

Ian C Han

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,062
citations

18
h-index

31
g-index

74
ext. papers

1,339
ext. citations

5.5
avg, IF

4.52
L-index

#	Paper	IF	Citations
70	Effect of an intravitreal antisense oligonucleotide on vision in Leber congenital amaurosis due to a photoreceptor cilium defect. <i>Nature Medicine</i> , 2019 , 25, 225-228	50.5	128
69	Evaluation of artifacts associated with macular spectral-domain optical coherence tomography. <i>Ophthalmology</i> , 2010 , 117, 1177-1189.e4	7.3	86
68	Comparison of spectral- and time-domain optical coherence tomography for retinal thickness measurements in healthy and diseased eyes. <i>American Journal of Ophthalmology</i> , 2009 , 147, 847-58, 858.e1	4.9	76
67	Expression and modulation of RPE cell membrane complement regulatory proteins 2009 , 50, 3473-81		64
66	Pro-permeability Factors in Diabetic Macular Edema; the Diabetic Macular Edema Treated With Ozurdex Trial. <i>American Journal of Ophthalmology</i> , 2016 , 168, 13-23	4.9	50
65	Macular Vascular Abnormalities Identified by Optical Coherence Tomographic Angiography in Patients With Sickle Cell Disease. <i>JAMA Ophthalmology</i> , 2015 , 133, 1337-40	3.9	48
64	Changes in Retinal Nonperfusion Associated with Suppression of Vascular Endothelial Growth Factor in Retinal Vein Occlusion. <i>Ophthalmology</i> , 2016 , 123, 625-34.e1	7.3	46
63	CORRELATION OF MULTIMODAL IMAGING IN SICKLE CELL RETINOPATHY. <i>Retina</i> , 2016 , 36 Suppl 1, S1113-S1117	4.5	45
62	Evaluation of Macular Vascular Abnormalities Identified by Optical Coherence Tomography Angiography in Sickle Cell Disease. <i>American Journal of Ophthalmology</i> , 2017 , 177, 90-99	4.9	41
61	Approach for a Clinically Useful Comprehensive Classification of Vascular and Neural Aspects of Diabetic Retinal Disease 2018 , 59, 519-527		41
60	Choroidal Features of Acute Macular Neuroretinopathy via Optical Coherence Tomography Angiography and Correlation With Serial Multimodal Imaging. <i>JAMA Ophthalmology</i> , 2017 , 135, 1177-1183	3.9	32
59	Two-photon polymerized poly(caprolactone) retinal cell delivery scaffolds and their systemic and retinal biocompatibility. <i>Acta Biomaterialia</i> , 2019 , 94, 204-218	10.8	32
58	Pro-Permeability Factors After Dexamethasone Implant in Retinal Vein Occlusion; the Ozurdex for Retinal Vein Occlusion (ORVO) Study. <i>American Journal of Ophthalmology</i> , 2015 , 160, 313-321.e19	4.9	28
57	Assessment of Adeno-Associated Virus Serotype Tropism in Human Retinal Explants. <i>Human Gene Therapy</i> , 2018 , 29, 424-436	4.8	26
56	Extended Follow-up of Treated and Untreated Retinopathy in Incontinentia Pigmenti: Analysis of Peripheral Vascular Changes and Incidence of Retinal Detachment. <i>JAMA Ophthalmology</i> , 2015 , 133, 542-8	3.9	22
55	Retinal Thickness and Microvascular Changes in Children With Sickle Cell Disease Evaluated by Optical Coherence Tomography (OCT) and OCT Angiography. <i>American Journal of Ophthalmology</i> , 2020 , 209, 88-98	4.9	21
54	Expression of the angiogenic mediator, angiopoietin-like 4, in the eyes of patients with proliferative sickle retinopathy. <i>PLoS ONE</i> , 2017 , 12, e0183320	3.7	19

53	UTILITY OF ULTRA-WIDEFIELD RETINAL IMAGING FOR THE STAGING AND MANAGEMENT OF SICKLE CELL RETINOPATHY. <i>Retina</i> , 2019 , 39, 836-843	3.6	18
52	CRB1-Related Maculopathy With Cystoid Macular Edema. <i>JAMA Ophthalmology</i> , 2015 , 133, 1357-60	3.9	17
51	Multimodal Retinal Imaging in Incontinentia Pigmenti Including Optical Coherence Tomography Angiography: Findings From an Older Cohort With Mild Phenotype. <i>JAMA Ophthalmology</i> , 2018 , 136, 467-472	3.9	16
50	The role of Bcl-xL in mouse RPE cell survival 2011 , 52, 6545-51		14
49	Color Fundus Photography, Optical Coherence Tomography, and Fluorescein Angiography in Diagnosing Polypoidal Choroidal Vasculopathy. <i>American Journal of Ophthalmology</i> , 2018 , 192, 77-83	4.9	14
48	VARIABLE EXPRESSION OF RETINOPATHY IN A PEDIGREE OF PATIENTS WITH INCONTINENTIA PIGMENTI. <i>Retina</i> , 2015 , 35, 2627-32	3.6	13
47	Wide-Field Swept-Source OCT and Angiography in X-Linked Retinoschisis. <i>Ophthalmology Retina</i> , 2019 , 3, 178-185	3.8	11
46	Correlation of Ultra-Widefield Fluorescein Angiography and OCT Angiography in Sickle Cell Retinopathy. <i>Ophthalmology Retina</i> , 2018 , 2, 599-605	3.8	11
45	Intraoperative anaphylaxis to bacitracin during scleral buckle surgery. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 119, 559-560	3.2	10
44	Stepwise differentiation and functional characterization of human induced pluripotent stem cell-derived choroidal endothelial cells. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 409	8.3	9
43	Correlation of Optical Coherence Tomography and Retinal Histology in Normal and Pro23His Retinal Degeneration Pig. <i>Translational Vision Science and Technology</i> , 2018 , 7, 18	3.3	9
42	Swept-Source OCT of a Macular Coloboma in NMNAT1-Leber Congenital Amaurosis. <i>Ophthalmology Retina</i> , 2018 , 2, 1040	3.8	9
41	Helper-Dependent Adenovirus Transduces the Human and Rat Retina but Elicits an Inflammatory Reaction When Delivered Subretinally in Rats. <i>Human Gene Therapy</i> , 2019 , 30, 1371-1384	4.8	8
40	Sterile endophthalmitis after intravitreal ocriplasmin injection: report of a single case. <i>Retinal Cases and Brief Reports</i> , 2015 , 9, 242-4	1.1	8
39	Foveal avascular zone morphology and parafoveal capillary perfusion in sickle cell retinopathy. <i>British Journal of Ophthalmology</i> , 2020 , 104, 473-479	5.5	8
38	Development of a Molecularly Stable Gene Therapy Vector for the Treatment of -Associated X-Linked Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2019 , 30, 967-974	4.8	7
37	Progressive Retinal Thinning in Sickle Cell Retinopathy. <i>Ophthalmology Retina</i> , 2018 , 2, 1241-1248.e2	3.8	6
36	Delayed Onset of Intraretinal Cystoid Abnormalities in Lightning Retinopathy. <i>JAMA Ophthalmology</i> , 2016 , 134, 840-2	3.9	5

35	Diabetic Retinal Neurodegeneration-Should We Redefine Retinopathy From Diabetes?. <i>JAMA Ophthalmology</i> , 2019 , 137, 1132-1133	3.9	5
34	Analysis of retinal sublayer thicknesses and rates of change in ABCA4-associated Stargardt disease. <i>Scientific Reports</i> , 2020 , 10, 16576	4.9	5
33	Retinal Tropism and Transduction of Adeno-Associated Virus Varies by Serotype and Route of Delivery (Intravitreal, Subretinal, or Suprachoroidal) in Rats. <i>Human Gene Therapy</i> , 2020 , 31, 1288-1299	4.8	5
32	Intravitreal antisense oligonucleotide sepfarsen in Leber congenital amaurosis type 10: a phase 1b/2 trial.. <i>Nature Medicine</i> , 2022 ,	50.5	5
31	Renaming of Acute Posterior Multifocal Placoid Pigment Epitheliopathy (APMPPE) to Acute Multifocal Placoid Choroidopathy (AMP-C). <i>JAMA Ophthalmology</i> , 2017 , 135, 185	3.9	4
30	Cell-Matrix Interactions in the Eye: From Cornea to Choroid. <i>Cells</i> , 2021 , 10,	7.9	4
29	Acute Posterior Multifocal Placoid Pigment Epitheliopathy Associated With Drug Reaction With Eosinophilia and Systemic Symptoms Syndrome. <i>JAMA Ophthalmology</i> , 2017 , 135, 169-171	3.9	3
28	Predominance of hyperopia in autosomal dominant Best vitelliform macular dystrophy. <i>British Journal of Ophthalmology</i> , 2020 ,	5.5	3
27	Autoimmune retinopathy and optic neuropathy associated with enolase-positive renal oncocytoma. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 12, 55-60	1.3	3
26	Interocular asymmetry of foveal avascular zone morphology and parafoveal capillary density in sickle cell retinopathy. <i>PLoS ONE</i> , 2020 , 15, e0234151	3.7	2
25	Bilateral, multiple, episodic retinal vein occlusions associated with common variable immunodeficiency. <i>JAMA Ophthalmology</i> , 2015 , 133, 1216-8	3.9	2
24	Impact of surgeon subspecialty training on surgical outcomes in open globe injuries. <i>Clinical Ophthalmology</i> , 2015 , 9, 1807-13	2.5	2
23	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. <i>Ophthalmology Science</i> , 2021 , 1, 100002		2
22	Mitochondrial DNA A3243G variant-associated retinopathy: a meta-analysis of the clinical course of visual acuity and correlation with systemic manifestations. <i>Ophthalmic Genetics</i> , 2021 , 42, 420-430	1.2	2
21	Long-Term Outcomes and Risk Factors for Severe Vision Loss in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy (ADNIV). <i>American Journal of Ophthalmology</i> , 2021 , 233, 144-152	4.9	2
20	Scleral pits represent degeneration around the posterior ciliary arteries and are signs of disease severity in choroideremia. <i>Eye</i> , 2020 , 34, 746-754	4.4	2
19	Stargardt disease masquerades. <i>Current Opinion in Ophthalmology</i> , 2021 , 32, 214-224	5.1	2
18	Toward a New Staging System for Diabetic Retinopathy Using Wide Field Swept-Source Optical Coherence Tomography Angiography. <i>Current Diabetes Reports</i> , 2021 , 21, 28	5.6	2

17	Reply. <i>American Journal of Ophthalmology</i> , 2016 , 170, 245-246	4.9	1
16	Cough-Induced Valsalva Retinopathy. <i>Ophthalmology Retina</i> , 2017 , 1, 427	3.8	1
15	Subliminal Message Outer Retinal Tubulations Resembling Mitochondria in Maternally Inherited Diabetes and Deafness. <i>Ophthalmology Retina</i> , 2020 , 4, 1102	3.8	1
14	Artificial intelligence for improving sickle cell retinopathy diagnosis and management. <i>Eye</i> , 2021 , 35, 2675-2684	4.4	1
13	The effect of retinal scaffold modulus on performance during surgical handling. <i>Experimental Eye Research</i> , 2021 , 207, 108566	3.7	1
12	Terson Syndrome from Subarachnoid Hemorrhage in Aplastic Anemia. <i>Ophthalmology</i> , 2016 , 123, 1035	7.3	1
11	Swept-Source OCT of a Scleral Tunnel in Choroideremia. <i>Ophthalmology</i> , 2018 , 125, 806	7.3	1
10	Correlation of features on OCT with visual acuity and Gass lesion type in Best vitelliform macular dystrophy.. <i>BMJ Open Ophthalmology</i> , 2021 , 6, e000860	3.2	1
9	Intrafamilial Variability of Ocular Manifestations of von Hippel-Lindau Disease. <i>Ophthalmology Retina</i> , 2021 , 6, 89-89	3.8	0
8	Automated segmentation of choroidal layers from 3-dimensional macular optical coherence tomography scans. <i>Journal of Neuroscience Methods</i> , 2021 , 360, 109267	3	0
7	Chimeric Helper-Dependent Adenoviruses Transduce Retinal Ganglion Cells and Müller Cells in Human Retinal Explants. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021 , 37, 575-579	2.6	0
6	Post-operative intracranial gas migration with optic nerve infiltration and atrophy following retinal detachment repair. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 20, 100920	1.3	
5	Reply. <i>American Journal of Ophthalmology</i> , 2016 , 161, 216-7	4.9	
4	Multilaminated Vitreomacular Traction in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy. <i>Ophthalmology Retina</i> , 2019 , 3, 588	3.8	
3	Human Retinal Engineering using 3D PCL Scaffolds. <i>FASEB Journal</i> , 2018 , 32, 816.12	0.9	
2	RETAINED, NONDISSOLVING, TUBULAR FOREIGN BODIES IN THE VITREOUS CAVITY AFTER INTRAVITREAL DEXAMETHASONE (OZURDEX) IMPLANTATION. <i>Retina</i> , 2020 , 40, 2221-2225	3.6	
1	What Is So Complicated About Defining Surgical Complications?. <i>JAMA Ophthalmology</i> , 2021 , 139, 864-865		