

Daryl Lim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

632
citations

840776

11
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-field fluorescence sectioning with hybrid speckle and uniform-illumination microscopy. <i>Optics Letters</i> , 2008, 33, 1819.	3.3	157
2	Optically sectioned in vivo imaging with speckle illumination HiLo microscopy. <i>Journal of Biomedical Optics</i> , 2011, 16, 1.	2.6	89
3	Optically sectioned fluorescence endomicroscopy with hybrid-illumination imaging through a flexible fiber bundle. <i>Journal of Biomedical Optics</i> , 2009, 14, 1.	2.6	78
4	Fast optically sectioned fluorescence HiLo endomicroscopy. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	61
5	Neuronal Growth: A Bistable Stochastic Process. <i>Physical Review Letters</i> , 2006, 96, 098103.	7.8	52
6	Stochastic Actin Polymerization and Steady Retrograde Flow Determine Growth Cone Advancement. <i>Biophysical Journal</i> , 2009, 96, 5130-5138.	0.5	36
7	Enhanced weak-signal sensitivity in two-photon microscopy by adaptive illumination. <i>Optics Letters</i> , 2007, 32, 2846.	3.3	34
8	From Unseen to Seen: Tackling the Global Burden of Uncorrected Refractive Errors. <i>Annual Review of Biomedical Engineering</i> , 2014, 16, 131-153.	12.3	32
9	Design and Clinical Evaluation of a Handheld Wavefront Autorefractor. <i>Optometry and Vision Science</i> , 2015, 92, 1140-1147.	1.2	24
10	Validation of an Affordable Handheld Wavefront Autorefractor. <i>Optometry and Vision Science</i> , 2019, 96, 726-732.	1.2	18
11	Quality of eyeglass prescriptions from a low-cost wavefront autorefractor evaluated in rural India: results of a 708-participant field study. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000225.	1.6	16
12	Practical implementation of log-scale active illumination microscopy. <i>Biomedical Optics Express</i> , 2010, 1, 236.	2.9	12
13	Assesment of the QuickSee wavefront autorefractor for characterizing refractive errors in school-age children. <i>PLoS ONE</i> , 2020, 15, e0240933.	2.5	7
14	Investigation of the Accuracy of a Low-Cost, Portable Autorefractor to Provide Well-Tolerated Eyeglass Prescriptions. <i>Ophthalmology</i> , 2021, 128, 1672-1680.	5.2	6
15	Predicting subjective refraction with dynamic retinal image quality analysis. <i>Scientific Reports</i> , 2022, 12, 3714.	3.3	3
16	Autoconfocal microscopy with a cw laser and thermionic detection. <i>Optics Letters</i> , 2008, 33, 1345.	3.3	2
17	Two-photon microscopy with adaptive illumination power. , 2008, , .		2
18	Prediction of manifest refraction using machine learning ensemble models on wavefront aberrometry data. <i>Journal of Optometry</i> , 2022, 15, S22-S31.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Optically sectioned fluorescence endomicroscopy with hybrid-illumination imaging through a flexible fiber bundle. , 2009, , .		1
20	Widefield fluorescence sectioning with HiLo microscopy. , 2009, 2009, 3229-30.		0
21	Wide-field Fluorescence Sectioning with HiLo Microscopy. , 2009, , .		0
22	Logarithmic output active illumination microscopy. , 2010, , .		0
23	Practical Implementation of Log-Scale Active Illumination Microscopy. , 2011, , .		0
24	Optically Sectioned Fluorescence Imaging with HiLo. , 2011, , .		0