# Weihua Gao

List of Publications by Year
in descending order

| 14 papers | 1,328 citations | 933447<br>10<br>h-index | 1281871<br>11<br>g-index |
|---|---|---|---|
| 14<br>all docs | 14<br>docs citations | 14<br>times ranked | 710<br>citing authors |

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