

Ian C Han

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,613
citations

304743

22
h-index

345221

36
g-index

74
all docs

74
docs citations

74
times ranked

1895
citing authors

#	ARTICLE	IF	CITATIONS
1	Predominance of hyperopia in autosomal dominant Best vitelliform macular dystrophy. British Journal of Ophthalmology, 2022, 106, 522-527.	3.9	6
2	Long-Term Outcomes and Risk Factors for Severe Vision Loss in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy (ADNIV). American Journal of Ophthalmology, 2022, 233, 144-152.	3.3	4
3	Choroidal endothelial and macrophage gene expression in atrophic and neovascular macular degeneration. Human Molecular Genetics, 2022, 31, 2406-2423.	2.9	26
4	Intravitreal antisense oligonucleotide sepfarsen in Leber congenital amaurosis type 10: a phase 1b/2 trial. Nature Medicine, 2022, 28, 1014-1021.	30.7	46
5	Biocompatibility of Human Induced Pluripotent Stem Cell-Derived Retinal Progenitor Cell Grafts in Immunocompromised Rats. Cell Transplantation, 2022, 31, 096368972211044.	2.5	9
6	Stargardt disease masquerades. Current Opinion in Ophthalmology, 2021, 32, 214-224.	2.9	5
7	Cell-Matrix Interactions in the Eye: From Cornea to Choroid. Cells, 2021, 10, 687.	4.1	39
8	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. Ophthalmology Science, 2021, 1, 100002.	2.5	6
9	Mitochondrial DNA A3243G variant-associated retinopathy: a meta-analysis of the clinical course of visual acuity and correlation with systemic manifestations. Ophthalmic Genetics, 2021, 42, 420-430.	1.2	4
10	Artificial intelligence for improving sickle cell retinopathy diagnosis and management. Eye, 2021, 35, 2675-2684.	2.1	3
11	The effect of retinal scaffold modulus on performance during surgical handling. Experimental Eye Research, 2021, 207, 108566.	2.6	5
12	Seafans to Sunbursts: From History to the Horizon in Sickle Cell Retinopathy. Retina, 2021, 41, 1361-1363.	1.7	0
13	Toward a New Staging System for Diabetic Retinopathy Using Wide Field Swept-Source Optical Coherence Tomography Angiography. Current Diabetes Reports, 2021, 21, 28.	4.2	9
14	What Is So Complicated About Defining Surgical Complications?. JAMA Ophthalmology, 2021, 139, 864.	2.5	0
15	Intrafamilial Variability of Ocular Manifestations of von Hippel-Lindau Disease. Ophthalmology Retina, 2021, 6, 89-89.	2.4	1
16	Automated segmentation of choroidal layers from 3-dimensional macular optical coherence tomography scans. Journal of Neuroscience Methods, 2021, 360, 109267.	2.5	5
17	Development and biological characterization of a clinical gene transfer vector for the treatment of MAK-associated retinitis pigmentosa. Gene Therapy, 2021, , .	4.5	5
18	Chimeric Helper-Dependent Adenoviruses Transduce Retinal Ganglion Cells and Müller Cells in Human Retinal Explants. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 575-579.	1.4	5

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19	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.	1.6	5
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.	2.1	4
21	Foveal avascular zone morphology and parafoveal capillary perfusion in sickle cell retinopathy. <i>British Journal of Ophthalmology</i> , 2020, 104, 473-479.	3.9	15
22	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.	3.3	31
23	Subliminal Message: Outer Retinal Tubulations Resembling Mitochondria in Maternally Inherited Diabetes and Deafness. <i>Ophthalmology Retina</i> , 2020, 4, 1102.	2.4	4
24	RETAINED, NONDISSOLVING, TUBULAR FOREIGN BODIES IN THE VITREOUS CAVITY AFTER INTRAVITREAL DEXAMETHASONE (OZURDEX) IMPLANTATION. <i>Retina</i> , 2020, 40, 2221-2225.	1.7	0
25	Analysis of retinal sublayer thicknesses and rates of change in ABCA4-associated Stargardt disease. <i>Scientific Reports</i> , 2020, 10, 16576.	3.3	12
26	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.	5.5	19
27	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.	2.7	28
28	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.	0.7	1
29	Interocular asymmetry of foveal avascular zone morphology and parafoveal capillary density in sickle cell retinopathy. <i>PLoS ONE</i> , 2020, 15, e0234151.	2.5	2
30	Multilaminated Vitreomacular Traction in Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy. <i>Ophthalmology Retina</i> , 2019, 3, 588.	2.4	0
31	Diabetic Retinal Neurodegeneration—Should We Redefine Retinopathy From Diabetes?. <i>JAMA Ophthalmology</i> , 2019, 137, 1132.	2.5	8
32	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.	2.7	19
33	Wide-Field Swept-Source OCT and Angiography in X-Linked Retinoschisis. <i>Ophthalmology Retina</i> , 2019, 3, 178-185.	2.4	30
34	Development of a Molecularly Stable Gene Therapy Vector for the Treatment of RPE65-Associated X-Linked Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2019, 30, 967-974.	2.7	16
35	Two-photon polymerized poly(caprolactone) retinal cell delivery scaffolds and their systemic and retinal biocompatibility. <i>Acta Biomaterialia</i> , 2019, 94, 204-218.	8.3	51
36	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.	30.7	177

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37	UTILITY OF ULTRA-WIDEFIELD RETINAL IMAGING FOR THE STAGING AND MANAGEMENT OF SICKLE CELL RETINOPATHY. Retina, 2019, 39, 836-843.	1.7	25
38	Correlation of Ultra-Widefield Fluorescein Angiography and OCT Angiography in Sickle Cell Retinopathy. Ophthalmology Retina, 2018, 2, 599-605.	2.4	16
39	Multimodal Retinal Imaging in Incontinentia Pigmenti Including Optical Coherence Tomography Angiography. JAMA Ophthalmology, 2018, 136, 467.	2.5	19
40	Assessment of Adeno-Associated Virus Serotype Tropism in Human Retinal Explants. Human Gene Therapy, 2018, 29, 424-436.	2.7	53
41	Correlation of Optical Coherence Tomography and Retinal Histology in Normal and Pro23His Retinal Degeneration Pig. Translational Vision Science and Technology, 2018, 7, 18.	2.2	13
42	Swept-Source OCT of a Macular Coloboma in NMNAT1-Leber Congenital Amaurosis. Ophthalmology Retina, 2018, 2, 1040.	2.4	9
43	Autoimmune retinopathy and optic neuropathy associated with enolase-positive renal oncocytoma. American Journal of Ophthalmology Case Reports, 2018, 12, 55-60.	0.7	7
44	Swept-Source OCT of a Scleral Tunnel in Choroideremia. Ophthalmology, 2018, 125, 806.	5.2	1
45	Color Fundus Photography, Optical Coherence Tomography, and Fluorescein Angiography in Diagnosing Polypoidal Choroidal Vasculopathy. American Journal of Ophthalmology, 2018, 192, 77-83.	3.3	26
46	Approach for a Clinically Useful Comprehensive Classification of Vascular and Neural Aspects of Diabetic Retinal Disease. , 2018, 59, 519.		62
47	Progressive Retinal Thinning in Sickle Cell Retinopathy. Ophthalmology Retina, 2018, 2, 1241-1248.e2.	2.4	9
48	Human Retinal Engineering using 3D PCL Scaffolds. FASEB Journal, 2018, 32, 816.12.	0.5	0
49	Acute Posterior Multifocal Placoid Pigment Epitheliopathy Associated With Drug Reaction With Eosinophilia and Systemic Symptoms Syndrome. JAMA Ophthalmology, 2017, 135, 169.	2.5	5
50	Renaming of Acute Posterior Multifocal Placoid Pigment Epitheliopathy (APMPPE) to Acute Multifocal Placoid Choroidopathy (AMP-C). JAMA Ophthalmology, 2017, 135, 185.	2.5	4
51	Evaluation of Macular Vascular Abnormalities Identified by Optical Coherence Tomography Angiography in Sickle Cell Disease. American Journal of Ophthalmology, 2017, 177, 90-99.	3.3	50
52	Choroidal Features of Acute Macular Neuroretinopathy via Optical Coherence Tomography Angiography and Correlation With Serial Multimodal Imaging. JAMA Ophthalmology, 2017, 135, 1177.	2.5	45
53	Intraoperative anaphylaxis to bacitracin during scleral buckle surgery. Annals of Allergy, Asthma and Immunology, 2017, 119, 559-560.	1.0	10
54	Cough-Induced Valsalva Retinopathy. Ophthalmology Retina, 2017, 1, 427.	2.4	1

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55	Expression of the angiogenic mediator, angiopoietin-like 4, in the eyes of patients with proliferative sickle retinopathy. PLoS ONE, 2017, 12, e0183320.	2.5	24
56	Pro-permeability Factors in Diabetic Macular Edema; the Diabetic Macular Edema Treated With Ozurdex Trial. American Journal of Ophthalmology, 2016, 168, 13-23.	3.3	56
57	Terson Syndrome from Subarachnoid Hemorrhage in Aplastic Anemia. Ophthalmology, 2016, 123, 1035.	5.2	1
58	Reply. American Journal of Ophthalmology, 2016, 170, 245-246.	3.3	1
59	Delayed Onset of Intraretinal Cystoid Abnormalities in Lightning Retinopathy. JAMA Ophthalmology, 2016, 134, 840.	2.5	5
60	CORRELATION OF MULTIMODAL IMAGING IN SICKLE CELL RETINOPATHY. Retina, 2016, 36, S111-S117.	1.7	51
61	Changes in Retinal Nonperfusion Associated with Suppression of Vascular Endothelial Growth Factor in Retinal Vein Occlusion. Ophthalmology, 2016, 123, 625-634.e1.	5.2	64
62	Reply. American Journal of Ophthalmology, 2016, 161, 216-217.	3.3	0
63	Macular Vascular Abnormalities Identified by Optical Coherence Tomographic Angiography in Patients With Sickle Cell Disease. JAMA Ophthalmology, 2015, 133, 1337.	2.5	57
64	Bilateral, Multiple, Episodic Retinal Vein Occlusions Associated With Common Variable Immunodeficiency. JAMA Ophthalmology, 2015, 133, 1216.	2.5	2
65	VARIABLE EXPRESSION OF RETINOPATHY IN A PEDIGREE OF PATIENTS WITH INCONTINENTIA PIGMENTI. Retina, 2015, 35, 2627-2632.	1.7	23
66	STERILE ENDOPHTHALMITIS AFTER INTRAVITREAL OCRIPLASMIN INJECTION. Retinal Cases and Brief Reports, 2015, 9, 242-244.	0.6	9
67	Impact of surgeon subspecialty training on surgical outcomes in open globe injuries. Clinical Ophthalmology, 2015, 9, 1807.	1.8	3
68	Extended Follow-up of Treated and Untreated Retinopathy in Incontinentia Pigmenti. JAMA Ophthalmology, 2015, 133, 542.	2.5	32
69	<i>CRB1</i>-Related Maculopathy With Cystoid Macular Edema. JAMA Ophthalmology, 2015, 133, 1357.	2.5	23
70	Pro-Permeability Factors After Dexamethasone Implant in Retinal Vein Occlusion; the Ozurdex for Retinal Vein Occlusion (ORVO) Study. American Journal of Ophthalmology, 2015, 160, 313-321.e19.	3.3	35
71	The Role of Bcl-xLin Mouse RPE Cell Survival. , 2011, 52, 6545.		14
72	Evaluation of Artifacts Associated with Macular Spectral-Domain Optical Coherence Tomography. Ophthalmology, 2010, 117, 1177-1189.e4.	5.2	100

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73	Expression and Modulation of RPE Cell Membrane Complement Regulatory Proteins. , 2009, 50, 3473.		71
74	Comparison of Spectral- and Time-Domain Optical Coherence Tomography for Retinal Thickness Measurements in Healthy and Diseased Eyes. American Journal of Ophthalmology, 2009, 147, 847-858.e1.	3.3	87