

# Naji Al Sayari

## List of Publications by Year in descending order

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citations

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docs citations

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times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Notch Filter-Based Multipurpose Control Scheme for Grid-Interfaced Three-Phase Four-Wire DG Inverter. IEEE Transactions on Industry Applications, 2017, 53, 4015-4027.	3.3	68
2	A Multitasking Control Algorithm for Grid-Connected Inverters in Distributed Generation Applications Using Adaptive Noise Cancellation Filters. IEEE Transactions on Energy Conversion, 2016, 31, 714-727.	3.7	65
3	Control scheme for grid-tied distributed generation inverter under unbalanced and distorted utility conditions with power quality ancillary services. IET Renewable Power Generation, 2016, 10, 140-149.	1.7	56
4	Third order sinusoidal integrator (TOSSI)-based control algorithm for shunt active power filter under distorted and unbalanced voltage conditions. International Journal of Electrical Power and Energy Systems, 2018, 96, 152-162.	3.3	39
5	Control of Single-Phase Solar Power Generation System With Universal Active Power Filter Capabilities Using Least Mean Mixed-Norm (LMMN)-Based Adaptive Filtering Method. IEEE Transactions on Sustainable Energy, 2020, 11, 879-893.	5.9	34
6	An improved control strategy of 3P4W DVR systems under unbalanced and distorted voltage conditions. International Journal of Electrical Power and Energy Systems, 2018, 98, 233-242.	3.3	27
7	An adaptive control algorithm for grid-interfacing inverters in renewable energy based distributed generation systems. Energy Conversion and Management, 2016, 111, 443-452.	4.4	26
8	A Comprehensive Review on CubeSat Electrical Power System Architectures. IEEE Transactions on Power Electronics, 2022, 37, 3161-3177.	5.4	24
9	Grid integration improvement for single-phase inverters of small wind turbines under distorted voltage conditions. International Journal of Electrical Power and Energy Systems, 2017, 87, 144-153.	3.3	18
10	Winding turn-to-turn short-circuit diagnosis using FRA method: sensitivity of measurement configuration. IET Science, Measurement and Technology, 2019, 13, 17-24.	0.9	17
11	Analysis of Nonlinear Dynamics of a Quadratic Boost Converter Used for Maximum Power Point Tracking in a Grid-Interlinked PV System. Energies, 2019, 12, 61.	1.6	14
12	Fault-tolerant control of MMCs based on SCDSMs in HVDC systems during DC-cable short circuits. International Journal of Electrical Power and Energy Systems, 2018, 100, 379-390.	3.3	12
13	Grid synchronization and control of distributed generation unit with flexible load compensation capabilities using multi-output LMS-filter. International Journal of Electrical Power and Energy Systems, 2017, 93, 253-265.	3.3	9
14	Coordinated control of parallel operated renewable-energy-based DG systems. IET Renewable Power Generation, 2018, 12, 1623-1632.	1.7	9
15	Seamless transition scheme between grid-tied and stand-alone modes of distributed generation inverters. , 2017, , .		5
16	A Submodule-Capacitor Voltage Balancing Strategy for Alternative-Arm Converters in HVDC Systems. IEEE Transactions on Power Delivery, 2019, 34, 795-806.	2.9	5
17	Mitigation of harmonics in drilling rigs using shunt active power filters. , 2016, , .		4
18	Adaptive notch filter based multipurpose control scheme for grid-interfaced three-phase four-wire DG inverter. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	Implementation of a DSPACE-based standalone renewable energy supply feeding an isolated load. International Journal of Energy and Environmental Engineering, 2016, 7, 125-135.	1.3	3
20	Control of dual converter-based grid-tied SPV system with series-shunt compensation capabilities. IET Renewable Power Generation, 2020, 14, 164-175.	1.7	2
21	Mitigation of low and high frequency harmonics in variable speed AC drives used in oil rigs. , 2014, , .		1
22	Real-time simulation based performance analysis of active filters for oil drilling rigs. , 2015, , .		1
23	An isolated renewable energy source based regulated single phase power supply using multilevel cascaded H-bridge converter. , 2015, , .		1
24	An Efficient Topology of Modular-Multilevel Converter with Alternative Arm Operation. , 2018, , .		1