

Weihua Gao

List of Publications by Year in descending order

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14
papers

1,328
citations

933447

10
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging cone photoreceptors in three dimensions and in time using ultrahigh resolution optical coherence tomography with adaptive optics. Biomedical Optics Express, 2011, 2, 748.	2.9	119
2	Imaging Retinal Capillaries Using Ultrahigh-Resolution Optical Coherence Tomography and Adaptive Optics. , 2011, 52, 6292.		73
3	3D imaging of cone photoreceptors over extended time periods using optical coherence tomography with adaptive optics. Proceedings of SPIE, 2011, , .	0.8	3
4	Imaging retinal nerve fiber bundles using optical coherence tomography with adaptive optics. Vision Research, 2011, 51, 1835-1844.	1.4	90
5	Imaging retinal nerve fiber bundles at ultrahigh-speed and ultrahigh-resolution using OCT with adaptive optics. , 2010, , .		1
6	Imaging outer segment renewal in living human cone photoreceptors. Optics Express, 2010, 18, 5257.	3.4	162
7	Volumetric retinal imaging with ultrahigh-resolution spectral-domain optical coherence tomography and adaptive optics using two broadband light sources. Optics Express, 2009, 17, 4095.	3.4	97
8	Retinal imaging with polarization-sensitive optical coherence tomography and adaptive optics. Optics Express, 2009, 17, 21634.	3.4	74
9	Measuring directionality of the retinal reflection with a Shack-Hartmann wavefront sensor. Optics Express, 2009, 17, 23085.	3.4	27
10	Measuring retinal contributions to the optical Stiles-Crawford effect with optical coherence tomography. Optics Express, 2008, 16, 6486.	3.4	170
11	Volumetric imaging of inner retina with adaptive optics spectral-domain optical coherence tomography. , 2007, , .		0
12	In vivo functional imaging of human cone photoreceptors. Optics Express, 2007, 15, 16141.	3.4	186
13	In vivo functional imaging of human cone photoreceptors. Optics Express, 2007, 15, 16141-60.	3.4	69
14	High-speed volumetric imaging of cone photoreceptors with adaptive optics spectral-domain optical coherence tomography. Optics Express, 2006, 14, 4380.	3.4	257