

Marko S AndjelkoviÄ

List of Publications by Year in descending order

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papers

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20
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20
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citing authors

#	ARTICLE	IF	CITATIONS
1	Commercial P-Channel Power VDMOSFET as X-ray Dosimeter. Electronics (Switzerland), 2022, 11, 918.	3.1	1
2	A design concept for radiation hardened RADFET readout system for space applications. Microprocessors and Microsystems, 2022, 90, 104486.	2.8	1
3	Fast Error Propagation Probability Estimates by Answer Set Programming and Approximate Model Counting. IEEE Access, 2022, 10, 51814-51825.	4.2	1
4	Response of Commercial P-Channel Power VDMOS Transistors to Ionizing Irradiation and Bias Temperature Stress. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	1
5	Radiation sensitive MOSFETs irradiated with various positive gate biases. Journal of Radiation Research and Applied Sciences, 2021, 14, 353-357.	1.2	2
6	Design and Evaluation of Radiation-Hardened Standard Cell Flip-Flops. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4796-4809.	5.4	16
7	Reliability Analysis in Less than 200 Lines of Code. , 2021, , .		2
8	Monitoring of Particle Count Rate and LET Variations With Pulse Stretching Inverters. IEEE Transactions on Nuclear Science, 2021, 68, 1772-1781.	2.0	4
9	PISA: Power-robust Multiprocessor Design for Space Applications. , 2020, , .		12
10	Design of Radiation Hardened RADFET Readout System for Space Applications. , 2020, , .		3
11	Design Concept for Radiation-Hardening of Triple Modular Redundancy TSPC Flip-Flops. , 2020, , .		2
12	A Particle Detector Based on Pulse Stretching Inverter Chain. , 2019, , .		4
13	Design of SRAM-Based Low-Cost SEU Monitor for Self-Adaptive Multiprocessing Systems. , 2019, , .		11
14	D-SET Mitigation Using Common Clock Tree Insertion Techniques for Triple-Clock TMR Flip-Flop. , 2018, , .		6
15	SET response of a SEL protection switch for 130 and 250 nm CMOS technologies. , 2016, , .		3
16	Using RADFET for the real-time measurement of gamma radiation dose rate. Measurement Science and Technology, 2015, 26, 025004.	2.6	26
17	The behavior of fixed and switching oxide traps of RADFETs during irradiation up to high absorbed doses. Applied Radiation and Isotopes, 2015, 102, 29-34.	1.5	16
18	Circuit-Level Simulation of the Single Event Transients in an On-Chip Single Event Latchup Protection Switch. Journal of Electronic Testing: Theory and Applications (JETTA), 2015, 31, 275-289.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Simulation-Based Analysis of the Single Event Transient Response of a Single Event Latchup Protection Switch. , 2015, , .		3
20	Feasibility study of a current mode gamma radiation dosimeter based on a commercial pin photodiode and a custom made auto-ranging electrometer. Nuclear Technology and Radiation Protection, 2013, 28, 73-83.	0.8	26