

Minh Quan Duong

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

887
citations

840119

11
h-index

713013

21
g-index

60
all docs

60
docs citations

60
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Pitch angle control using hybrid controller for all operating regions of SCIG wind turbine system. Renewable Energy, 2014, 70, 197-203.	4.3	116
2	Determination of Optimal Location and Sizing of Solar Photovoltaic Distribution Generation Units in Radial Distribution Systems. Energies, 2019, 12, 174.	1.6	108
3	Models for Short-Term Wind Power Forecasting Based on Improved Artificial Neural Network Using Particle Swarm Optimization and Genetic Algorithms. Energies, 2020, 13, 2873.	1.6	49
4	Improving Transient Stability in a Grid-Connected Squirrel-Cage Induction Generator Wind Turbine System Using a Fuzzy Logic Controller. Energies, 2015, 8, 6328-6349.	1.6	48
5	A Comparative Study on Controllers for Improving Transient Stability of DFIG Wind Turbines During Large Disturbances. Energies, 2018, 11, 480.	1.6	48
6	Optimal Reactive Power Flow for Large-Scale Power Systems Using an Effective Metaheuristic Algorithm. Journal of Electrical and Computer Engineering, 2020, 2020, 1-11.	0.6	43
7	Hybrid model for hourly forecast of photovoltaic and wind power. , 2013, , .		29
8	The impacts of distributed generation penetration into the power system. , 2017, , .		29
9	Optimal operation of transmission power networks by using improved stochastic fractal search algorithm. Neural Computing and Applications, 2020, 32, 9129-9164.	3.2	27
10	Comparison of power quality in different grid-integrated wind turbines. , 2014, , .		26
11	Modified Differential Evolution Algorithm: A Novel Approach to Optimize the Operation of Hydrothermal Power Systems while Considering the Different Constraints and Valve Point Loading Effects. Energies, 2018, 11, 540.	1.6	26
12	Comparison of active crowbar protection schemes for DFIGs wind turbines. , 2014, , .		25
13	Propose a MPPT Algorithm Based on Thevenin Equivalent Circuit for Improving Photovoltaic System Operation. Frontiers in Energy Research, 2020, 8, .	1.2	25
14	An improved equilibrium optimizer for optimal placement of photovoltaic systems in radial distribution power networks. Neural Computing and Applications, 2022, 34, 6119-6148.	3.2	23
15	Improving LVRT characteristics in variable-speed wind power generation by means of fuzzy logic. , 2014, , .		16
16	A Novel Social Spider Optimization Algorithm for Large-Scale Economic Load Dispatch Problem. Energies, 2019, 12, 1075.	1.6	16
17	Improved LVRT based on coordination control of active crowbar and reactive power for doubly fed induction generators. , 2015, , .		13
18	Coordination control of active crowbar for doubly fed induction generators. , 2014, , .		12

#	ARTICLE	IF	CITATIONS
19	Impact of SCIG, DFIG wind power plant on IEEE 14-bus system with small signal stability assessment. , 2014, , .		12
20	Effects of bypass diode configurations on solar photovoltaic modules suffering from shading phenomenon. , 2017, , .		12
21	Design and simulation of PI-type control for the Buck Boost converter. , 2017, , .		11
22	Coordinated reactive power control of DFIG to improve LVRT characteristics of FSIG in wind turbine generation. , 2017, , .		10
23	Building a Decision-Making Support Framework for Installing Solar Panels on Vertical Glazing Façades of the Building Based on the Life Cycle Assessment and Environmental Benefit Analysis. Energies, 2020, 13, 2376.	1.6	10
24	Small signal stability of power system with SCIG, DFIG wind turbines. , 2014, , .		9
25	Efficiency analysis of a hybrid power system for a campus in Romania. , 2017, , .		9
26	A High-Performance Stochastic Fractal Search Algorithm for Optimal Generation Dispatch Problem. Energies, 2019, 12, 1796.	1.6	9
27	Performance analysis of a 310Wp photovoltaic module based on single and double diode model. , 2016, , .		8
28	Effect of component design on the DC/DC power converters dynamics. , 2017, , .		8
29	Optimal bypass diode configuration for PV arrays under shading influence. , 2017, , .		8
30	The Impact of 150MWp PhoAn Solar Photovoltaic Project into Vietnamese QuangNgai - Grid. , 2018, , .		8
31	A Proposal for an MPPT Algorithm Based on the Fluctuations of the PV Output Power, Output Voltage, and Control Duty Cycle for Improving the Performance of PV Systems in Microgrid. Energies, 2020, 13, 4326.	1.6	8
32	Hybrid controller for transient stability in wind generators. , 2015, , .		7
33	A Novel Algorithm for Optimal Operation of Hydrothermal Power Systems under Considering the Constraints in Transmission Networks. Energies, 2018, 11, 188.	1.6	7
34	An Effective Reactive Power Compensation Method and a Modern Metaheuristic Algorithm for Loss Reduction in Distribution Power Networks. Complexity, 2021, 2021, 1-21.	0.9	7
35	Simulation and performance analysis of a new LVRT and damping control scheme for DFIG wind turbines. , 2016, , .		6
36	Modeling and Performance Evaluation of a Fuzzy Logic Controller for Buck-Boost DC/DC Converters. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
37	A Cost-Optimal Pathway to Integrate Renewable Energy into the Future Vietnamese Power System. , 2018, , .		6
38	Optimal Placement of Wind Power Plants in Transmission Power Networks by Applying an Effectively Proposed Metaheuristic Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-20.	0.6	6
39	Small and large signal stability analysis of IMPSA wind power plant integration on Vietnamese power system. , 2015, , .		5
40	Influence of elemental parameter in the boost and the buck converter. , 2017, , .		5
41	High-performance coordination for accurate Matlab Simulink PV module simulator based on a two-diode model. , 2016, , .		4
42	A hybrid Fuzzy-PI cascade controller for transient stability improvement in DFIG wind generators. , 2016, , .		4
43	A Short-Term Wind Power Forecasting Tool for Vietnamese Wind Farms and Electricity Market. , 2018, , .		3
44	New Planning for the 500kV Vietnamese Grid with High Penetration of Renewable Energy Sources. , 2019, , .		3
45	Chattering-Free Single-Phase Robustness Sliding Mode Controller for Mismatched Uncertain Interconnected Systems with Unknown Time-Varying Delays. Energies, 2020, 13, 282.	1.6	3
46	An Effective Method for Minimizing Electric Generation Costs of Thermal Systems with Complex Constraints and Large Scale. Applied Sciences (Switzerland), 2020, 10, 3507.	1.3	3
47	Performance Assessment of Low-pass Filters for Standalone Solar Power System. , 2018, , .		2
48	Automatic Tool for Transformer Operation Monitoring in Smartgrid. , 2019, , .		2
49	Optimal Distributed Photovoltaic Units Placement in Radial Distribution System Considering Harmonic Distortion Limitation. International Journal on Electrical Engineering and Informatics, 2021, 13, 354-367.	0.3	2
50	Application of the Phase Shift Full Bridge Converter for the Single-Phase Full-Bridge Inverter to Improve the Output of the Renewable Energy. , 2021, , .		2
51	Economic load dispatch solutions considering multiple fuels for thermal units and generation cost of wind turbines. International Journal of Electrical and Computer Engineering, 2021, 11, 3718.	0.5	1
52	Integrated Transient Stability Analysis with Multi-Large-Scale Solar Photovoltaic in Distribution Network. , 2020, 30.8, 40-45.		1
53	Analysis of Protective Solutions for Underground Cable System - Application for Danang Distribution Grid. , 2021, , .		1
54	A Thorough Overview of Hierarchical Structure of Microgrid Systems. , 2018, , .		0

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55	The Impact of Photovoltaic Penetration with Real Case: ThuaThienHue “ Vietnamese Grid. , 2019, , .		0
56	Design, simulation and testing of a high quality converter for renewable energy system. , 2021, , .		0
57	Hybrid Structure and Fuzzy Logic High Precision Control for Non-Geostationary Satellite Antenna Tracking. International Journal on Communications Antenna and Propagation, 2015, 5, 290.	0.2	0
58	Optimal Distributed Photovoltaic Units Placement in Radial Distribution System Considering Harmonic Distortion Limitation. International Journal on Electrical Engineering and Informatics, 2021, 13, 354-367.	0.3	0
59	Operating Performance of Power Systems Integrated HVDC Solution: KonTum-GiaLai Transmission System Case Considering Penetration of Renewable Energy. Journal of Science and Technology Issue on Information and Communications Technology, 2020, 18, 32.	0.1	0
60	Integration of MicroSCADA SYS600 9.4 into Distribution Automation System. , 2020, , .		0