

Djaffar Ould Abdeslam

List of Publications by Year in descending order

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papers

952
citations

516561

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all docs

41
docs citations

41
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified Artificial Neural Network Architecture for Active Power Filters. IEEE Transactions on Industrial Electronics, 2007, 54, 61-76.	5.2	191
2	QRS detection using S-Transform and Shannon energy. Computer Methods and Programs in Biomedicine, 2014, 116, 1-9.	2.6	123
3	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
4	ECG beat classification using a cost sensitive classifier. Computer Methods and Programs in Biomedicine, 2013, 111, 570-577.	2.6	71
5	Microgrid Cyber-Security: Review and Challenges toward Resilience. Applied Sciences (Switzerland), 2020, 10, 5649.	1.3	44
6	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
7	Demystifying MLOps and Presenting a Recipe for the Selection of Open-Source Tools. Applied Sciences (Switzerland), 2021, 11, 8861.	1.3	41
8	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
9	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
10	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
11	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
12	Adaptive Online State of Charge Estimation of EVs Lithium-Ion Batteries with Deep Recurrent Neural Networks. Energies, 2021, 14, 758.	1.6	24
13	Study of economic and sustainable energy supply for water irrigation system (WIS). Sustainable Energy, Grids and Networks, 2021, 25, 100412.	2.3	20
14	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
15	S-transform based on compact support kernel. , 2017, 62, 137-149.		17
16	Adaptive Neural PLL for Grid-connected DFIG Synchronization. Journal of Power Electronics, 2014, 14, 608-620.	0.9	17
17	Frequency Invariant Transformation of Periodic Signals (FIT-PS) for Classification in NILM. IEEE Transactions on Smart Grid, 2019, 10, 5556-5563.	6.2	16
18	ADALINE approach for induction motor mechanical parameters identification. Mathematics and Computers in Simulation, 2013, 90, 86-97.	2.4	15

#	ARTICLE	IF	CITATIONS
19	New Time-Frequency Transient Features for Nonintrusive Load Monitoring. <i>Energies</i> , 2021, 14, 1437.	1.6	14
20	Adaptive ac filter parameters identification for voltage-oriented control of three-phase voltage-source rectifiers. <i>International Journal of Modelling, Identification and Control</i> , 2015, 24, 319.	0.2	13
21	Multi-objective optimization of ANN fault diagnosis model for rotating machinery using grey rational analysis in Taguchi method. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 3009-3020.	1.5	13
22	Performance estimation of a cell-to-cell-type active balancing circuit for lithium-ion battery systems. , 2017, , .		11
23	Adaline for Online Symmetrical Components and Phase-Angles Identification in Transmission Lines. <i>IEEE Transactions on Power Delivery</i> , 2012, 27, 1134-1143.	2.9	10
24	Direct neural method for harmonic currents estimation using adaptive linear element. <i>Electric Power Systems Research</i> , 2017, 152, 61-70.	2.1	10
25	Frequency invariant transformation of periodic signals (FIT-PS) for signal representation in NILM. , 2016, , .		9
26	Real-time implementation of improved power frequency approach based energy management of fuel cell electric vehicle considering storage limitations. <i>Energy</i> , 2022, 249, 123743.	4.5	8
27	Adaptive ac filter parameters identification of three-phase PWM rectifiers. , 2014, , .		6
28	ADALINE based maximum power point tracking methods for stand-alone PV systems control. , 2018, , .		6
29	Predictive direct power control with virtual-flux estimation of three-phase PWM rectifiers under nonideal grid voltages. , 2018, , .		4
30	Comparison of algorithms for error prediction in manufacturing with automl and a cost-based metric. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 555-573.	4.4	4
31	AF episodes recognition using optimized time-frequency features and cost-sensitive SVM. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 613-624.	1.3	3
32	Detecting Cyber-Physical-Attacks in AC microgrids using artificial neural networks. , 2021, , .		3
33	S-Transform with a Compact Support Kernel and Classification Models Based Power Quality Recognition. <i>Journal of Electrical Engineering and Technology</i> , 0, , 1.	1.2	3
34	Unity Efficiency and Zero-Oscillations Based MPPT for Photovoltaic Systems. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2020, 56, 75-84.	0.2	2
35	Simulation and realisation of a three-phase inverter controlled through sinus triangle and space vector pulse width modulation for photovoltaic systems. <i>International Journal of Ambient Energy</i> , 2022, 43, 2360-2368.	1.4	2
36	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.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Expansion and Superposition of Switching Cycles to generate Simulation Datasets for NILM. , 2020, , .		2
38	Aspects of Module Placement in Machine Learning Operations for Cyber Physical Systems. , 2022, , .		2
39	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
40	Sensorless virtual-flux based predictive direct power control of three-phase PWM rectifiers. , 2017, , .		1
41	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