

Antônio Paulo Cardillo Magalhães

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1759189/publications.pdf>

Version: 2024-02-01

28
papers

254
citations

1307594

7
h-index

996975

15
g-index

28
all docs

28
docs citations

28
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Electromagnetic Model for Steel-Cored Conductors. IEEE Transactions on Power Delivery, 2022, 37, 239-248.	4.3	1
2	Magnetic properties of an ACSR conductor steel core at temperatures up to 230°C and their impact on the transformer effect. IET Science, Measurement and Technology, 2021, 15, 143-153.	1.6	2
3	Influence on Short-circuit of Substation Grounding Grids by the Use of OPGW Cables. IEEE Latin America Transactions, 2021, 19, 466-473.	1.6	2
4	Multi-scale formulation of admittance-based modeling of cables. Electric Power Systems Research, 2021, 195, 107120.	3.6	4
5	Sensitivity analysis of frequency-Dependent soil models based on rational approximation.. Electric Power Systems Research, 2021, 196, 107235.	3.6	1
6	Earth return admittance impact on crossbonded underground cables. Electric Power Systems Research, 2021, 198, 107351.	3.6	3
7	Modeling of a Resistive Voltage Divider by Rational Functions: Uncertainty Evaluation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	3
8	A Computational Improvement in Grounding Systems Transient Analysis. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 765-773.	2.2	7
9	A Concise Approach of Soil Models for Time-Domain Analysis. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1772-1779.	2.2	10
10	Frequency-dependent equivalent based on idempotent decomposition and grouping. Electric Power Systems Research, 2020, 189, 106800.	3.6	1
11	Closed-Form Approximation for Horizontal Grounding Electrodes Transient Analysis. Journal of Control, Automation and Electrical Systems, 2020, 31, 1063-1073.	2.0	2
12	Closed-Form Expression for Ground Return Admittance in Underground Cables. IEEE Transactions on Power Delivery, 2019, 34, 2251-2253.	4.3	6
13	Evaluation of a Phase-Locked Loop Phasor Measurement Algorithm on a Harmonic Polluted Environment in Applications Such as PMU. Journal of Control, Automation and Electrical Systems, 2019, 30, 424-433.	2.0	7
14	Co-simulation of a Doubly Fed Induction Generator Connected to a Power Network: The use of DSOGI for Phasor Extraction. IEEE Latin America Transactions, 2019, 17, 1070-1079.	1.6	4
15	Investigation of Overvoltages in HV Underground Sections Caused by Direct Strokes Considering the Frequency-Dependent Characteristics of Grounding. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 2002-2010.	2.2	14
16	A Multiple Time-Step Formulation of Frequency-Dependent Network Equivalents. Journal of Control, Automation and Electrical Systems, 2018, 29, 230-237.	2.0	4
17	A Noniterative Approximation of a Full-Wave Model of Thin Wire Above and Buried in a Lossy Ground. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1873-1881.	2.2	4
18	Evaluation of the impact of different frequency dependent soil models on lightning overvoltages. Electric Power Systems Research, 2018, 159, 40-49.	3.6	37

#	ARTICLE	IF	CITATIONS
19	Assessment of different formulations for the ground return parameters in modeling overhead lines. Electric Power Systems Research, 2018, 164, 20-30.	3.6	8
20	Modelling seabed buried cables for electromagnetic transient analysis. IET Generation, Transmission and Distribution, 2017, 11, 1575-1582.	2.5	12
21	Modelling of non-uniform lines using rational approximation and mode revealing transformation. IET Generation, Transmission and Distribution, 2017, 11, 2050-2055.	2.5	6
22	Approximation of Lightning Current Waveforms Using Complex Exponential Functions. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1686-1689.	2.2	5
23	Some developments on phase coordinates line modeling based on Idempotent decomposition. International Journal of Electrical Power and Energy Systems, 2016, 74, 410-419.	5.5	3
24	Investigation on the limitation of closed-form expressions for wideband modeling of overhead transmission lines. Electric Power Systems Research, 2016, 130, 113-123.	3.6	7
25	A new wavelet selection method for partial discharge denoising. Electric Power Systems Research, 2015, 125, 184-195.	3.6	62
26	A Frequency-Domain Approach to Compute Surge Propagation on a Single-Phase Transmission Line Under Corona. Journal of Control, Automation and Electrical Systems, 2015, 26, 307-313.	2.0	0
27	Identification of partial discharges immersed in noise in large hydro-generators based on improved wavelet selection methods. Measurement: Journal of the International Measurement Confederation, 2015, 75, 122-133.	5.0	35
28	Rational Modeling of Nonhomogeneous Systems. Journal of Control, Automation and Electrical Systems, 2015, 26, 180-189.	2.0	4