

# Qiu-Xiang Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

395  
citations

858243

12  
h-index

1181555

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

405  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-resolution ophthalmoscopy: Virtually structured detection for resolution improvement in retinal imaging. <i>Experimental Biology and Medicine</i> , 2021, 246, 249-259.	1.1	4
2	Functional Optical Coherence Tomography Enables In Vivo Physiological Assessment of Retinal Rod and Cone Photoreceptors. <i>Scientific Reports</i> , 2015, 5, 9595.	1.6	40
3	Rapid super-resolution line-scanning microscopy through virtually structured detection. <i>Optics Letters</i> , 2015, 40, 1683.	1.7	20
4	Functional optical coherence tomography reveals transient phototropic change of photoreceptor outer segments. <i>Optics Letters</i> , 2014, 39, 6923.	1.7	27
5	Virtually Structured Detection Enables Super-Resolution in Scanning Laser Microscopy and Optical Coherence Tomography. , 2014, , .		0
6	Dynamic near-infrared imaging reveals transient phototropic change in retinal rod photoreceptors. <i>Journal of Biomedical Optics</i> , 2013, 18, 1.	1.4	25
7	En face optical coherence tomography of transient light response at photoreceptor outer segments in living frog eyecup. <i>Optics Letters</i> , 2013, 38, 4526.	1.7	15
8	Super-resolution scanning laser microscopy through virtually structured detection. <i>Biomedical Optics Express</i> , 2013, 4, 1673.	1.5	50
9	In vivo Optical Coherence Tomography of Light-Driven Melanosome Translocation in Retinal Pigment Epithelium. <i>Scientific Reports</i> , 2013, 3, 2644.	1.6	60
10	Intrinsic Optical Signal Imaging of Retinal Function. , 2013, , .		0
11	Comparative intrinsic optical signal imaging of wild-type and mutant mouse retinas. <i>Optics Express</i> , 2012, 20, 7646.	1.7	18
12	In Vivo Confocal Intrinsic Optical Signal Identification of Localized Retinal Dysfunction. , 2012, 53, 8139.		30
13	Investigation of the hyper-reflective inner/outer segment band in optical coherence tomography of living frog retina. <i>Journal of Biomedical Optics</i> , 2012, 17, 060504.	1.4	39
14	Circular polarization intrinsic optical signal recording of stimulus-evoked neural activity. <i>Optics Letters</i> , 2011, 36, 1866.	1.7	9
15	In vivo confocal imaging of fast intrinsic optical signals correlated with frog retinal activation. <i>Optics Letters</i> , 2011, 36, 4692.	1.7	17
16	Simultaneous imaging of light-evoked activities in retinal photoreceptors and inner neurons. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
17	In-vivo imaging of stimulus-evoked intrinsic optical signals correlated with retinal activation in anesthetized frog. , 2011, , .		0
18	High spatiotemporal resolution imaging of fast intrinsic optical signals activated by retinal flicker stimulation. <i>Optics Express</i> , 2010, 18, 7210.	1.7	25

#	ARTICLE	IF	CITATIONS
19	Microlens array recording of localized retinal responses. Optics Letters, 2010, 35, 3838.	1.7	16