

Reza Shariatinasab

List of Publications by Year in descending order

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27
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215
citing authors

#	ARTICLE	IF	CITATIONS
1	AC flashover dynamic model suggestion and insulation level selection under fan-shaped pollution. International Journal of Electrical Power and Energy Systems, 2022, 134, 107438.	5.5	11
2	AC flashover dynamic theoretical and experimental model under fan-shaped and longitudinal pollution on silicone rubber insulator. IET Science, Measurement and Technology, 2021, 15, 719-729.	1.6	7
3	Comprehensive Modeling of Grounding Electrodes Buried in Ionized Soil Based on MoM-HBM Approach. IEEE Transactions on Power Delivery, 2020, 35, 1390-1398.	4.3	5
4	Probabilistic assessment of insulator failure under contaminated conditions. IET Science, Measurement and Technology, 2020, 14, 557-563.	1.6	12
5	Design of the Current and the Voltage Observers for Active-Load-Balancer (ALB) in Model Predictive Control System. IEEE Access, 2020, 8, 215426-215437.	4.2	0
6	Analysis of Lightning-Related Stress in Transmission Lines Considering Ionization and Frequency-Dependent Properties of the Soil in Grounding Systems. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2849-2857.	2.2	9
7	A Methodology for Optimal Design of Transmission Lines to Protection against Lightning Surges in Presence of Arresters. Advanced Electromagnetics, 2020, 9, 105-110.	1.0	3
8	Transient modeling of the wind farms in order to analysis the lightning related overvoltages. Renewable Energy, 2019, 132, 1151-1166.	8.9	16
9	Interfacing electromagnetic model of tower-footing impedance with the EMTP software package. International Journal of Electrical Power and Energy Systems, 2019, 105, 394-403.	5.5	6
10	Time-Domain Modeling of Tower-Footing Grounding Systems Based on Impedance Matrix. IEEE Transactions on Power Delivery, 2019, 34, 910-918.	4.3	12
11	Estimation of Energy Stress of Surge Arresters Considering the High-Frequency Behavior of Grounding Systems. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 917-925.	2.2	20
12	Probabilistic Assessment of Lightning Related Risk of Transmission Lines Based on Frequency Dependent Modeling of Tower-Footing Grounding System. Advanced Electromagnetics, 2018, 7, 41-50.	1.0	1
13	The effect of grounding system modeling on lightning-related studies of transmission lines. Journal of Applied Research and Technology, 2017, 15, 545-554.	0.9	18
14	The effect of wide band modeling of tower-footing grounding system on the lightning performance of transmission lines: A probabilistic evaluation. Electric Power Systems Research, 2016, 141, 1-10.	3.6	27
15	A Hybrid Method for Evaluating of Lightning Performance of Overhead Lines based on Monte Carlo Procedure. Journal of Electrical Engineering, 2016, 67, 246-252.	0.7	0
16	Development of an adaptive neural-fuzzy inference system based meta-model for estimating lightning related failures in polluted environments. IET Science, Measurement and Technology, 2014, 8, 187-195.	1.6	10
17	Probabilistic evaluation of failure risk of transmission line surge arresters caused by lightning flash. IET Generation, Transmission and Distribution, 2014, 8, 193-202.	2.5	29
18	Optimisation of arrester location in risk assessment in distribution network. IET Generation, Transmission and Distribution, 2014, 8, 151-159.	2.5	31

#	ARTICLE	IF	CITATIONS
19	Probabilistic evaluation of lightning performance of overhead transmission lines, considering non-vertical strokes. Scientia Iranica, 2012, 19, 812-819.	0.4	11
20	A novel wavelet-neural network method for fault location analysis on transmission lines. , 2012, , .		1
21	Advanced statistical method for evaluating of lightning performance of overhead transmission lines based on accurate modelling and considering non-vertical strokes. , 2011, , .		2
22	Harmonic analysis of power systems in order to network conversion. , 2010, , .		0
23	Voltage stability analysis in conversion of double three-phase to six-phase transmission line. , 2010, , .		1
24	New islanding detection technique for DG using Discrete Wavelet Transform. , 2010, , .		19
25	Probabilistic Evaluation of Optimal Location of Surge Arresters on EHV and UHV Networks Due to Switching and Lightning Surges. IEEE Transactions on Power Delivery, 2009, 24, 1903-1911.	4.3	36
26	Statistical evaluation of lightning-related failures for the optimal location of surge arresters on the power networks. IET Generation, Transmission and Distribution, 2009, 3, 129-144.	2.5	33
27	Optimization of Surge Arrester's Location on EHV and UHV Power Networks Using Simulation Optimization Method. IEEJ Transactions on Power and Energy, 2008, 128, 1465-1472.	0.2	7