

# Ian C Han

## List of Publications by Year in descending order

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74  
papers

1,613  
citations

304368

22  
h-index

344852

36  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1895  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	15.2	177
2	Evaluation of Artifacts Associated with Macular Spectral-Domain Optical Coherence Tomography. <i>Ophthalmology</i> , 2010, 117, 1177-1189.e4.	2.5	100
3	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, 847-858.e1.	1.7	87
4	Expression and Modulation of RPE Cell Membrane Complement Regulatory Proteins. , 2009, 50, 3473.		71
5	Changes in Retinal Nonperfusion Associated with Suppression of Vascular Endothelial Growth Factor in Retinal Vein Occlusion. <i>Ophthalmology</i> , 2016, 123, 625-634.e1.	2.5	64
6	Approach for a Clinically Useful Comprehensive Classification of Vascular and Neural Aspects of Diabetic Retinal Disease. , 2018, 59, 519.		62
7	Macular Vascular Abnormalities Identified by Optical Coherence Tomographic Angiography in Patients With Sickle Cell Disease. <i>JAMA Ophthalmology</i> , 2015, 133, 1337.	1.4	57
8	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.	1.7	56
9	Assessment of Adeno-Associated Virus Serotype Tropism in Human Retinal Explants. <i>Human Gene Therapy</i> , 2018, 29, 424-436.	1.4	53
10	CORRELATION OF MULTIMODAL IMAGING IN SICKLE CELL RETINOPATHY. <i>Retina</i> , 2016, 36, S111-S117.	1.0	51
11	Two-photon polymerized poly(caprolactone) retinal cell delivery scaffolds and their systemic and retinal biocompatibility. <i>Acta Biomaterialia</i> , 2019, 94, 204-218.	4.1	51
12	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.	1.7	50
13	Intravitreal antisense oligonucleotide seprofarsen in Leber congenital amaurosis type 10: a phase 1b/2 trial. <i>Nature Medicine</i> , 2022, 28, 1014-1021.	15.2	46
14	Choroidal Features of Acute Macular Neuroretinopathy via Optical Coherence Tomography Angiography and Correlation With Serial Multimodal Imaging. <i>JAMA Ophthalmology</i> , 2017, 135, 1177.	1.4	45
15	Cell-Cell Matrix Interactions in the Eye: From Cornea to Choroid. <i>Cells</i> , 2021, 10, 687.	1.8	39
16	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.	1.7	35
17	Extended Follow-up of Treated and Untreated Retinopathy in Incontinentia Pigmenti. <i>JAMA Ophthalmology</i> , 2015, 133, 542.	1.4	32
18	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.	1.7	31

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19	Wide-Field Swept-Source OCT and Angiography in X-Linked Retinoschisis. <i>Ophthalmology Retina</i> , 2019, 3, 178-185.	1.2	30
20	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.	1.4	28
21	Color Fundus Photography, Optical Coherence Tomography, and Fluorescein Angiography in Diagnosing Polypoidal Choroidal Vasculopathy. <i>American Journal of Ophthalmology</i> , 2018, 192, 77-83.	1.7	26
22	Choroidal endothelial and macrophage gene expression in atrophic and neovascular macular degeneration. <i>Human Molecular Genetics</i> , 2022, 31, 2406-2423.	1.4	26
23	UTILITY OF ULTRA-WIDEFIELD RETINAL IMAGING FOR THE STAGING AND MANAGEMENT OF SICKLE CELL RETINOPATHY. <i>Retina</i> , 2019, 39, 836-843.	1.0	25
24	Expression of the angiogenic mediator, angiopoietin-like 4, in the eyes of patients with proliferative sickle retinopathy. <i>PLoS ONE</i> , 2017, 12, e0183320.	1.1	24
25	VARIABLE EXPRESSION OF RETINOPATHY IN A PEDIGREE OF PATIENTS WITH INCONTINENTIA PIGMENTI. <i>Retina</i> , 2015, 35, 2627-2632.	1.0	23
26	<i>CRB1</i>-Related Maculopathy With Cystoid Macular Edema. <i>JAMA Ophthalmology</i> , 2015, 133, 1357.	1.4	23
27	Multimodal Retinal Imaging in Incontinentia Pigmenti Including Optical Coherence Tomography Angiography. <i>JAMA Ophthalmology</i> , 2018, 136, 467.	1.4	19
28	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.	1.4	19
29	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.	2.4	19
30	Correlation of Ultra-Widefield Fluorescein Angiography and OCT Angiography in Sickle Cell Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 599-605.	1.2	16
31	Development of a Molecularly Stable Gene Therapy Vector for the Treatment of <i>RPGR</i>-Associated X-Linked Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2019, 30, 967-974.	1.4	16
32	Foveal avascular zone morphology and parafoveal capillary perfusion in sickle cell retinopathy. <i>British Journal of Ophthalmology</i> , 2020, 104, 473-479.	2.1	15
33	The Role of Bcl-xLin Mouse RPE Cell Survival. , 2011, 52, 6545.		14
34	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.	1.1	13
35	Analysis of retinal sublayer thicknesses and rates of change in ABCA4-associated Stargardt disease. <i>Scientific Reports</i> , 2020, 10, 16576.	1.6	12
36	Intraoperative anaphylaxis to bacitracin during scleral buckle surgery. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 559-560.	0.5	10

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37	STERILE ENDOPHTHALMITIS AFTER INTRAVITREAL OCRIPLASMIN INJECTION. <i>Retinal Cases and Brief Reports</i> , 2015, 9, 242-244.	0.3	9
38	Swept-Source OCT of a Macular Coloboma in NMNAT1-Leber Congenital Amaurosis. <i>Ophthalmology Retina</i> , 2018, 2, 1040.	1.2	9
39	Progressive Retinal Thinning in Sickle Cell Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 1241-1248.e2.	1.2	9
40	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.	1.7	9
41	Biocompatibility of Human Induced Pluripotent Stem Cell-Derived Retinal Progenitor Cell Grafts in Immunocompromised Rats. <i>Cell Transplantation</i> , 2022, 31, 096368972211044.	1.2	9
42	Diabetic Retinal Neurodegeneration—Should We Redefine Retinopathy From Diabetes?. <i>JAMA Ophthalmology</i> , 2019, 137, 1132.	1.4	8
43	Autoimmune retinopathy and optic neuropathy associated with enolase-positive renal oncocytoma. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 12, 55-60.	0.4	7
44	Predominance of hyperopia in autosomal dominant Best vitelliform macular dystrophy. <i>British Journal of Ophthalmology</i> , 2022, 106, 522-527.	2.1	6
45	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. <i>Ophthalmology Science</i> , 2021, 1, 100002.	1.0	6
46	Delayed Onset of Intraretinal Cystoid Abnormalities in Lightning Retinopathy. <i>JAMA Ophthalmology</i> , 2016, 134, 840.	1.4	5
47	Acute Posterior Multifocal Placoid Pigment Epitheliopathy Associated With Drug Reaction With Eosinophilia and Systemic Symptoms Syndrome. <i>JAMA Ophthalmology</i> , 2017, 135, 169.	1.4	5
48	Stargardt disease masquerades. <i>Current Opinion in Ophthalmology</i> , 2021, 32, 214-224.	1.3	5
49	The effect of retinal scaffold modulus on performance during surgical handling. <i>Experimental Eye Research</i> , 2021, 207, 108566.	1.2	5
50	Automated segmentation of choroidal layers from 3-dimensional macular optical coherence tomography scans. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109267.	1.3	5
51	Development and biological characterization of a clinical gene transfer vector for the treatment of MAK-associated retinitis pigmentosa. <i>Gene Therapy</i> , 2021, , .	2.3	5
52	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.	0.6	5
53	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.	0.8	5
54	Renaming of Acute Posterior Multifocal Placoid Pigment Epitheliopathy (APMPPE) to Acute Multifocal Placoid Choroidopathy (AMP-C). <i>JAMA Ophthalmology</i> , 2017, 135, 185.	1.4	4

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55	Scleral pits represent degeneration around the posterior ciliary arteries and are signs of disease severity in choroideremia. <i>Eye</i> , 2020, 34, 746-754.	1.1	4
56	Subliminal Message: Outer Retinal Tubulations Resembling Mitochondria in Maternally Inherited Diabetes and Deafness. <i>Ophthalmology Retina</i> , 2020, 4, 1102.	1.2	4
57	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.	0.5	4
58	Long-Term Outcomes and Risk Factors for Severe Vision Loss in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy (ADNIV). <i>American Journal of Ophthalmology</i> , 2022, 233, 144-152.	1.7	4
59	Impact of surgeon subspecialty training on surgical outcomes in open globe injuries. <i>Clinical Ophthalmology</i> , 2015, 9, 1807.	0.9	3
60	Artificial intelligence for improving sickle cell retinopathy diagnosis and management. <i>Eye</i> , 2021, 35, 2675-2684.	1.1	3
61	Bilateral, Multiple, Episodic Retinal Vein Occlusions Associated With Common Variable Immunodeficiency. <i>JAMA Ophthalmology</i> , 2015, 133, 1216.	1.4	2
62	Interocular asymmetry of foveal avascular zone morphology and parafoveal capillary density in sickle cell retinopathy. <i>PLoS ONE</i> , 2020, 15, e0234151.	1.1	2
63	Terson Syndrome from Subarachnoid Hemorrhage in Aplastic Anemia. <i>Ophthalmology</i> , 2016, 123, 1035.	2.5	1
64	Reply. <i>American Journal of Ophthalmology</i> , 2016, 170, 245-246.	1.7	1
65	Cough-Induced Valsalva Retinopathy. <i>Ophthalmology Retina</i> , 2017, 1, 427.	1.2	1
66	Swept-Source OCT of a Scleral Tunnel in Choroideremia. <i>Ophthalmology</i> , 2018, 125, 806.	2.5	1
67	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.	0.4	1
68	Intrafamilial Variability of Ocular Manifestations of von Hippel-Lindau Disease. <i>Ophthalmology Retina</i> , 2021, 6, 89-89.	1.2	1
69	Reply. <i>American Journal of Ophthalmology</i> , 2016, 161, 216-217.	1.7	0
70	Multilaminated Vitreomacular Traction in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy. <i>Ophthalmology Retina</i> , 2019, 3, 588.	1.2	0
71	RETAINED, NONDISSOLVING, TUBULAR FOREIGN BODIES IN THE VITREOUS CAVITY AFTER INTRAVITREAL DEXAMETHASONE (OZURDEX) IMPLANTATION. <i>Retina</i> , 2020, 40, 2221-2225.	1.0	0
72	Seafans to Sunbursts: From History to the Horizon in Sickle Cell Retinopathy. <i>Retina</i> , 2021, 41, 1361-1363.	1.0	0

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73	What Is So Complicated About Defining Surgical Complications?. JAMA Ophthalmology, 2021, 139, 864.	1.4	0
74	Human Retinal Engineering using 3D PCL Scaffolds. FASEB Journal, 2018, 32, 816.12.	0.2	0