

# Djaffar Ould Abdeslam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1868947/publications.pdf>

Version: 2024-02-01

41  
papers

952  
citations

516561

16  
h-index

477173

29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and realisation of a three-phase inverter controlled through sinus triangle and space vector pulse width modulation for photovoltaic systems. International Journal of Ambient Energy, 2022, 43, 2360-2368.	1.4	2
2	Sensorless predictive control of voltage source inverters for renewable energies integration under unbalanced and distorted grid conditions. Electrical Engineering, 2022, 104, 1781-1796.	1.2	2
3	Comparison of algorithms for error prediction in manufacturing with automl and a cost-based metric. Journal of Intelligent Manufacturing, 2022, 33, 555-573.	4.4	4
4	Real-time implementation of improved power frequency approach based energy management of fuel cell electric vehicle considering storage limitations. Energy, 2022, 249, 123743.	4.5	8
5	Aspects of Module Placement in Machine Learning Operations for Cyber Physical Systems. , 2022, , .		2
6	Virtual Flux Estimation for Sensorless Predictive Control of PWM Rectifiers Under Unbalanced and Distorted Grid Conditions. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1923-1937.	3.7	26
7	Analysis of an Active Charge Balancing Method Based on a Single Nonisolated DC/DC Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 2257-2265.	5.2	24
8	Study of economic and sustainable energy supply for water irrigation system (WIS). Sustainable Energy, Grids and Networks, 2021, 25, 100412.	2.3	20
9	Adaptive Online State of Charge Estimation of EVs Lithium-Ion Batteries with Deep Recurrent Neural Networks. Energies, 2021, 14, 758.	1.6	24
10	New Time-Frequency Transient Features for Nonintrusive Load Monitoring. Energies, 2021, 14, 1437.	1.6	14
11	AF episodes recognition using optimized time-frequency features and cost-sensitive SVM. Physical and Engineering Sciences in Medicine, 2021, 44, 613-624.	1.3	3
12	Monitoring, measured and simulated performance analysis of a 2.4 kWp grid-connected PV system installed on the Mulhouse campus, France. Energy for Sustainable Development, 2021, 62, 44-55.	2.0	28
13	Demystifying MLOps and Presenting a Recipe for the Selection of Open-Source Tools. Applied Sciences (Switzerland), 2021, 11, 8861.	1.3	41
14	Detecting Cyber-Physical-Attacks in AC microgrids using artificial neural networks. , 2021, , .		3
15	Analyze and evaluate of energy management system for fuel cell electric vehicle based on frequency splitting. Mathematics and Computers in Simulation, 2020, 167, 65-77.	2.4	18
16	Microgrid Cyber-Security: Review and Challenges toward Resilience. Applied Sciences (Switzerland), 2020, 10, 5649.	1.3	44
17	Unity Efficiency and Zero-Oscillations Based MPPT for Photovoltaic Systems. Applied Solar Energy (English Translation of Geliotekhnika), 2020, 56, 75-84.	0.2	2
18	Expansion and Superposition of Switching Cycles to generate Simulation Datasets for NILM. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Frequency Invariant Transformation of Periodic Signals (FIT-PS) for Classification in NILM. IEEE Transactions on Smart Grid, 2019, 10, 5556-5563.	6.2	16
20	Adaptive neural networks for AC voltage sensorless control of three-phase PWM rectifiers. International Journal of Modelling, Identification and Control, 2019, 31, 139.	0.2	0
21	Grid Voltages Estimation for Three-Phase PWM Rectifiers Control Without AC Voltage Sensors. IEEE Transactions on Power Electronics, 2018, 33, 859-875.	5.4	74
22	Predictive direct power control with virtual-flux estimation of three-phase PWM rectifiers under nonideal grid voltages. , 2018, , .		4
23	ADALINE based maximum power point tracking methods for stand-alone PV systems control. , 2018, , .		6
24	S-transform based on compact support kernel. , 2017, 62, 137-149.		17
25	Neural Filter Based Integrator for Virtual Flux Estimation in Direct Power Control of Three-Phase PWM Rectifiers. IFAC-PapersOnLine, 2017, 50, 7013-7018.	0.5	1
26	Performance estimation of a cell-to-cell-type active balancing circuit for lithium-ion battery systems. , 2017, , .		11
27	Direct neural method for harmonic currents estimation using adaptive linear element. Electric Power Systems Research, 2017, 152, 61-70.	2.1	10
28	Multi-objective optimization of ANN fault diagnosis model for rotating machinery using grey rational analysis in Taguchi method. International Journal of Advanced Manufacturing Technology, 2017, 89, 3009-3020.	1.5	13
29	Sensorless virtual-flux based predictive direct power control of three-phase PWM rectifiers. , 2017, , .		1
30	Frequency invariant transformation of periodic signals (FIT-PS) for signal representation in NILM. , 2016, , .		9
31	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
32	Adaptive ac filter parameters identification of three-phase PWM rectifiers. , 2014, , .		6
33	Direct power control of shunt active filter using high selectivity filter (HSF) under distorted or unbalanced conditions. Electric Power Systems Research, 2014, 108, 113-123.	2.1	43
34	QRS detection using S-Transform and Shannon energy. Computer Methods and Programs in Biomedicine, 2014, 116, 1-9.	2.6	123
35	Adaptive Neural PLL for Grid-connected DFIG Synchronization. Journal of Power Electronics, 2014, 14, 608-620.	0.9	17
36	ECG beat classification using a cost sensitive classifier. Computer Methods and Programs in Biomedicine, 2013, 111, 570-577.	2.6	71

#	ARTICLE	IF	CITATIONS
37	A comparative study of harmonic currents extraction by simulation and implementation. International Journal of Electrical Power and Energy Systems, 2013, 53, 507-514.	3.3	31
38	ADALINE approach for induction motor mechanical parameters identification. Mathematics and Computers in Simulation, 2013, 90, 86-97.	2.4	15
39	Adaline for Online Symmetrical Components and Phase-Angles Identification in Transmission Lines. IEEE Transactions on Power Delivery, 2012, 27, 1134-1143.	2.9	10
40	A Unified Artificial Neural Network Architecture for Active Power Filters. IEEE Transactions on Industrial Electronics, 2007, 54, 61-76.	5.2	191
41	S-Transform with a Compact Support Kernel and Classification Models Based Power Quality Recognition. Journal of Electrical Engineering and Technology, 0, , 1.	1.2	3