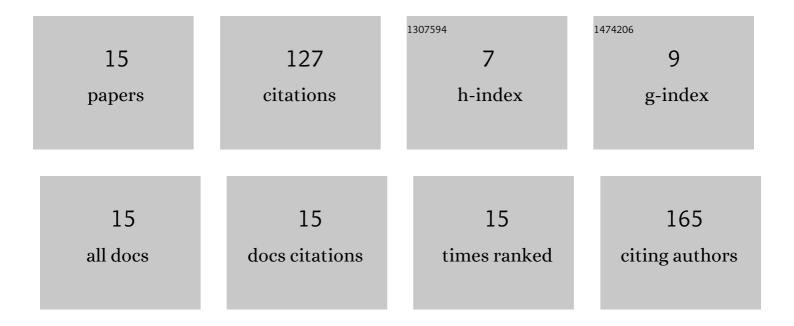
Alexander D Griffiths

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-sensitivity inter-satellite optical communications using chip-scale LED and single-photon detector hardware. Optics Express, 2021, 29, 10749.	3.4	7
2	Combining Time of Flight and Photometric Stereo Imaging for 3D Reconstruction of Discontinuous Scenes. Optics Letters, 2021, 46, 3612-3615.	3.3	7
3	44â€1: Invited Paper: Microâ€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
4	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
5	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
6	Integration of an LED/SPAD Optical Wireless Transceiver with CubeSat On-board Systems. , 2020, , .		0
7	Towards using LED Arrays for Relative Alignment of Cube Satellite Clusters. , 2019, , .		2
8	Scalable visible light communications with a micro-LED array projector and high-speed smartphone camera. Optics Express, 2019, 27, 15585.	3.4	21
9	Multispectral time-of-flight imaging using light-emitting diodes. Optics Express, 2019, 27, 35485.	3.4	12
10	Hyperspectral Imaging Under Low Illumination with a Single Photon Camera. , 2018, , .		1
11	Temporal Encoding to Reject Background Signals in a Low Complexity, Photon Counting Communication Link. Materials, 2018, 11, 1671.	2.9	4
12	Experimental demonstration of generalised space shift keying for visible light communication. , 2017, ,		3
13	CMOS-integrated GaN LED array for discrete power level stepping in visible light communications. Optics Express, 2017, 25, A338.	3.4	10
14	Spatially Superposed Pulse Amplitude Modulation Using a Chip-Scale CMOS-Integrated GaN LED Array. , 2016, , .		0
15	Gb/s single-LED OFDM-based VLC using violet and UV Gallium nitride μLEDs. , 2015, , .		6