Minh Quan Duong

List of Publications by Year in Descending Order

46 papers	498 citations	12 h-index	21 g-index
60 ext. papers	706 ext. citations	2.8 avg, IF	4.19 L-index

#	Paper	IF	Citations
46	An improved equilibrium optimizer for optimal placement of photovoltaic systems in radial distribution power networks. *Neural Computing and Applications*, **2022**, 34, 6119	4.8	5
45	An Effective Reactive Power Compensation Method and a Modern Metaheuristic Algorithm for Loss Reduction in Distribution Power Networks. *Complexity*, **2021**, 2021, 1-21	1.6	0
44	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	1.1	3
43	An Effective Method for Minimizing Electric Generation Costs of Thermal Systems with Complex Constraints and Large Scale. *Applied Sciences (Switzerland)*, **2020**, 10, 3507	2.6	2
42	Models for Short-Term Wind Power Forecasting Based on Improved Artificial Neural Network Using Particle Swarm Optimization and Genetic Algorithms. *Energies*, **2020**, 13, 2873	3.1	15
41	Building a Decision-Making Support Framework for Installing Solar Panels on Vertical Glazing Fa□des of the Building Based on the Life Cycle Assessment and Environmental Benefit Analysis. *Energies*, **2020**, 13, 2376	3.1	3
40	Optimal Reactive Power Flow for Large-Scale Power Systems Using an Effective Metaheuristic Algorithm. *Journal of Electrical and Computer Engineering*, **2020**, 2020, 1-11	1.9	26
39	Propose a MPPT Algorithm Based on Thevenin Equivalent Circuit for Improving Photovoltaic System Operation. *Frontiers in Energy Research*, **2020**, 8,	3.8	8
38	Chattering-Free Single-Phase Robustness Sliding Mode Controller for Mismatched Uncertain Interconnected Systems with Unknown Time-Varying Delays. *Energies*, **2020**, 13, 282	3.1	2
37	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	3.1	2
36	Optimal operation of transmission power networks by using improved stochastic fractal search algorithm. *Neural Computing and Applications*, **2020**, 32, 9129-9164	4.8	14
35	**2019**,		1
34	Determination of Optimal Location and Sizing of Solar Photovoltaic Distribution Generation Units in Radial Distribution Systems. *Energies*, **2019**, 12, 174	3.1	67
33	A High-Performance Stochastic Fractal Search Algorithm for Optimal Generation Dispatch Problem. *Energies*, **2019**, 12, 1796	3.1	6
32	A Novel Social Spider Optimization Algorithm for Large-Scale Economic Load Dispatch Problem. *Energies*, **2019**, 12, 1075	3.1	7
31	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	3.1	18
30	A Novel Algorithm for Optimal Operation of Hydrothermal Power Systems under Considering the Constraints in Transmission Networks. *Energies*, **2018**, 11, 188	3.1	4

29	Modeling and Performance Evaluation of a Fuzzy Logic Controller for Buck-Boost DC/DC Converters **2018**,		5
28	A Cost-Optimal Pathway to Integrate Renewable Energy into the Future Vietnamese Power System **2018**,		1
27	The Impact of 150MWp PhoAn Solar Photovoltaic Project into Vietnamese QuangNgai - Grid **2018**,		4
26	Performance Assessment of Low-pass Filters for Standalone Solar Power System **2018**,		1
25	A Comparative Study on Controllers for Improving Transient Stability of DFIG Wind Turbines During Large Disturbances. *Energies*, **2018**, 11, 480	3.1	29
24	Effects of bypass diode configurations on solar photovoltaic modules suffering from shading phenomenon **2017**,		5
23	Effect of component design on the DC/DC power converters dynamics **2017**,		5
22	Efficiency analysis of a hybrid power system for a campus in Romania **2017**,		3
21	Optimal bypass diode configuration for PV arrays under shading influence **2017**,		4
20	The impacts of distributed generation penetration into the power system **2017**,		12
19	Coordinated reactive power control of DFIG to improve LVRT characteristics of FSIG in wind turbine generation **2017**,		7
18	Design and simulation of PI-type control for the Buck Boost converter **2017**,		1
17	Influence of elemental parameter in the boost and the buck converter **2017**,		2
16	A hybrid Fuzzy-PI cascade controller for transient stability improvement in DFIG wind generators **2016**,		3
15	High-performance coordination for accurate Matlab Simulink PV module simulator based on a two-diode model **2016**,		3
14	Performance analysis of a 310Wp photovoltaic module based on single and double diode model **2016**,		7
13	Simulation and performance analysis of a new LVRT and damping control scheme for DFIG wind turbines **2016**,		4
12	Improved LVRT based on coordination control of active crowbar and reactive power for doubly fed induction generators **2015**,		9

11	Small and large signal stability analysis of IMPSA wind power plant integration on Vietnamese power system **2015**,		1
10	Improving Transient Stability in a Grid-Connected Squirrel-Cage Induction Generator Wind Turbine System Using a Fuzzy Logic Controller. *Energies*, **2015**, 8, 6328-6349	3.1	40
9	Hybrid controller for transient stability in wind generators **2015**,		3
8	Improving LVRT characteristics in variable-speed wind power generation by means of fuzzy logic **2014**,		12
7	Comparison of power quality in different grid-integrated wind turbines **2014**,		14
6	Comparison of active crowbar protection schemes for DFIGs wind turbines **2014**,		17
5	Small signal stability of power system with SCIG, DFIG wind turbines **2014**,		4
4	Coordination control of active crowbar for doubly fed induction generators **2014**,		6
3	Impact of SCIG, DFIG wind power plant on IEEE 14 bus system with small signal stability assessment **2014**,		4
2	Pitch angle control using hybrid controller for all operating regions of SCIG wind turbine system. *Renewable Energy*, **2014**, 70, 197-203	8.1	86
1	Hybrid model for hourly forecast of photovoltaic and wind power **2013**,		23