# Reza Shariatinasab

List of Publications by Year
in descending order

| 27 papers | 327 citations | 840776 11 h-index | 888059 17 g-index |
|---|---|---|---|
| 27 all docs | 27 docs citations | 27 times ranked | 215 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Optimisation of arrester location in risk assessment in distribution network. IET Generation, Transmission and Distribution, 2014, 8, 151-159. | 2.5 | 31 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | New islanding detection technique for DG using Discrete Wavelet Transform. , 2010, , . | | 19 |
| 8 | 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 |
| 9 | Transient modeling of the wind farms in order to analysis the lightning related overvoltages. Renewable Energy, 2019, 132, 1151-1166. | 8.9 | 16 |
| 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 | Probabilistic assessment of insulator failure under contaminated conditions. IET Science, Measurement and Technology, 2020, 14, 557-563. | 1.6 | 12 |
| 12 | Probabilistic evaluation of lightning performance of overhead transmission lines, considering non-vertical strokes. Scientia Iranica, 2012, 19, 812-819. | 0.4 | 11 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | 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 |
| 20 | 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 |
| 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 | Voltage stability analysis in conversion of double three-phase to six-phase transmission line. , 2010, , . | | 1 |
| 23 | A novel wavelet-neural network method for fault location analysis on transmission lines. , 2012, , . | | 1 |
| 24 | 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 |
| 25 | Harmonic analysis of power systems in order to network conversion. , 2010, , . | | 0 |
| 26 | 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 |
| 27 | 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 |