

Marco Ruggeri

List of Publications by Year in descending order

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Version: 2024-02-01

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	In Vivo Three-Dimensional High-Resolution Imaging of Rodent Retina with Spectral-Domain Optical Coherence Tomography. , 2007, 48, 1808.		210
2	Automatic retinal blood flow calculation using spectral domain optical coherence tomography. Optics Express, 2007, 15, 15193.	3.4	96
3	Safety and Effects of the Vector for the Leber Hereditary Optic Neuropathy Gene Therapy Clinical Trial. JAMA Ophthalmology, 2014, 132, 409.	2.5	83
4	Efficiency and Safety of AAV-Mediated Gene Delivery of the Human ND4 Complex I Subunit in the Mouse Visual System. , 2009, 50, 4205.		76
5	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
6	Optical coherence contrast imaging using gold nanorods in living mice eyes. Clinical and Experimental Ophthalmology, 2015, 43, 358-366.	2.6	60
7	Retinal Structure of Birds of Prey Revealed by Ultra-High Resolution Spectral-Domain Optical Coherence Tomography. , 2010, 51, 5789.		54
8	Retinal tumor imaging and volume quantification in mouse model using spectral-domain optical coherence tomography. Optics Express, 2009, 17, 4074.	3.4	36
9	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
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	Spectral domain optical coherence tomography in a murine retinal detachment model. Experimental Eye Research, 2010, 90, 521-527.	2.6	29
12	Structural Correlation Between the Nerve Fiber Layer and Retinal Ganglion Cell Loss in Mice with Targeted Disruption of the Brn3b Gene. , 2011, 52, 5226.		21
13	In vivo measurement of the human crystalline lens equivalent refractive index using extended-depth OCT. Biomedical Optics Express, 2019, 10, 411.	2.9	20
14	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
15	Polarization effect on the depth resolution of optical coherence tomography. Journal of Biomedical Optics, 2008, 13, 060503.	2.6	14
16	Calculation of crystalline lens power using a modification of the Bennett method. Biomedical Optics Express, 2015, 6, 4501.	2.9	14
17	Variability of manual ciliary muscle segmentation in optical coherence tomography images. Biomedical Optics Express, 2018, 9, 791.	2.9	8
18	Biometry of the ciliary muscle during dynamic accommodation assessed with OCT. , 2014, , .		7

#	ARTICLE	IF	CITATIONS
19	Assessment of eye length changes in accommodation using dynamic extended-depth OCT. Biomedical Optics Express, 2017, 8, 2709.	2.9	6
20	Automated segmentation of the ciliary muscle in OCT images using fully convolutional networks. Biomedical Optics Express, 2022, 13, 2810.	2.9	6
21	Combined anterior segment OCT and wavefront-based autorefractor using a shared beam. Biomedical Optics Express, 2021, 12, 6746.	2.9	5
22	Extended-depth spectral-domain optical coherence tomography imaging of the crystalline lens in Weill-Marchesani-like syndrome. JCRS Online Case Reports, 2014, 2, 92-95.	0.2	4
23	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
24	Peripheral Defocus of the Monkey Crystalline Lens With Accommodation in a Lens Stretcher. , 2018, 59, 2177.		3
25	Automatic retinal blood flow calculation using spectral domain optical coherence tomography. , 2008, , .		2
26	In vivo measurement of the attenuation coefficient of the sclera and ciliary muscle. Biomedical Optics Express, 2021, 12, 5089.	2.9	2
27	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
28	Ultra High-Resolution Optical Coherence Tomography for Non-contact Ocular Imaging of Small Animals. , 2008, , .		1
29	Measurements of mechanical steady-state accommodation fluctuations using optical coherence tomography. , 2022, , .		0