

# Antony C S Chan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4839345/publications.pdf>

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