

# Vahid Talavat

## List of Publications by Year in descending order

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

Version: 2024-02-01

22  
papers

309  
citations

933447

10  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of soft open point (SOP) on distribution network predictability. International Journal of Electrical Power and Energy Systems, 2022, 136, 107676.	5.5	9
2	Probabilistic optimal planning in active distribution networks considering non-linear loads based on data clustering method. IET Generation, Transmission and Distribution, 2022, 16, 686-702.	2.5	8
3	A generalized probabilistic multi-objective method for optimal allocation of soft open point (SOP) in distribution networks. IET Renewable Power Generation, 2022, 16, 1046-1072.	3.1	5
4	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
5	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
6	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
7	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
8	Probabilistic assessment of D-STATCOM operation considering correlated uncertain variables. International Transactions on Electrical Energy Systems, 2020, 30, e12522.	1.9	4
9	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
10	Considering transient state in interconnected networks during fault for coordination of directional overcurrent relays. Electric Power Systems Research, 2020, 186, 106413.	3.6	7
11	Probabilistic Assessment of DSTATCOM Operation in Distribution Systems Using Data Clustering Method. Electric Power Components and Systems, 2020, 48, 2063-2073.	1.8	2
12	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
13	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
14	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
15	Optimal coordination of dual-setting directional overcurrent relays in multi-source meshed active distribution networks considering transient stability. IET Generation, Transmission and Distribution, 2019, 13, 157-170.	2.5	31
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Preventive/Corrective Security Constrained Optimal Power Flow Using a Multiobjective Genetic Algorithm. <i>Electric Power Components and Systems</i> , 2018, 46, 1462-1477.	1.8	6
20	Utilising reliability-constrained optimisation approach to model microgrid operator and private investor participation in a planning horizon. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 5798-5810.	2.5	6
21	Long-term integration of ESSs in distribution systems: An approach based on technical and economic objectives. <i>International Transactions on Electrical Energy Systems</i> , 2017, 27, e2325.	1.9	11
22	Dynamic fault location method for distribution networks with distributed generation. <i>Electrical Engineering</i> , 2010, 92, 119-127.	2.0	21