

# Francesco Gramuglia

## List of Publications by Year in descending order

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9  
papers

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citations

1684188

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1720034

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docs citations

10  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Low-Noise CMOS SPAD Pixel With 12.1 Ps SPTR and 3 Ns Dead Time. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-9.	2.9	33
2	Engineering Breakdown Probability Profile for PDP and DCR Optimization in a SPAD Fabricated in a Standard 55 nm BCD Process. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-10.	2.9	21
3	Sub-10 ps Minimum Ionizing Particle Detection With Geiger-Mode APDs. Frontiers in Physics, 2022, 10, .	2.1	15
4	On Analog Silicon Photomultipliers in Standard 55-nm BCD Technology for LiDAR Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-10.	2.9	9
5	Light Extraction Enhancement Techniques for Inorganic Scintillators. Crystals, 2021, 11, 362.	2.2	8
6	Radiation Hardness Study of Single-Photon Avalanche Diode for Space and High Energy Physics Applications. Sensors, 2022, 22, 2919.	3.8	4
7	Light Extraction Enhancement in Scintillation Crystals Using Thin Film Coatings. , 2018, , .		3
8	A Sensor Network Architecture for Digital SiPM-Based PET Systems. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 574-587.	3.7	2
9	Towards 10ps SPTR and Ultra-Low DCR in SiPMs Through the Combination of Microlenses and Photonic Crystals. , 2017, , .		1