

Duong Quoc Hung

List of Publications by Year in descending order

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27
papers

2,716
citations

516710

16
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Distributed Generator Placement in Primary Distribution Networks for Loss Reduction. IEEE Transactions on Industrial Electronics, 2013, 60, 1700-1708.	7.9	603
2	Analytical Expressions for DG Allocation in Primary Distribution Networks. IEEE Transactions on Energy Conversion, 2010, 25, 814-820.	5.2	575
3	Determining PV Penetration for Distribution Systems With Time-Varying Load Models. IEEE Transactions on Power Systems, 2014, 29, 3048-3057.	6.5	247
4	Analytical strategies for renewable distributed generation integration considering energy loss minimization. Applied Energy, 2013, 105, 75-85.	10.1	236
5	Integration of PV and BES units in commercial distribution systems considering energy loss and voltage stability. Applied Energy, 2014, 113, 1162-1170.	10.1	212
6	Optimal placement of dispatchable and nondispatchable renewable DG units in distribution networks for minimizing energy loss. International Journal of Electrical Power and Energy Systems, 2014, 55, 179-186.	5.5	173
7	Multiple community energy storage planning in distribution networks using a cost-benefit analysis. Applied Energy, 2017, 190, 453-463.	10.1	127
8	Loss reduction and loadability enhancement with DG: A dual-index analytical approach. Applied Energy, 2014, 115, 233-241.	10.1	92
9	An optimal investment planning framework for multiple distributed generation units in industrial distribution systems. Applied Energy, 2014, 124, 62-72.	10.1	78
10	An intelligent hybrid short-term load forecasting model for smart power grids. Sustainable Cities and Society, 2017, 31, 264-275.	10.4	69
11	A Day-Ahead Forecasting Model for Probabilistic EV Charging Loads at Business Premises. IEEE Transactions on Sustainable Energy, 2018, 9, 741-753.	8.8	56
12	Determining the size of PHEV charging stations powered by commercial grid-integrated PV systems considering reactive power support. Applied Energy, 2016, 183, 160-169.	10.1	43
13	Coordinated EV charging for correlated EV and grid loads and PV output using a novel, correlated, probabilistic model. International Journal of Electrical Power and Energy Systems, 2019, 104, 335-348.	5.5	41
14	Strategic allocation of community energy storage in a residential system with rooftop PV units. Applied Energy, 2017, 206, 159-171.	10.1	36
15	A combined practical approach for distribution system loss reduction. International Journal of Ambient Energy, 2015, 36, 123-131.	2.5	33
16	An optimal operating strategy of DG unit for power loss reduction in distribution systems. , 2012, , .		22
17	Intelligent Network Integration of Distributed Renewable Generation. Green Energy and Technology, 2017, , .	0.6	20
18	DG Allocation in Primary Distribution Systems Considering Loss Reduction. , 2011, , 587-635.		12

#	ARTICLE	IF	CITATIONS
19	Technical Challenges, Security and Risk in Grid Integration of Renewable Energy. Studies in Systems, Decision and Control, 2016, , 99-118.	1.0	12
20	A loss sensitivity factor method for locating ES in a distribution system with PV units. , 2015, , .		8
21	Alternative analytical approaches for renewable DG allocation for energy loss minimization. , 2012, , .		7
22	A comprehensive community energy storage planning strategy based on a cost-benefit analysis. , 2016, , .		6
23	A simple approach for distributed generation integration considering benefits for DNO. , 2012, , .		4
24	Assessing the impact of loss reduction on distributed generation investment decisions. , 2013, , .		2
25	Distribution System Modelling. Green Energy and Technology, 2017, , 21-28.	0.6	1
26	Load levelling and loss reduction by ES in a primary distribution system with PV units. , 2015, , .		0
27	PV Integration. Green Energy and Technology, 2017, , 47-67.	0.6	0