

Raphael Batista

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Assessment of Frequency-Dependent Parameters of Stratified Soils for Lightning Response of Earth Electrodes. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 2292-2295.	2.2	1
2	Computing grounding resistance and impulse impedance of horizontal electrodes parallel or perpendicular to the interface of a vertically stratified soil using transmission line theory. Electric Power Systems Research, 2021, 194, 107060.	3.6	1
3	Lightning performance of a critical path from a 230-kV transmission line with grounding composed by deep vertical electrodes. Electric Power Systems Research, 2021, 195, 107165.	3.6	7
4	A study of grounding arrangements composed by vertical electrodes for two-layered stratified soil models. Electric Power Systems Research, 2020, 180, 106129.	3.6	8
5	A practical approach to estimate grounding impedance of a vertical rod in a two-layer soil. Electric Power Systems Research, 2019, 177, 105973.	3.6	10
6	A Vertical Grounding Arrangement that Diminishes Impulse Coefficient in a Two-Layered Soil. , 2019, , .		0
7	Using Artificial Neural Networks to Estimate the Equivalent Resistivity from typical Transmission Line Towers Grounding Arrangement in a Two-Layer Soil. , 2019, , .		0
8	A Simplified Method for Calculating the Impedance of Vertical Grounding Electrodes Buried in a Horizontally Stratified Multilayer Ground. , 2018, , .		7
9	Analysis of a simplified digital filter for the automatic identification of transients contained in oscillographies. , 2018, , .		0
10	Parameter estimation of a two-layer soil model using Quasi-Newton methods. , 2018, , .		1
11	USO DE FILTRO PASSA-ALTAS AO MÃ“DULO DE ESTIMAÃ§Ã“ FASORIAL PARA DETECTAR TRANSITÃ“RIOS CONTIDOS EM OSCILOGRAFIAS. , 0, , .		10
12	DETECÃ§Ã“ E CARACTERIZAÃ§Ã“ DE TRANSITÃ“RIOS PRESENTES EM OSCILOGRAFIAS. , 0, , .		0
13	COMPARATIVO DE FATORES DE DESEQUILÃBRIO DE TENSÃ“O NA ANÃLISE DE TRANSITÃ“RIOS PRESENTES EM OSCILOGRAFIAS. , 0, , .		0
14	PARAM Ã“CÃLCULO DE PARÃMETROS E MODELOS EQUIVALENTES DE LINHAS DE TRANSMISSÃ“O AÃ“REAS NO DOMÃNIO DA FREQUÃNCIA. , 0, , .		0
15	BREVE ESTUDO DO EFEITO CORONA E SEU IMPACTO NAS ONDAS DE TENSÃ“O DE UMA LINHA DE TRANSMISSÃ“O MONOFÃSICA. , 0, , .		0
16	ESTUDO COMPUTACIONAL DE TOPOLOGIAS ALTERNATIVAS DO CIRCUITO DE GREINACHER PARA GERAÃ§Ã“ OTIMIZADA DE ALTAS TENSÃ“ES CONTÃNUAS. , 0, , .		4
17	LINHA DE TRANSMISSÃ“O MONOFÃSICA COM FORTE ASSIMETRIA ENTRE CONDUTORES REPRESENTADA NO DOMÃNIO DO TEMPO A PARTIR DE SUA MATRIZ DE ADMITÃNCIA NODAL POR MEIO DO VECTOR FITTING. , 0, , .		0
18	ANÃLISE DE SENSIBILIDADE DO ALGORITMO DE SEEDHER APLICADO Ã“ ESTIMAÃ§Ã“ DOS PARÃMETROS DE UM MODELO DE SOLO ESTRATIFICADO EM DUAS CAMADAS PARA ATERRAMENTOS ELÃTRICOS. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	USO DE BOBINAS PARA EXTRAÇÃO DE ENERGIA ELÉTRICA DE LINHAS DE TRANSMISSÃO POR ACOPLAMENTO INDUTIVO. , 0 , , .		1