

Hossein Mohseni

List of Publications by Year in descending order

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30
papers

785
citations

567281

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h-index

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g-index

30
all docs

30
docs citations

30
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	A feasibility study on estimating induced charge of partial discharges in transformer windings adjacent to its origin. International Journal of Electrical Power and Energy Systems, 2021, 129, 106899.	5.5	5
2	Online non-invasive evaluation of arcing time for condition assessment of high-voltage gas circuit breakers. IET Generation, Transmission and Distribution, 2021, 15, 1013-1020.	2.5	4
3	Investigating the applicability of the finite integration technique for studying the frequency response of the transformer winding. International Journal of Electrical Power and Energy Systems, 2019, 110, 411-418.	5.5	17
4	Experiences with transformer diagnosis by DGA: case studies. IET Generation, Transmission and Distribution, 2019, 13, 5431-5439.	2.5	25
5	Sensitivity of Dynamic Resistance of Gas Circuit Breakers to the Arc-induced Contact Erosion. , 2019, , .		4
6	Online Assessment of Contact Erosion in High Voltage Gas Circuit Breakers Based on Different Physical Quantities. IEEE Transactions on Power Delivery, 2019, 34, 580-587.	4.3	25
7	Dismissing Uncertainties in the FRA Interpretation. IEEE Transactions on Power Delivery, 2018, 33, 2041-2043.	4.3	20
8	A sensitivity analysis of RLC transformer winding model parameters used for a PD localization. , 2018, , .		5
9	A sensitivity analysis of RLC transformer winding model parameters used for a PD localization. , 2018, , .		1
10	Effect of Different Connection Schemes, Terminating Resistors and Measurement Impedances on the Sensitivity of the FRA Method. IEEE Transactions on Power Delivery, 2017, 32, 1713-1720.	4.3	42
11	Study on Shunt reactor energization effects on power transformers. , 2017, , .		0
12	Leakage current analysis of polymeric insulators under uniform and non-uniform pollution conditions. IET Generation, Transmission and Distribution, 2017, 11, 2947-2957.	2.5	40
13	Evaluation of numerical indices for the assessment of transformer frequency response. IET Generation, Transmission and Distribution, 2017, 11, 218-227.	2.5	55
14	Detection of transformer mechanical deformations by comparing different FRA connections. International Journal of Electrical Power and Energy Systems, 2017, 86, 53-60.	5.5	21
15	New laboratories in High Voltage Institute of University of Tehran for teaching power engineering courses. IET Generation, Transmission and Distribution, 2016, 10, 2810-2816.	2.5	4
16	Improving the numerical indices proposed for the FRA interpretation by including the phase response. International Journal of Electrical Power and Energy Systems, 2016, 83, 585-593.	5.5	29
17	Open-Core Optical Current Transducer: Modeling and Experiment. IEEE Transactions on Power Delivery, 2016, 31, 2028-2035.	4.3	16
18	Optical Current Transducers and Error Sources in Them: A Review. IEEE Sensors Journal, 2015, 15, 4721-4728.	4.7	38

#	ARTICLE	IF	CITATIONS
19	The Rogowski Coil Principles and Applications: A Review. IEEE Sensors Journal, 2015, 15, 651-658.	4.7	143
20	Occupational risk of bladder cancer among Iranian male workers. Urology Annals, 2014, 6, 135.	0.6	14
21	Effect of Nonideal Linear Polarizers, Stray Magnetic Field, and Vibration on the Accuracy of Open-Core Optical Current Transducers. IEEE Sensors Journal, 2014, 14, 3508-3515.	4.7	13
22	Aging evaluation of silicone rubber insulators using leakage current and flashover voltage analysis. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 212-220.	2.9	78
23	Performance Evaluation of Insulators Using Flashover Voltage and Leakage Current. Electric Power Components and Systems, 2013, 41, 221-233.	1.8	6
24	Leakage current analysis, FFT calculation and electric field distribution under water droplet on polluted silicon rubber insulator. Electrical Engineering, 2013, 95, 315-323.	2.0	18
25	A detailed model for atmospheric pressure oxygen dielectric barrier discharges. , 2012, , .		2
26	Dielectric Barrier Discharge (DBD) dynamic modeling for high voltage insulation. , 2011, , .		8
27	Optimization of electronic ballast drive for the high power sodium vapor lamps based on two-dimensional plasma finite element modeling. , 2009, , .		0
28	An Accurate Hysteresis Model for Ferroresonance Analysis of a Transformer. IEEE Transactions on Power Delivery, 2008, 23, 1448-1456.	4.3	52
29	An Accurate Current Transformer Model Based on Preisach Theory for the Analysis of Electromagnetic Transients. IEEE Transactions on Power Delivery, 2008, 23, 233-242.	4.3	39
30	Analysis of Ferroresonance Modes in Power Transformers Using Preisach-Type Hysteretic Magnetizing Inductance. IEEE Transactions on Power Delivery, 2007, 22, 919-929.	4.3	61