

# Francescopaolo Mattioli Della Rocca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1704933/publications.pdf>

Version: 2024-02-01

8  
papers

233  
citations

1684188

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1872680

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docs citations

8  
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314  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 192imes128\$ Time Correlated SPAD Image Sensor in 40-nm CMOS Technology. IEEE Journal of Solid-State Circuits, 2019, 54, 1907-1916.	5.4	85
2	Real-time fluorescence lifetime actuation for cell sorting using a CMOS SPAD silicon photomultiplier. Optics Letters, 2016, 41, 673.	3.3	36
3	A 128 Å— 128 SPAD Motion-Triggered Time-of-Flight Image Sensor With In-Pixel Histogram and Column-Parallel Vision Processor. IEEE Journal of Solid-State Circuits, 2020, 55, 1762-1775.	5.4	36
4	A CMOS SPAD Sensor With a Multi-Event Folded Flash Time-to-Digital Converter for Ultra-Fast Optical Transient Capture. IEEE Sensors Journal, 2018, 18, 3163-3173.	4.7	35
5	High Dynamic Range Imaging at the Quantum Limit with Single Photon Avalanche Diode-Based Image Sensors. Sensors, 2018, 18, 1166.	3.8	32
6	A high dynamic range SPAD pixel for time of flight imaging. , 2017, , .		5
7	Hypervelocity time-of-flight characterisation of a 14GS/s histogramming CMOS SPAD sensor. Proceedings of SPIE, 2017, , .	0.8	2
8	A 128 Å— 128 SPAD Dynamic Vision-Triggered Time of Flight Imager. , 2019, , .		2