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List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,637
citations

331670

21
h-index

552781

26
g-index

38
all docs

38
docs citations

38
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive imaging of the human rod photoreceptor mosaic using a confocal adaptive optics scanning ophthalmoscope. <i>Biomedical Optics Express</i> , 2011, 2, 1864.	2.9	305
2	Adaptation of the central retina for high acuity vision: Cones, the fovea and the avascular zone. <i>Progress in Retinal and Eye Research</i> , 2013, 35, 63-81.	15.5	210
3	The cone dysfunction syndromes: Table 1. <i>British Journal of Ophthalmology</i> , 2016, 100, 115-121.	3.9	170
4	Relationship between the Foveal Avascular Zone and Foveal Pit Morphology. , 2012, 53, 1628.		143
5	Adaptive Optics Retinal Imaging: Emerging Clinical Applications. <i>Optometry and Vision Science</i> , 2010, 87, 930-941.	1.2	142
6	Photoreceptor Structure and Function in Patients with Congenital Achromatopsia. , 2011, 52, 7298.		142
7	Repeatability of In Vivo Parafoveal Cone Density and Spacing Measurements. <i>Optometry and Vision Science</i> , 2012, 89, 632-643.	1.2	135
8	Arrested development: High-resolution imaging of foveal morphology in albinism. <i>Vision Research</i> , 2010, 50, 810-817.	1.4	121
9	Relationship Between Foveal Cone Specialization and Pit Morphology in Albinism. , 2014, 55, 4186.		119
10	Vision science and adaptive optics, the state of the field. <i>Vision Research</i> , 2017, 132, 3-33.	1.4	115
11	The Effect of Cone Opsin Mutations on Retinal Structure and the Integrity of the Photoreceptor Mosaic. , 2012, 53, 8006.		85
12	Spatial and temporal variation of rod photoreceptor reflectance in the human retina. <i>Biomedical Optics Express</i> , 2011, 2, 2577.	2.9	82
13	Automatic cone photoreceptor segmentation using graph theory and dynamic programming. <i>Biomedical Optics Express</i> , 2013, 4, 924.	2.9	75
14	A Prospective Longitudinal Study of Retinal Structure and Function in Achromatopsia. , 2014, 55, 5733.		68
15	Genotype-Dependent Variability in Residual Cone Structure in Achromatopsia: Toward Developing Metrics for Assessing Cone Health. , 2014, 55, 7303.		67
16	Retinal imaging using commercial broadband optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2010, 94, 372-376.	3.9	60
17	Assessing Retinal Structure in Complete Congenital Stationary Night Blindness and Oguchi Disease. <i>American Journal of Ophthalmology</i> , 2012, 154, 987-1001.e1.	3.3	55
18	Assessing the spatial relationship between fixation and foveal specializations. <i>Vision Research</i> , 2017, 132, 53-61.	1.4	49

#	ARTICLE	IF	CITATIONS
19	Clinical Insights Into Foveal Morphology in Albinism. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2015, 52, 167-172.	0.7	45
20	Microscopic Inner Retinal Hyper-Reflective Phenotypes in Retinal and Neurologic Disease. , 2014, 55, 4015.		44
21	Outer Retinal Structure in Best Vitelliform Macular Dystrophy. <i>JAMA Ophthalmology</i> , 2013, 131, 1207.	2.5	40
22	Reliability and Repeatability of Cone Density Measurements in Patients with Congenital Achromatopsia. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 277-283.	1.6	39
23	Cone Photoreceptor Structure in Patients With X-Linked Cone Dysfunction and Red-Green Color Vision Deficiency. , 2016, 57, 3853.		36
24	Choroideremia: from genetic and clinical phenotyping to gene therapy and future treatments. <i>Therapeutic Advances in Ophthalmology</i> , 2018, 10, 251584141881749.	1.4	36
25	Integrity of the Cone Photoreceptor Mosaic in Oligocone Trichromacy. , 2011, 52, 4757.		33
26	Effects of Intraframe Distortion on Measures of Cone Mosaic Geometry from Adaptive Optics Scanning Light Ophthalmoscopy. <i>Translational Vision Science and Technology</i> , 2016, 5, 10.	2.2	33
27	Spectral Domain Optical Coherence Tomography and Adaptive Optics: Imaging Photoreceptor Layer Morphology to Interpret Preclinical Phenotypes. <i>Advances in Experimental Medicine and Biology</i> , 2010, 664, 309-316.	1.6	29
28	Unsupervised identification of cone photoreceptors in non-confocal adaptive optics scanning light ophthalmoscope images. <i>Biomedical Optics Express</i> , 2017, 8, 3081.	2.9	27
29	Cellular imaging of inherited retinal diseases using adaptive optics. <i>Eye</i> , 2019, 33, 1683-1698.	2.1	24
30	Subclinical Photoreceptor Disruption in Response to Severe Head Trauma. <i>JAMA Ophthalmology</i> , 2012, 130, 400.	2.4	21
31	Adaptive Optics and Spectral-Domain Optical Coherence Tomography of Human Photoreceptor Structure After Short Pascal Macular Grid and Panretinal Laser Photocoagulation. <i>JAMA Ophthalmology</i> , 2012, 130, 518.	2.4	16
32	Photobiomodulation preserves mitochondrial redox state and is retinoprotective in a rodent model of retinitis pigmentosa. <i>Scientific Reports</i> , 2020, 10, 20382.	3.3	16
33	Retinal Architecture in α -RGS9- and α -R9AP-Associated Retinal Dysfunction (Bradyopsia). <i>American Journal of Ophthalmology</i> , 2015, 160, 1269-1275.e1.	3.3	15
34	Dark-Adaptation Functions in Molecularly Confirmed Achromatopsia and the Implications for Assessment in Retinal Therapy Trials. , 2014, 55, 6340.		14
35	RhodopsinF45L Allele Does Not Cause Autosomal Dominant Retinitis Pigmentosa in a Large Caucasian Family. <i>Translational Vision Science and Technology</i> , 2013, 2, 4.	2.2	11
36	Novel Heterozygous Deletion in Retinol Dehydrogenase 12 (RDH12) Causes Familial Autosomal Dominant Retinitis Pigmentosa. <i>Frontiers in Genetics</i> , 2020, 11, 335.	2.3	11

#	ARTICLE	IF	CITATIONS
37	Optical Coherence Tomography Findings After Childhood Lensectomy. , 2019, 60, 4388.		4
38	The Use of Adaptive Optics Imaging for Clinical Trials. , 2020, , .		0