

Ivan Michel Antolovic

List of Publications by Year in descending order

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17
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citations

687363

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docs citations

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857
citing authors

#	ARTICLE	IF	CITATIONS
1	Heralded Spectroscopy Reveals Exciton–Exciton Correlations in Single Colloidal Quantum Dots. Nano Letters, 2021, 21, 6756-6763.	9.1	19
2	Resolving the Controversy in Biexciton Binding Energy of Cesium Lead Halide Perovskite Nanocrystals through Herald Single-Particle Spectroscopy. ACS Nano, 2021, 15, 19581-19587.	14.6	26
3	Wide-field time-gated SPAD imager for phasor-based FLIM applications. Methods and Applications in Fluorescence, 2020, 8, 024002.	2.3	50
4	Megapixel time-gated SPAD image sensor for 2D and 3D imaging applications. Optica, 2020, 7, 346.	9.3	200
5	Single-photon avalanche diode imagers in biophotonics: review and outlook. Light: Science and Applications, 2019, 8, 87.	16.6	269
6	A 30-frames/s, \$252imes144\$ SPAD Flash LiDAR With 1728 Dual-Clock 48.8-ps TDCs, and Pixel-Wise Integrated Histogramming. IEEE Journal of Solid-State Circuits, 2019, 54, 1137-1151.	5.4	142
7	A 512 Å— 512 SPAD Image Sensor With Integrated Gating for Widefield FLIM. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.	2.9	109
8	Phasor-based widefield FLIM using a gated 512Å—512 single-photon SPAD imager. , 2019, 10882, .		5
9	Optical-stack optimization for improved SPAD photon detection efficiency. , 2019, , .		8
10	Quantum correlation measurement with single photon avalanche diode arrays. Optics Express, 2019, 27, 32863.	3.4	42
11	A CMOS SPAD Imager with Collision Detection and 128 Dynamically Reallocating TDCs for Single-Photon Counting and 3D Time-of-Flight Imaging. Sensors, 2018, 18, 4016.	3.8	45
12	Monolithic SPAD Arrays for High-Performance, Time-Resolved Single-Photon Imaging. , 2018, , .		5
13	Dynamic range extension for photon counting arrays. Optics Express, 2018, 26, 22234.	3.4	57
14	SPAD imagers for super resolution localization microscopy enable analysis of fast fluorophore blinking. Scientific Reports, 2017, 7, 44108.	3.3	29
15	Photon-Counting Arrays for Time-Resolved Imaging. Sensors, 2016, 16, 1005.	3.8	22
16	Analyzing blinking effects in super resolution localization microscopy with single-photon SPAD imagers. , 2016, , .		3
17	Nonuniformity Analysis of a 65-kpixel CMOS SPAD Imager. IEEE Transactions on Electron Devices, 2016, 63, 57-64.	3.0	42