

# Stefano Bettarini

## List of Publications by Citations

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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	Front-End Performance and Charge Collection Properties of Heavily Irradiated DNW MAPS. <i>IEEE Transactions on Nuclear Science</i> , <b>2010</b> , 57, 1781-1789	1.7	11
10	Characterization of Bulk Damage in CMOS MAPS With Deep N-Well Collecting Electrode. <i>IEEE Transactions on Nuclear Science</i> , <b>2012</b> , 59, 900-908	1.7	9
9	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> , <b>2006</b> , 568, 217-223	1.2	7
8	Design and TCAD simulations of planar active-edge pixel sensors for future XFEL applications <b>2014</b> ,		4
7	Modeling Charge Loss in CMOS MAPS Exposed to Non-Ionizing Radiation. <i>IEEE Transactions on Nuclear Science</i> , <b>2013</b> , 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> , <b>2013</b> , 60, 2343-2351	1.7	2
5	Quadruple Well CMOS MAPS With Time-Invariant Processor Exposed to Ionizing Radiation and Neutrons. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 1763-1771	1.7	1
4	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 1039-1046	1.7	1
3	Monolithic pixel sensors for fast particle trackers in a quadruple well CMOS technology <b>2012</b> ,		1
2	<del>NPN</del> bipolar-junction-transistor detector with integrated <del>pnp</del> biasing transistor feasibility study, design and first experimental results. <i>Semiconductor Science and Technology</i> , <b>2006</b> , 21, 194-200	1.8	1
1	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. <i>IEEE Transactions on Nuclear Science</i> , <b>2014</b> , 61, 700-707	1.7	