

Alexander D Griffiths

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2933450/publications.pdf>

Version: 2024-02-01

15
papers

127
citations

1307594

7
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Gallium nitride micro-light-emitting diode structured light sources for multi-modal optical wireless communications systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190185.	3.4	32
2	Scalable visible light communications with a micro-LED array projector and high-speed smartphone camera. Optics Express, 2019, 27, 15585.	3.4	21
3	Direct integration of micro-LEDs and a SPAD detector on a silicon CMOS chip for data communications and time-of-flight ranging. Optics Express, 2020, 28, 6909.	3.4	20
4	Multispectral time-of-flight imaging using light-emitting diodes. Optics Express, 2019, 27, 35485.	3.4	12
5	CMOS-integrated GaN LED array for discrete power level stepping in visible light communications. Optics Express, 2017, 25, A338.	3.4	10
6	High-sensitivity inter-satellite optical communications using chip-scale LED and single-photon detector hardware. Optics Express, 2021, 29, 10749.	3.4	7
7	Combining Time of Flight and Photometric Stereo Imaging for 3D Reconstruction of Discontinuous Scenes. Optics Letters, 2021, 46, 3612-3615.	3.3	7
8	Gb/s single-LED OFDM-based VLC using violet and UV Gallium nitride LEDs. , 2015, , .		6
9	Temporal Encoding to Reject Background Signals in a Low Complexity, Photon Counting Communication Link. Materials, 2018, 11, 1671.	2.9	4
10	Experimental demonstration of generalised space shift keying for visible light communication. , 2017, , .		3
11	Towards using LED Arrays for Relative Alignment of Cube Satellite Clusters. , 2019, , .		2
12	Invited Paper: Micro-LEDs for Technological Convergence between Displays, Optical Communications, and Sensing and Imaging Systems. Digest of Technical Papers SID International Symposium, 2020, 51, 638-641.	0.3	2
13	Hyperspectral Imaging Under Low Illumination with a Single Photon Camera. , 2018, , .		1
14	Spatially Superposed Pulse Amplitude Modulation Using a Chip-Scale CMOS-Integrated GaN LED Array. , 2016, , .		0
15	Integration of an LED/SPAD Optical Wireless Transceiver with CubeSat On-board Systems. , 2020, , .		0