Vahid Talavat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7467237/publications.pdf

Version: 2024-02-01

22	309	933447 10	888059 17
papers	citations	h-index	g-index

22	22	22	269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protection coordination of directional overcurrent relays: new time current characteristic and objective function. IET Generation, Transmission and Distribution, 2018, 12, 190-199.	2.5	41
2	Optimal allocation of D-STATCOM in distribution networks including correlated renewable energy sources. International Journal of Electrical Power and Energy Systems, 2020, 122, 106178.	5.5	38
3	Optimal coordination of dualâ€setting directional overâ€current relays in multiâ€source meshed active distribution networks considering transient stability. IET Generation, Transmission and Distribution, 2019, 13, 157-170.	2.5	31
4	Optimal allocation of D-STATCOM and reconfiguration in radial distribution network using MOPSO algorithm in TOPSIS framework. International Transactions on Electrical Energy Systems, 2019, 29, e2723.	1.9	29
5	Dynamic fault location method for distribution networks with distributed generation. Electrical Engineering, 2010, 92, 119-127.	2.0	21
6	Multi-objective optimization framework for optimal planning of the microgrid (MG) under employing demand response program (DRP). Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2709-2730.	4.9	20
7	Coordination of mixed distance and directional overcurrent relays: Miscoordination elimination by utilizing dual characteristics for DOCRs. International Transactions on Electrical Energy Systems, 2019, 29, e2762.	1.9	20
8	Benefit maximization of demand side management operator (DSMO) and private investor in a distribution network. Sustainable Cities and Society, 2018, 40, 625-637.	10.4	15
9	A dynamic objective function for communication-based relaying: Increasing the controllability of relays settings considering N-1 contingencies. International Journal of Electrical Power and Energy Systems, 2020, 116, 105555.	5.5	12
10	Long-term integration of ESSs in distribution systems: An approach based on technical and economic objectives. International Transactions on Electrical Energy Systems, 2017, 27, e2325.	1.9	11
11	Simultaneous placement of renewable DGs and protective devices for improving the loss, reliability and economic indices of distribution system with nonlinear load model. International Journal of Ambient Energy, 2020, 41, 871-881.	2.5	10
12	Impact of soft open point (SOP) on distribution network predictability. International Journal of Electrical Power and Energy Systems, 2022, 136, 107676.	5.5	9
13	Probabilistic optimal planning in active distribution networks considering nonâ€linear loads based on data clustering method. IET Generation, Transmission and Distribution, 2022, 16, 686-702.	2.5	8
14	Considering transient state in interconnected networks during fault for coordination of directional overcurrent relays. Electric Power Systems Research, 2020, 186, 106413.	3.6	7
15	Preventive/Corrective Security Constrained Optimal Power Flow Using a Multiobjective Genetic Algorithm. Electric Power Components and Systems, 2018, 46, 1462-1477.	1.8	6
16	Utilising reliabilityâ€constrained optimisation approach to model microgrid operator and private investor participation in a planning horizon. IET Generation, Transmission and Distribution, 2018, 12, 5798-5810.	2.5	6
17	Optimal planning in active distribution networks considering nonlinear loads using the MOPSO algorithm in the TOPSIS framework. International Transactions on Electrical Energy Systems, 2020, 30, e12244.	1.9	6
18	A generalized probabilistic multiâ€objective method for optimal allocation of soft open point (SOP) in distribution networks. IET Renewable Power Generation, 2022, 16, 1046-1072.	3.1	5

#	ARTICLE	IF	CITATIONS
19	Comparison of Impedance Based and Travelling Waves Based Fault Location Methods for Power Distribution Systems Tested in a Real 205-Nodes Distribution feeder. Transactions on Electrical and Electronic Materials, 2018, 19, 123-133.	1.9	4
20	Probabilistic assessment of <scp>Dâ€STATCOM</scp> operation considering correlated uncertain variables. International Transactions on Electrical Energy Systems, 2020, 30, e12522.	1.9	4
21	Effect of considering demand response program (DRP) in optimal configuration of combined heat and power (CHP). International Journal of Ambient Energy, 2021, 42, 612-617.	2.5	4
22	Probabilistic Assessment of DSTATCOM Operation in Distribution Systems Using Data Clustering Method. Electric Power Components and Systems, 2020, 48, 2063-2073.	1.8	2