

# Ehsan Hajipour

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2011018/publications.pdf>

Version: 2024-02-01

23  
papers

560  
citations

1040056

9  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

674  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Decomposed Solution to Multiple-Energy Carriers Optimal Power Flow. IEEE Transactions on Power Systems, 2014, 29, 707-716.	6.5	225
2	Stochastic Capacity Expansion Planning of Remote Microgrids With Wind Farms and Energy Storage. IEEE Transactions on Sustainable Energy, 2015, 6, 491-498.	8.8	136
3	Current-Transformer Saturation Compensation for Transformer Differential Relays. IEEE Transactions on Power Delivery, 2015, 30, 2293-2302.	4.3	67
4	Current-Transformer Saturation Prevention Using a Controlled Voltage-Source Compensator. IEEE Transactions on Power Delivery, 2017, 32, 1039-1048.	4.3	22
5	Transformer Turn-to-Turn Fault Protection Based on Fault-Related Incremental Currents. IEEE Transactions on Power Delivery, 2019, 34, 700-709.	4.3	16
6	Optimal distribution transformer sizing in a harmonic involved load environment via dynamic programming technique. Energy, 2017, 120, 92-105.	8.8	15
7	An Improved Aggregated Model of Residential Air Conditioners for FIDVR Studies. IEEE Transactions on Power Systems, 2020, 35, 909-919.	6.5	14
8	Residual Flux Mitigation of Protective Current Transformers Used in an Autoreclosing Scheme. IEEE Transactions on Power Delivery, 2016, 31, 1636-1644.	4.3	11
9	An economic evaluation framework for cryptocurrency mining operation in microgrids. International Journal of Electrical Power and Energy Systems, 2022, 142, 108329.	5.5	11
10	A method to capture and de-noise partial discharge pulses using discrete wavelet transform and ANFIS. International Transactions on Electrical Energy Systems, 2015, 25, 2696-2712.	1.9	9
11	A TOU-IBT Pricing Strategy to Manage the Cryptocurrency Micro-Miners. IEEE Transactions on Smart Grid, 2022, 13, 1838-1848.	9.0	9
12	Practical implementation of a new percentage-based turn-to-turn fault detection algorithm to transformer digital differential relay. International Journal of Electrical Power and Energy Systems, 2020, 121, 106158.	5.5	4
13	A single phase transformer equivalent circuit for accurate turn to turn fault modeling. , 2016, , .		3
14	Derivation of a low-frequency model for a 3D wound core transformer. , 2017, , .		3
15	Transformer Practical Turn-to-Turn Fault Detection Performance using Negative Sequence and Space Vector-Based Methods. , 2019, , .		3
16	Advanced distribution transformer asset management embracing its relocation: A cost saving approach. IET Generation, Transmission and Distribution, 2022, 16, 2370-2385.	2.5	3
17	Investigating the effect of ambient temperature on fault-induced delayed voltage recovery events. IET Generation, Transmission and Distribution, 2020, 14, 1781-1790.	2.5	2
18	Distribution transformer relocation problem: an integer programming solution. IET Generation, Transmission and Distribution, 2021, 15, 108-120.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Optimal Resilience-Oriented Microgrid Formation Considering Failure Probability of Distribution Feeders. Electric Power Systems Research, 2022, 209, 108012.	3.6	2
20	Distribution Transformer Loss-of- Life Assessment in the Presence of Cryptocurrency Mining Loads. , 2022, , .		2
21	Accurate protection current transformer parameters determination method under high noise immunity. , 2015, , .		1
22	Transformer Terminal-Duality Model for Windings Tum-to-Tum Faults Simulation. , 2019, , .		0
23	Analysis of Frequency-Dependent Network Equivalentents in Dynamic Harmonic Domain. Electric Power Systems Research, 2021, 193, 107037.	3.6	0