

Isaias Ramirez-Vazquez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

461
citations

840776
11
h-index

794594
19
g-index

25
all docs

25
docs citations

25
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Replacing steel members with composite members on transmission towers. Proceedings of Institution of Civil Engineers: Energy, 2019, 172, 26-40.	0.6	1
2	Polymeric insulators characterization aged in salt fog chamber by different techniques. , 2016, , .		1
3	Tracking and erosion requirements for high voltage silicone rubber insulators. , 2016, , .		8
4	Composite Materials As an Alternative to Replace Steel Members on Lattice Power Transmission Towers. Journal of Materials in Civil Engineering, 2016, 28, 04015151.	2.9	7
5	DC inclined-plane tracking and erosion test of insulating materials. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 211-217.	2.9	44
6	Evaluation of and Replacement Strategies for Aged High-Voltage Toughened Glass-Suspension Insulators. IEEE Transactions on Power Delivery, 2015, 30, 1145-1152.	4.3	8
7	Fractal analysis of nano-reinforced silicone rubber insulators evaluated on a tracking wheel. IEEE Electrical Insulation Magazine, 2014, 30, 21-27.	0.8	2
8	Performance of a spacer cable system under polluted conditions. IEEE Electrical Insulation Magazine, 2014, 30, 13-19.	0.8	4
9	Electric field analysis of spacer cable systems under polluted conditions. , 2014, , .		1
10	Electrical testing of high voltage insulators reinforced with nano particles and its fractal analysis. , 2013, , .		1
11	Application of nano particles for the modification of high voltage insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 2262-2269.	2.9	15
12	RTV silicone rubber pre-coated ceramic insulators for transmission lines. IEEE Transactions on Dielectrics and Electrical Insulation, 2013, 20, 237-244.	2.9	42
13	Measurement of leakage current for monitoring the performance of outdoor insulators in polluted environments. IEEE Electrical Insulation Magazine, 2012, 28, 29-34.	0.8	50
14	Comparison of the erosion resistance of silicone rubber and EPDM composites filled with micro silica and ATH. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 218-224.	2.9	52
15	Electric-Field Analysis of Spacer Cable Systems for Compact Overhead Distribution Lines. IEEE Transactions on Power Delivery, 2012, 27, 2312-2317.	4.3	12
16	Analysis of accelerated ageing of non-ceramic insulation equipments. IET Generation, Transmission and Distribution, 2012, 6, 59.	2.5	16
17	Analysis of temperature profiles and protective mechanism against dry-band arcing in silicone rubber nanocomposites. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 597-606.	2.9	9
18	Evaluation in laboratory of nonceramic insulators having different leakage distance. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Performance of silicone rubber nanocomposites in salt-fog, inclined plane, and laser ablation tests. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 206-213.	2.9	38
20	Diagnostics for nonceramic insulators in harsh environments. IEEE Electrical Insulation Magazine, 2009, 25, 28-33.	0.8	10
21	Erosion resistance and mechanical properties of silicone nanocomposite insulation. IEEE Transactions on Dielectrics and Electrical Insulation, 2009, 16, 52-59.	2.9	62
22	Nanofilled silicone dielectrics prepared with surfactant for outdoor insulation applications. IEEE Transactions on Dielectrics and Electrical Insulation, 2008, 15, 228-235.	2.9	54
23	Experiences on pollution level measurement in Mexico. Electric Power Systems Research, 2005, 76, 58-66.	3.6	19
24	Analysis of the Mexican lightning activity monitored by NASA satellites. Electric Power Systems Research, 2004, 72, 187-193.	3.6	4
25	Direct Current Inclined Plane Testing on Silicone Rubber Composites Reinforced with Silica Nano Particles. Journal of Nano Research, 0, 71, 135-149.	0.8	0