

# Marko S AndjelkoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

148  
citations

1684188

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h-index

1372567

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g-index

20  
all docs

20  
docs citations

20  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using RADFET for the real-time measurement of gamma radiation dose rate. Measurement Science and Technology, 2015, 26, 025004.	2.6	26
2	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
3	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
4	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
5	PISA: Power-robust Multiprocessor Design for Space Applications. , 2020, , .		12
6	Design of SRAM-Based Low-Cost SEU Monitor for Self-Adaptive Multiprocessing Systems. , 2019, , .		11
7	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
8	D-SET Mitigation Using Common Clock Tree Insertion Techniques for Triple-Clock TMR Flip-Flop. , 2018, , .		6
9	A Particle Detector Based on Pulse Stretching Inverter Chain. , 2019, , .		4
10	Monitoring of Particle Count Rate and LET Variations With Pulse Stretching Inverters. IEEE Transactions on Nuclear Science, 2021, 68, 1772-1781.	2.0	4
11	Simulation-Based Analysis of the Single Event Transient Response of a Single Event Latchup Protection Switch. , 2015, , .		3
12	SET response of a SEL protection switch for 130 and 250 nm CMOS technologies. , 2016, , .		3
13	Design of Radiation Hardened RADFET Readout System for Space Applications. , 2020, , .		3
14	Design Concept for Radiation-Hardening of Triple Modular Redundancy TSPC Flip-Flops. , 2020, , .		2
15	Radiation sensitive MOSFETs irradiated with various positive gate biases. Journal of Radiation Research and Applied Sciences, 2021, 14, 353-357.	1.2	2
16	Reliability Analysis in Less than 200 Lines of Code. , 2021, , .		2
17	Commercial P-Channel Power VDMOSFET as X-ray Dosimeter. Electronics (Switzerland), 2022, 11, 918.	3.1	1
18	A design concept for radiation hardened RADFET readout system for space applications. Microprocessors and Microsystems, 2022, 90, 104486.	2.8	1

#	ARTICLE	IF	CITATIONS
19	Fast Error Propagation Probability Estimates by Answer Set Programming and Approximate Model Counting. IEEE Access, 2022, 10, 51814-51825.	4.2	1
20	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