Analysis of Direct Power Control with Space Vector Modulation for Shunt Active Power Filter. , 2019, , .		7
10	Low Voltage Ride Through Control for Grid-Connected Inverter Under Balanced and Unbalanced Voltage Drops. , 2019, , .		5
11	Implementation of a real-time energy management consisting of a battery and a supercapacitor. , 2017, , .		3
12	Fuzzy-Direct Power Control of a Grid Connected Photovoltaic System Associate with Shunt Active Power Filter. Lecture Notes in Networks and Systems, 2018, , 164-172.	0.7	3
13	Simulation and Real Time Implementation of Direct Power Control Applied to Parallel Active Filtering Based on Fuzzy Logic Controller. , 2018, , .		3
14	Predictive Current Control of Three Level Neutral Point Clamped Grid Connected Inverter in Photovoltaic Generation Systems. , 2018, , .		2
15	Linear parameter varying sensorless torque control for singularly perturbed induction motor with torque and flux observers. Electrical Engineering, 2021, 103, 505-518.	2.0	2
16	DPC-SVM Controlled Strategy for a Three-Level Shunt Active Power Filter Grid Connected Photovoltaic System Optimized by Super Twisting Sliding Mode Technique. Lecture Notes in Networks and Systems, 2022, , 245-255.	0.7	2
17	Fundamental frequency PWM control of IGBT clamped three phase nine levels inverter topology for photovoltaic system. , 2016, , .		1
18	Improved Direct Power Control Applied to Parallel Active Filtering Based on Fuzzy Logic Controller. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Comparative Study between DPC and PDPC Controls Applied on Shunt Active Power Filter. , 2022, , .		1
20	Low Voltage Ride Through Control for Grid-connected Inverter Based on Second Order Generalized Integrator under Unbalanced Faults. , 2019, , .		0