

Claudio Bruschini

Publication List - Nov. 2019

Journal Articles

- [1] Myung-Jae Lee et al. "First Near-Ultraviolet- and Blue-Enhanced Backside-Illuminated Single-Photon Avalanche Diode Based on Standard SOI CMOS Technology". In: *IEEE Journal of Selected Topics in Quantum Electronics* 25.5 (2019), pp. 1–6. DOI: 10.1109/jstqe.2019.2918930.
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- [3] Claudio Bruschini et al. "Single-photon avalanche diode imagers in biophotonics: review and outlook". In: *Light: Science & Applications* 8.1 (Sept. 2019). DOI: 10.1038/s41377-019-0191-5.
- [4] A. C. Ulku et al. "A 512×512 SPAD Image Sensor With Integrated Gating for Widefield FLIM". In: *IEEE Journal of Selected Topics in Quantum Electronics* 25.1 (Jan. 2019), pp. 1–12. ISSN: 1077-260X. DOI: 10.1109/JSTQE.2018.2867439.
- [5] Jan Buchholz et al. "Widefield High Frame Rate Single-Photon SPAD Imagers for SPIM-FCS". In: *Biophysical Journal* 114.10 (2018), pp. 2455–2464. ISSN: 0006-3495. DOI: 10.1016/j.bpj.2018.04.029. URL: <http://www.sciencedirect.com/science/article/pii/S000634951830523X>.
- [6] C. Bruschini et al. "A Sensor Network Architecture for Digital SiPM-Based PET Systems". In: *IEEE Transactions on Radiation and Plasma Medical Sciences* 2.6 (Nov. 2018), pp. 574–587. ISSN: 2469-7311. DOI: 10.1109/TRPMS.2018.2866953.
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- [9] Samuel Burri, Claudio Bruschini, and Edoardo Charbon. "LinoSPAD: A Compact Linear SPAD Camera System with 64 FPGA-Based TDC Modules for Versatile 50 ps Resolution Time-Resolved Imaging". In: *Instruments* 1.1 (2017). ISSN: 2410-390X. DOI: 10.3390/instruments1010006. URL: <http://www.mdpi.com/2410-390X/1/1/6>.
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