

Tan Liu

List of Publications by Year in descending order

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