

# Tan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/314260/publications.pdf>

Version: 2024-02-01

16  
papers

522  
citations

840776

11  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	A combined method to quantify the retinal metabolic rate of oxygen using photoacoustic ophthalmoscopy and optical coherence tomography. <i>Scientific Reports</i> , 2014, 4, 6525.	3.3	106
2	Integrating photoacoustic ophthalmoscopy with scanning laser ophthalmoscopy, optical coherence tomography, and fluorescein angiography for a multimodal retinal imaging platform. <i>Journal of Biomedical Optics</i> , 2012, 17, 061206.	2.6	89
3	Combined photoacoustic microscopy and optical coherence tomography can measure metabolic rate of oxygen. <i>Biomedical Optics Express</i> , 2011, 2, 1359.	2.9	74
4	Optical coherence photoacoustic microscopy for in vivo multimodal retinal imaging. <i>Optics Letters</i> , 2015, 40, 1370.	3.3	48
5	Photoacoustic generation by multiple picosecond pulse excitation. <i>Medical Physics</i> , 2010, 37, 1518-1521.	3.0	45
6	Collecting back-reflected photons in photoacoustic microscopy. <i>Optics Express</i> , 2010, 18, 1278.	3.4	34
7	Saturation effect in functional photoacoustic imaging. <i>Journal of Biomedical Optics</i> , 2010, 15, 021317.	2.6	31
8	Near-infrared light photoacoustic ophthalmoscopy. <i>Biomedical Optics Express</i> , 2012, 3, 792.	2.9	24
9	Fundus Camera Guided Photoacoustic Ophthalmoscopy. <i>Current Eye Research</i> , 2013, 38, 1229-1234.	1.5	23
10	Image chorioretinal vasculature in albino rats using photoacoustic ophthalmoscopy. <i>Journal of Modern Optics</i> , 2011, 58, 1997-2001.	1.3	17
11	Simultaneous optical coherence tomography and lipofuscin autofluorescence imaging of the retina with a single broadband light source at 480nm. <i>Biomedical Optics Express</i> , 2014, 5, 4242.	2.9	12
12	Automatic retinal vessel segmentation based on active contours method in Doppler spectral-domain optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 016002.	2.6	7
13	Depth-resolved rhodopsin molecular contrast imaging for functional assessment of photoreceptors. <i>Scientific Reports</i> , 2015, 5, 13992.	3.3	7
14	In vivo imaging rhodopsin distribution in the photoreceptors with nano-second pulsed scanning laser ophthalmoscopy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 63-8.	2.0	5
15	Multimodal Retinal Imaging. , 2010, , .		0
16	A video-guided multimodal photoacoustic microscopy for retinal imaging. , 2014, , .		0