

Antony C S Chan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

394
citations

1307366

7
h-index

1372474

10
g-index

16
all docs

16
docs citations

16
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Fourier ptychographic microscopy for high-throughput screening with 96 cameras (96 Eyes). Scientific Reports, 2019, 9, 11114.	1.6	37
2	Ultrafast laser-scanning time-stretch imaging at visible wavelengths. Light: Science and Applications, 2017, 6, e16196-e16196.	7.7	125
3	All-passive pixel super-resolution of time-stretch imaging. Scientific Reports, 2017, 7, 44608.	1.6	11
4	High-throughput time-stretch imaging cellular assay based on a high-speed spinning platform. , 2016, , .		0
5	Subsampled scanning holographic imaging (SuSHI) for fast, non-adaptive recording of three-dimensional objects. Optica, 2016, 3, 911.	4.8	38
6	Pixel super-resolution of time-stretch imaging by an equivalent-time sampling concept. , 2016, , .		0
7	Arbitrary two-dimensional spectrally encoded pattern generation—a new strategy for high-speed patterned illumination imaging. Optica, 2015, 2, 1037.	4.8	22
8	Extended focused imaging in a holographic microscopy imaging system. , 2015, , .		0
9	Pixel super-resolution in optical time-stretch microscopy using acousto-optic deflector. , 2015, , .		5
10	Revisit laser scanning fluorescence microscopy performance under fluorescence-lifetime-limited regime. Proceedings of SPIE, 2014, , .	0.8	0
11	Speed-dependent resolution analysis of ultrafast laser-scanning fluorescence microscopy. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 755.	0.9	5
12	Interferometric time-stretch microscopy for ultrafast quantitative cellular and tissue imaging at $1\frac{1}{4}$ m. Journal of Biomedical Optics, 2014, 19, 076001.	1.4	65
13	Signal reduction in fluorescence imaging using radio frequency-multiplexed excitation by compressed sensing. Proceedings of SPIE, 2014, , .	0.8	1
14	Asymmetric-detection time-stretch optical microscopy (ATOM) for ultrafast high-contrast cellular imaging in flow. Scientific Reports, 2014, 4, 3656.	1.6	83
15	Cost-effective approaches for high-resolution bioimaging by time-stretched confocal microscopy at $1\mu\text{m}$. Proceedings of SPIE, 2012, , .	0.8	1