

Kay-Obbe Voss

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heavy-Ion Microbeam Studies of Single-Event Leakage Current Mechanism in SiC VD-MOSFETs. IEEE Transactions on Nuclear Science, 2020, 67, 1381-1389.	2.0	36
2	Optimizing Optical Parameters to Facilitate Correlation of Laser- and Heavy-Ion-Induced Single-Event Transients in SiGe HBTs. IEEE Transactions on Nuclear Science, 2019, 66, 359-367.	2.0	15
3	Experimental Investigation of Single-Event Transient Waveforms Depending on Transistor Spacing and Charge Sharing in 65-nm CMOS. IEEE Transactions on Nuclear Science, 2017, 64, 2136-2143.	2.0	14
4	Single Event Effects Characterization of the Programmable Logic of Xilinx Zynq-7000 FPGA Using Very/Ultra High-Energy Heavy Ions. IEEE Transactions on Nuclear Science, 2021, 68, 36-45.	2.0	11
5	Evidence of Pulse Quenching in AND and OR Gates by Experimental Probing of Full Single-Event Transient Waveforms. IEEE Transactions on Nuclear Science, 2018, 65, 382-390.	2.0	5
6	A Heavy-Ion Beam Monitor Based on 3-D NAND Flash Memories. IEEE Transactions on Nuclear Science, 2021, 68, 884-889.	2.0	5
7	Experimental Investigation of the Joint Influence of Reduced Supply Voltage and Charge Sharing on Single-Event Transient Waveforms in 65-nm Triple-Well CMOS. IEEE Transactions on Nuclear Science, 2018, 65, 1908-1913.	2.0	4
8	Microbeam SEE Analysis of MIM Capacitors for GaN Amplifiers. IEEE Transactions on Nuclear Science, 2018, 65, 732-738.	2.0	2
9	Energy Deposition by Ultrahigh Energy Ions in Large and Small Sensitive Volumes. IEEE Transactions on Nuclear Science, 2022, 69, 241-247.	2.0	1