

# Ali Bechouche

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

232  
citations

1478505

6  
h-index

1281871

11  
g-index

26  
all docs

26  
docs citations

26  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorless predictive control of voltage source inverters for renewable energies integration under unbalanced and distorted grid conditions. <i>Electrical Engineering</i> , 2022, 104, 1781-1796.	2.0	2
2	Virtual Flux Estimation for Sensorless Predictive Control of PWM Rectifiers Under Unbalanced and Distorted Grid Conditions. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021, 9, 1923-1937.	5.4	26
3	An Accurate Orthogonal Signal Generator for Voltage Control in Synchronous Reference Frame of Stand-Alone Single-Phase Voltage Source Inverters. <i>European Journal of Electrical Engineering</i> , 2021, 23, 113-122.	0.3	2
4	An Improved Incremental Conductance Based MPPT Algorithm for Photovoltaic Systems. , 2021, , .		1
5	Experimental and predicted XLPE cable insulation properties under UV radiation. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2020, 28, 1763-1775.	1.4	5
6	Unity Efficiency and Zero-Oscillations Based MPPT for Photovoltaic Systems. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2020, 56, 75-84.	1.6	2
7	Improved D-Q Frame Controller for Stand-Alone Single-Phase Inverters. , 2020, , .		1
8	Unity Efficiency and Low-Cost MPPT Method for Single-Stage Grid-Connected PV System. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 539-552.	0.4	0
9	ADALINE Based MPPT With Indirect Control Mode for Photovoltaic Systems. , 2019, , .		2
10	High Performance Control of Single-Phase Full Bridge Inverters Under Linear and Nonlinear Loads. , 2019, , .		3
11	Adaptive neural networks for AC voltage sensorless control of three-phase PWM rectifiers. <i>International Journal of Modelling, Identification and Control</i> , 2019, 31, 139.	0.2	6
12	Adaptive neural networks for AC voltage sensorless control of three-phase PWM rectifiers. <i>International Journal of Modelling, Identification and Control</i> , 2019, 31, 139.	0.2	0
13	Grid Voltages Estimation for Three-Phase PWM Rectifiers Control Without AC Voltage Sensors. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 859-875.	7.9	74
14	A Smart Battery Charger Based on a Cascaded Boost-Buck Converter for Photovoltaic Applications. , 2018, , .		14
15	Predictive direct power control with virtual-flux estimation of three-phase PWM rectifiers under nonideal grid voltages. , 2018, , .		4
16	ADALINE based maximum power point tracking methods for stand-alone PV systems control. , 2018, , .		6
17	Neural Filter Based Integrator for Virtual Flux Estimation in Direct Power Control of Three-Phase PWM Rectifiers. <i>IFAC-PapersOnLine</i> , 2017, 50, 7013-7018.	0.9	1
18	Sensorless virtual-flux based predictive direct power control of three-phase PWM rectifiers. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Estimation of equivalent inductance and resistance for adaptive control of three-phase PWM rectifiers. , 2016, , .		11
20	AC voltage sensorless control of three-phase PWM rectifiers. , 2015, , .		3
21	Adaptive ac filter parameters identification for voltage-oriented control of three-phase voltage-source rectifiers. International Journal of Modelling, Identification and Control, 2015, 24, 319.	0.2	13
22	Adaptive ac filter parameters identification of three-phase PWM rectifiers. , 2014, , .		6
23	Adaptive Neural PLL for Grid-connected DFIG Synchronization. Journal of Power Electronics, 2014, 14, 608-620.	1.5	17
24	ADALINE approach for induction motor mechanical parameters identification. Mathematics and Computers in Simulation, 2013, 90, 86-97.	4.4	15
25	An adaptive neural PLL for grid synchronization. , 2012, , .		12
26	Identification of induction motor at standstill using artificial neural network. , 2010, , .		5