Stefano Bettarini

List of Publications by Citations

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. *IEEE Transactions on Nuclear Science*, **2010**, 57, 1781-1789	1.7	11
10	Characterization of Bulk Damage in CMOS MAPS With Deep N-Well Collecting Electrode. *IEEE Transactions on Nuclear Science*, **2012**, 59, 900-908	1.7	9
9	Performance evaluation of radiation sensors with internal signal amplification based on the BJT effect. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2006**, 568, 217-223	1.2	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. *IEEE Transactions on Nuclear Science*, **2013**, 60, 2574-2582	1.7	4
6	Monolithic Pixel Sensors for Fast Silicon Vertex Trackers in a Quadruple Well CMOS Technology. *IEEE Transactions on Nuclear Science*, **2013**, 60, 2343-2351	1.7	2
5	Quadruple Well CMOS MAPS With Time-Invariant Processor Exposed to Ionizing Radiation and Neutrons. *IEEE Transactions on Nuclear Science*, **2014**, 61, 1763-1771	1.7	1
4	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. *IEEE Transactions on Nuclear Science*, **2014**, 61, 1039-1046	1.7	1
3	Monolithic pixel sensors for fast particle trackers in a quadruple well CMOS technology **2012**,		1
2	N□□ bipolar-junction-transistor detector with integrated p□□ biasing transistor□easibility study, design and first experimental results. *Semiconductor Science and Technology*, **2006**, 21, 194-200	1.8	1
1	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. *IEEE Transactions on Nuclear Science*, **2014**, 61, 700-707	1.7	