

Thomas Loveless

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Automated Identification of Electrical Disturbance Waveforms Within an Operational Smart Power Grid. IEEE Transactions on Smart Grid, 2020, 11, 4380-4389.	9.0	24
2	Nelder-Mead Simplex Channel Estimation for the RF-DNA Fingerprinting of OFDM Transmitters Under Rayleigh Fading Conditions. IEEE Transactions on Information Forensics and Security, 2021, 16, 2381-2396.	6.9	22
3	Analysis of Single-Event Transients (SETs) Using Machine Learning (ML) and Ionizing Radiation Effects Spectroscopy (IRES). IEEE Transactions on Nuclear Science, 2021, 68, 1600-1606.	2.0	9
4	Ionizing Radiation Effects Spectroscopy for Analysis of Total-Ionizing Dose Degradation in RF Circuits. IEEE Transactions on Nuclear Science, 2019, 66, 61-68.	2.0	8
5	Ionizing Radiation Effects Spectroscopy for Analysis of Single-Event Transients. IEEE Transactions on Nuclear Science, 2020, 67, 99-107.	2.0	7
6	Radiation Hardened by Design Subsampling Phase-Locked Loop Techniques in PD-SOI. IEEE Transactions on Nuclear Science, 2020, 67, 1144-1151.	2.0	7
7	Electrical Measurement of Cell-to-Cell Variation of Critical Charge in SRAM and Sensitivity to Single-Event Upsets by Low-Energy Protons. IEEE Transactions on Nuclear Science, 2021, 68, 815-822.	2.0	7
8	Time-Domain Modeling of All-Digital PLLs to Single-Event Upset Perturbations. IEEE Transactions on Nuclear Science, 2018, 65, 311-317.	2.0	3
9	Effects of Total Ionizing Dose on SRAM Physical Unclonable Functions. IEEE Transactions on Nuclear Science, 2022, 69, 349-358.	2.0	3
10	Single-Event Characterization of Common 1σ and 2σ-order All-digital Phase-locked Loops (ADPLLs). IEEE Transactions on Nuclear Science, 2017, , 1-1.	2.0	1