Paolo Maffezzoni

List of Publications by Year
in descending order

18 papers	334 citations	840119 11 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	225 citing authors

#	Article	IF	Citations
1	Analysis of Oscillator Injection Locking Through Phase-Domain Impulse-Response. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 1297-1305.	3.5	63
2	Uncertainty-Aware Computational Tools for Power Distribution Networks Including Electrical Vehicle Charging and Load Profiles. IEEE Access, 2019, 7, 9357-9367.	2.6	35
3	Probabilistic load flow methodology for distribution networks including loads uncertainty. International Journal of Electrical Power and Energy Systems, 2019, 106, 392-400.	3.3	31
4	Wave-Based Analysis of Large Nonlinear Photovoltaic Arrays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1363-1376.	3.5	30
5	Joined Probabilistic Load Flow and Sensitivity Analysis of Distribution Networks Based on Polynomial Chaos Method. IEEE Transactions on Power Systems, 2020, 35, 618-627.	4.6	30
6	Linear Multistep Discretization Methods With Variable Step-Size in Nonlinear Wave Digital Structures for Virtual Analog Modeling. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1763-1776.	4.0	21
7	Data-driven uncertainty analysis of distribution networks including photovoltaic generation. International Journal of Electrical Power and Energy Systems, 2020, 121, 106043.	3.3	19
8	Analysis and Design of Weakly Coupled LC Oscillator Arrays Based on Phase-Domain Macromodels. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2015, 34, 77-85.	1.9	17
9	Computing the Perturbation Projection Vector of Oscillators via Frequency Domain Analysis. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2012, 31, 1499-1507.	1.9	16
10	Reducing Phase Noise in Multi-Phase Oscillators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 379-388.	3.5	12
11	Gaussian Copula Methodology to Model Photovoltaic Generation Uncertainty Correlation in Power Distribution Networks. Energies, 2021, 14, 2349.	1.6	12
12	Analysis and Design of Boolean Associative Memories Made of Resonant Oscillator Arrays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1964-1973.	3.5	11
13	Variation-Aware Modeling of Integrated Capacitors Based on Floating Random Walk Extraction. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2180-2184.	1.9	11
14	Vector Wave Digital Filters and Their Application to Circuits With Two-Port Elements. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1269-1282.	3.5	10
15	Modeling Photovoltaic Generation Uncertainties for Monte Carlo Method based Probabilistic Load Flow Analysis of Distribution Network. , 2020, , .		7
16	Multidomain modeling of nonlinear electromagnetic circuits using wave digital filters. International Journal of Circuit Theory and Applications, 2022, 50, 539-561.	1.3	7
17	Exploiting Oscillator Arrays As Randomness Sources for Cryptographic Applications. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2999-3007.	1.9	2
18	Piece-Wise Linear (PWL) Probabilistic Analysis of Power Grid with High Penetration PV Integration. Energies, 2022, 15, 4752.	1.6	0