Marco Ruggeri

List of Publications by Year in descending order

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29 papers	913 citations	840776 11 h-index	752698 20 g-index
29 all docs	29 docs citations	29 times ranked	1153 citing authors

#	Article	IF	Citations
1	Automated segmentation of the ciliary muscle in OCT images using fully convolutional networks. Biomedical Optics Express, 2022, 13, 2810.	2.9	6
2	Measurements of mechanical steady-state accommodation fluctuations using optical coherence tomography. , 2022, , .		0
3	In vivo measurement of the attenuation coefficient of the sclera and ciliary muscle. Biomedical Optics Express, 2021, 12, 5089.	2.9	2
4	Combined anterior segment OCT and wavefront-based autorefractor using a shared beam. Biomedical Optics Express, 2021, 12, 6746.	2.9	5
5	Measuring the effects of postmortem time and age on mouse lens elasticity using atomic force microscopy. Experimental Eye Research, 2021, 212, 108768.	2.6	1
6	In vivo measurement of the human crystalline lens equivalent refractive index using extended-depth OCT. Biomedical Optics Express, 2019, 10, 411.	2.9	20
7	Peripheral Defocus of the Monkey Crystalline Lens With Accommodation in a Lens Stretcher. , 2018, 59, 2177.		3
8	Variability of manual ciliary muscle segmentation in optical coherence tomography images. Biomedical Optics Express, 2018, 9, 791.	2.9	8
9	Assessment of eye length changes in accommodation using dynamic extended-depth OCT. Biomedical Optics Express, 2017, 8, 2709.	2.9	6
10	Quantification of the ciliary muscle and crystalline lens interaction during accommodation with synchronous OCT imaging. Biomedical Optics Express, 2016, 7, 1351.	2.9	30
11	Calculation of crystalline lens power using a modification of the Bennett method. Biomedical Optics Express, 2015, 6, 4501.	2.9	14
12	Dynamic imaging of accommodation by swept-source anterior segment optical coherence tomography. Journal of Cataract and Refractive Surgery, 2015, 41, 501-510.	1.5	34
13	Optical coherence contrast imaging using gold nanorods in living mice eyes. Clinical and Experimental Ophthalmology, 2015, 43, 358-366.	2.6	60
14	Extended-depth spectral-domain opticalÂcoherence tomography imaging ofÂtheÂcrystalline lens in Weill-Marchesani-like syndrome. JCRS Online Case Reports, 2014, 2, 92-95.	0.2	4
15	Biometry of the ciliary muscle during dynamic accommodation assessed with OCT. , 2014, , .		7
16	Safety and Effects of the Vector for the Leber Hereditary Optic Neuropathy Gene Therapy Clinical Trial. JAMA Ophthalmology, 2014, 132, 409.	2.5	83
17	In vivo measurement of the average refractive index of the human crystalline lens using optical coherence tomography. Optics Letters, 2013, 38, 85.	3.3	16
18	Imaging and full-length biometry of the eye during accommodation using spectral domain OCT with an optical switch. Biomedical Optics Express, 2012, 3, 1506.	2.9	72

#	Article	IF	Citations
19	Structural Correlation Between the Nerve Fiber Layer and Retinal Ganglion Cell Loss in Mice with Targeted Disruption of theBrn3bGene. , 2011, 52, 5226.		21
20	Spectral domain optical coherence tomography in a murine retinal detachment model. Experimental Eye Research, 2010, 90, 521-527.	2.6	29
21	Retinal Structure of Birds of Prey Revealed by Ultra-High Resolution Spectral-Domain Optical Coherence Tomography. , 2010, 51, 5789.		54
22	Efficiency and Safety of AAV-Mediated Gene Delivery of the Human ND4 Complex I Subunit in the Mouse Visual System. , 2009, 50, 4205.		76
23	Retinal tumor imaging and volume quantification in mouse model using spectral-domain optical coherence tomography. Optics Express, 2009, 17, 4074.	3.4	36
24	Polarization effect on the depth resolution of optical coherence tomography. Journal of Biomedical Optics, 2008, 13, 060503.	2.6	14
25	QUANTITATIVE EVALUATION OF RETINAL TUMOR VOLUME IN MOUSE MODEL OF RETINOBLASTOMA BY USING ULTRA HIGH-RESOLUTION OPTICAL COHERENCE TOMOGRAPHY. Journal of Innovative Optical Health Sciences, 2008, 01, 17-28.	1.0	3
26	Automatic retinal blood flow calculation using spectral domain optical coherence tomography. , 2008, , .		2
27	Ultra High-Resolution Optical Coherence Tomography for Non-contact Ocular Imaging of Small Animals. , 2008, , .		1
28	In Vivo Three-Dimensional High-Resolution Imaging of Rodent Retina with Spectral-Domain Optical Coherence Tomography. , 2007, 48, 1808.		210
29	Automatic retinal blood flow calculation using spectral domain optical coherence tomography. Optics Express, 2007, 15, 15193.	3.4	96