

# Tuyen Nguyenduc

## List of Publications by Year in descending order

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34  
papers

339  
citations

1040056

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888059

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g-index

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all docs

35  
docs citations

35  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of renewable energy integration on a novel method for pricing incentive payments of incentive-based demand response program. IET Generation, Transmission and Distribution, 2022, 16, 1648-1667.	2.5	6
2	A Comprehensive Review of Cybersecurity in Inverter-Based Smart Power System Amid the Boom of Renewable Energy. IEEE Access, 2022, 10, 35846-35875.	4.2	27
3	Calculation Method for Electricity Price and Rebate Level in Demand Response Programs. Applied Sciences (Switzerland), 2021, 11, 6871.	2.5	4
4	Single-Diode Models of PV Modules: A Comparison of Conventional Approaches and Proposal of a Novel Model. Energies, 2020, 13, 1296.	3.1	19
5	Forecasting I-V Characteristic of PV Modules Considering Real Operating Conditions Using Numerical Method and Deep Learning. , 2020, , .		4
6	A Strategy to Enhance Generator Efficiency of Sudoku-based PV Arrays Under Partial Shading Conditions. , 2020, , .		1
7	Optimization strategy for high efficiency 20kW-class direct coupled photovoltaic-electrolyzer system based on experiment data. International Journal of Hydrogen Energy, 2019, 44, 26741-26752.	7.1	25
8	The Analysis of Technical Trend in Islanding Operation, Harmonic Distortion, Stabilizing Frequency, and Voltage of Islanded Entities. Resources, 2019, 8, 14.	3.5	10
9	Operation Scheduling Optimization for Microgrids Considering Coordination of Their Components. Future Internet, 2019, 11, 223.	3.8	5
10	The Improvement of an Islanding Detection Method Based on the Perturbation Signal in Case of a Multi-Photovoltaic Operation. Applied Sciences (Switzerland), 2019, 9, 4054.	2.5	2
11	Protection of Sensitive Loads Using Sliding Mode Controlled Three-Phase DVR With Adaptive Notch Filter. IEEE Transactions on Industrial Electronics, 2019, 66, 5465-5475.	7.9	68
12	Islanding Detection Method Based on Injecting Perturbation Signal and Rate of Change of Output Power in DC Grid-Connected Photovoltaic System. Energies, 2018, 11, 1313.	3.1	15
13	Analysis of transient-to-island mode of power electronic interface with conventional dq-current controller and proposed droop-based controller. Electrical Engineering, 2017, 99, 47-57.	2.0	7
14	An observer-based digital control system for individually management of active and reactive power of dual-active-bridgeADC/DC converter. Journal of International Council on Electrical Engineering, 2017, 7, 234-241.	0.4	0
15	Islanding detection in DC network. , 2017, , .		3
16	New Modulation Strategy Combining Phase Shift and Frequency Variation for Dual-Active-Bridge Converter. IEEJ Journal of Industry Applications, 2017, 6, 140-150.	1.1	12
17	Observer-based nonlinear control for frequency modulated dual-active-bridge converter. , 2016, , .		2
18	Notch adaptive filter solution under unbalanced and/or distorted PCC voltage for 3-phase 3-wire shunt active power filter. Electrical Engineering, 2016, 98, 321-332.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Adaptive notch filter solution under unbalanced and/or distorted point of common coupling voltage for three-phase four-wire shunt active power filter with sinusoidal utility current strategy. IET Generation, Transmission and Distribution, 2015, 9, 1580-1596.	2.5	28
20	PV-Active Power Filter Combination Supplies Power to Nonlinear Load and Compensates Utility Current. IEEE Power and Energy Technology Systems Journal, 2015, 2, 32-42.	2.8	72
21	Applying Adaptive Notch Filter in -coordinate to improve 3-phase 4-wire shunt APF performance under non-ideal PCC voltage. , 2015, , .		0
22	3-Phase 4-wire Shunt APF under non-ideal PCC voltage using Adaptive Notch Filter. , 2014, , .		2
23	Optimal placement and sizing of SVC by using various meta-heuristic optimization methods. , 2014, , .		3
24	Shunt Active Power Filter for 3-phase 3-wire nonlinear load under unbalanced and distorted PCC voltage using Notch Adaptive Filter. , 2014, , .		5
25	Optimal Distributed Generation and capacitor coordination for power loss minimization. , 2014, , .		5
26	Estimated impedance islanding detection method for grids with high motor penetration. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, 446-455.	1.4	1
27	An integrated function of photovoltaic generator supplying to nonlinear load: Active power filter. , 2013, , .		2
28	Subsequence Action to Eliminate Blackout after Detecting Islanding using Solid State Transfer Switch Implemented in PSCAD/EMTDC. Journal of International Council on Electrical Engineering, 2012, 2, 45-52.	0.4	0
29	Reliable Impedance Islanding Detection for Power Distribution Systems with High Motor Penetration. , 2012, , .		2
30	Analysis of current-controller in grid-connected and islanded mode for dispersed generation. , 2012, , .		0
31	Adaptive notch filter for synchronization and islanding detection using negative-sequence impedance measurement. IEEJ Transactions on Electrical and Electronic Engineering, 2012, 7, 240-250.	1.4	3
32	Synchronization and islanding detection of Dispersed Generation using Adaptive Notch Filter. , 2011, , .		1
33	Using Simulink Simulation to Evaluate Load Following Characteristics of SOFC Generator with Heat Exchanger Considering Heat Balance. IEEJ Transactions on Power and Energy, 2010, 130, 501-509.	0.2	0
34	Identification of photovoltaic generation characteristic at real-time conditions by improved single-diode model. IET Renewable Power Generation, 0, , .	3.1	1