

# Paolo Maffezzoni

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multidomain modeling of nonlinear electromagnetic circuits using wave digital filters. International Journal of Circuit Theory and Applications, 2022, 50, 539-561.	1.3	7
2	Piece-Wise Linear (PWL) Probabilistic Analysis of Power Grid with High Penetration PV Integration. Energies, 2022, 15, 4752.	1.6	0
3	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
4	Gaussian Copula Methodology to Model Photovoltaic Generation Uncertainty Correlation in Power Distribution Networks. Energies, 2021, 14, 2349.	1.6	12
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	Modeling Photovoltaic Generation Uncertainties for Monte Carlo Method based Probabilistic Load Flow Analysis of Distribution Network. , 2020, , .		7
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	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
9	Uncertainty-Aware Computational Tools for Power Distribution Networks Including Electrical Vehicle Charging and Load Profiles. IEEE Access, 2019, 7, 9357-9367.	2.6	35
10	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
11	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
12	Wave-Based Analysis of Large Nonlinear Photovoltaic Arrays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1363-1376.	3.5	30
13	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
14	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
15	Reducing Phase Noise in Multi-Phase Oscillators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 379-388.	3.5	12
16	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
17	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
18	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