

Stefano Bettarini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

41
citations

4
h-index

6
g-index

16
ext. papers

52
ext. citations

1.5
avg, IF

0.07
L-index

#	Paper	IF	Citations
11	Quadruple Well CMOS MAPS With Time-Invariant Processor Exposed to Ionizing Radiation and Neutrons. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1763-1771	1.7	1
10	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1039-1046	1.7	1
9	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 700-707	1.7	
8	Design and TCAD simulations of planar active-edge pixel sensors for future XFEL applications 2014 ,		4
7	Modeling Charge Loss in CMOS MAPS Exposed to Non-Ionizing Radiation. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2574-2582	1.7	4
6	Monolithic Pixel Sensors for Fast Silicon Vertex Trackers in a Quadruple Well CMOS Technology. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2343-2351	1.7	2
5	Characterization of Bulk Damage in CMOS MAPS With Deep N-Well Collecting Electrode. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 900-908	1.7	9
4	Monolithic pixel sensors for fast particle trackers in a quadruple well CMOS technology 2012 ,		1
3	Front-End Performance and Charge Collection Properties of Heavily Irradiated DNW MAPS. <i>IEEE Transactions on Nuclear Science</i> , 2010 , 57, 1781-1789	1.7	11
2	Performance evaluation of radiation sensors with internal signal amplification based on the BJT effect. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 568, 217-223	1.2	7
1	N^+P^+P bipolar-junction-transistor detector with integrated p^+p^+ biasing transistor Feasibility study, design and first experimental results. <i>Semiconductor Science and Technology</i> , 2006 , 21, 194-200	1.8	1