

# Glenn Yiu

## 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.

91  
papers

3,456  
citations

22  
h-index

58  
g-index

106  
ext. papers

3,972  
ext. citations

5.5  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
91	Glial inhibition of CNS axon regeneration. <i>Nature Reviews Neuroscience</i> , <b>2006</b> , 7, 617-27	13.5	1140
90	A TNF receptor family member, TROY, is a coreceptor with Nogo receptor in mediating the inhibitory activity of myelin inhibitors. <i>Neuron</i> , <b>2005</b> , 45, 345-51	13.9	340
89	EGFR activation mediates inhibition of axon regeneration by myelin and chondroitin sulfate proteoglycans. <i>Science</i> , <b>2005</b> , 310, 106-10	33.3	293
88	A third member of the synapsin gene family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 4667-72	11.5	190
87	A custom-made two-photon microscope and deconvolution system. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2000</b> , 441, 398-408	4.6	143
86	Protecting axonal degeneration by increasing nicotinamide adenine dinucleotide levels in experimental autoimmune encephalomyelitis models. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 9794-804	6.6	119
85	Retrograde BMP signaling regulates trigeminal sensory neuron identities and the formation of precise face maps. <i>Neuron</i> , <b>2007</b> , 55, 572-86	13.9	89
84	Signaling mechanisms of the myelin inhibitors of axon regeneration. <i>Current Opinion in Neurobiology</i> , <b>2003</b> , 13, 545-51	7.6	84
83	Characterization of the choroid-scleral junction and suprachoroidal layer in healthy individuals on enhanced-depth imaging optical coherence tomography. <i>JAMA Ophthalmology</i> , <b>2014</b> , 132, 174-81	3.9	79
82	Effect of anti-vascular endothelial growth factor therapy on choroidal thickness in diabetic macular edema. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 158, 745-751.e2	4.9	76
81	Relationship of central choroidal thickness with age-related macular degeneration status. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 159, 617-26	4.9	60
80	Optical Coherence Tomography Predictors of Risk for Progression to Non-Neovascular Atrophic Age-Related Macular Degeneration. <i>Ophthalmology</i> , <b>2017</b> , 124, 1764-1777	7.3	57
79	Suprachoroidal and Subretinal Injections of AAV Using Transscleral Microneedles for Retinal Gene Delivery in Nonhuman Primates. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 16, 179-191	6.4	50
78	A nonhuman primate model of inherited retinal disease. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 863-874	8.4	46
77	The suprachoroidal space: from potential space to a space with potential. <i>Clinical Ophthalmology</i> , <b>2016</b> , 10, 173-8	2.5	39
76	Repeatability of Choroidal Thickness Measurements on Enhanced Depth Imaging Optical Coherence Tomography Using Different Posterior Boundaries. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 169, 104-112	4.9	35
75	Choroidal Changes After Suprachoroidal Injection of Triamcinolone Acetonide in Eyes With Macular Edema Secondary to Retinal Vein Occlusion. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 186, 144-151	4.9	35

74	A Review of Innovations in Rhegmatogenous Retinal Detachment Surgical Techniques. <i>Journal of Ophthalmology</i> , <b>2017</b> , 2017, 4310643	2	32
73	Subthreshold micropulse laser reduces anti-VEGF injection burden in patients with diabetic macular edema. <i>European Journal of Ophthalmology</i> , <b>2018</b> , 28, 68-73	1.9	31
72	Effect of Uveal Melanocytes on Choroidal Morphology in Rhesus Macaques and Humans on Enhanced-Depth Imaging Optical Coherence Tomography <b>2016</b> , 57, 5764-5771		28
71	Genomic Disruption of VEGF-A Expression in Human Retinal Pigment Epithelial Cells Using CRISPR-Cas9 Endonuclease <b>2016</b> , 57, 5490-5497		26
70	Comparison of chorioretinal layers in rhesus macaques using spectral-domain optical coherence tomography and high-resolution histological sections. <i>Experimental Eye Research</i> , <b>2018</b> , 168, 69-76	3.7	24
69	In Vivo Multimodal Imaging of Drusenoid Lesions in Rhesus Macaques. <i>Scientific Reports</i> , <b>2017</b> , 7, 15013	4.9	22
68	Association Between the Cilioretinal Artery and Choroidal Neovascularization in Age-Related Macular Degeneration: A Secondary Analysis From the Age-Related Eye Disease Study. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 1008-1014	3.9	19
67	B-scan ultrasonography following open globe repair. <i>Eye</i> , <b>2014</b> , 28, 381-5	4.4	19
66	Ocular safety of recreational lasers. <i>JAMA Ophthalmology</i> , <b>2014</b> , 132, 245-6	3.9	19
65	Surgical outcomes after epiretinal membrane peeling combined with cataract surgery. <i>British Journal of Ophthalmology</i> , <b>2013</b> , 97, 1197-201	5.5	19
64	Current and investigational pharmacotherapeutic approaches for modulating retinal angiogenesis. <i>Expert Review of Clinical Pharmacology</i> , <b>2014</b> , 7, 375-91	3.8	18
63	Spectral-Domain OCT Predictors of Visual Outcomes after Ranibizumab Treatment for Macular Edema Resulting from Retinal Vein Occlusion. <i>Ophthalmology Retina</i> , <b>2020</b> , 4, 67-76	3.8	17
62	Factors Impacting Efficacy of AAV-Mediated CRISPR-Based Genome Editing for Treatment of Choroidal Neovascularization. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 17, 409-417	6.4	16
61	Reelin is expressed in the accessory olfactory system, but is not a guidance cue for vomeronasal axons. <i>Developmental Brain Research</i> , <b>2003</b> , 140, 303-7		15
60	Medical and Surgical Applications for the Suprachoroidal Space. <i>International Ophthalmology Clinics</i> , <b>2019</b> , 59, 195-207	1.7	14
59	Long-term Evolution and Remodeling of Soft Drusen in Rhesus Macaques <b>2020</b> , 61, 32		13
58	Emerging Concepts in the Treatment of Diabetic Retinopathy. <i>Current Diabetes Reports</i> , <b>2019</b> , 19, 137	5.6	13
57	Macular Fluid Reduces Reproducibility of Choroidal Thickness Measurements on Enhanced Depth Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 184, 108-114	4.9	12

56	Vascular Response to Sildenafil Citrate in Aging and Age-Related Macular Degeneration. <i>Scientific Reports</i> , <b>2019</b> , 9, 5049	4.9	12
55	Host Immune Responses after Suprachoroidal Delivery of AAV8 in Nonhuman Primate Eyes. <i>Human Gene Therapy</i> , <b>2021</b> , 32, 682-693	4.8	12
54	Safety and Biocompatibility of Aflibercept-Loaded Microsphere Thermo-Responsive Hydrogel Drug Delivery System in a Nonhuman Primate Model. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 30	3.3	11
53	Spontaneous peripheral migration of subfoveal perfluorocarbon. <i>Retina</i> , <b>2014</b> , 34, 2315-6	3.6	10
52	Subretinal hemorrhage. <i>Developments in Ophthalmology</i> , <b>2014</b> , 54, 213-22		10
51	Effect of Syringe Design on the Accuracy and Precision of Intravitreal Injections of Anti-VEGF Agents. <i>Current Eye Research</i> , <b>2017</b> , 42, 1059-1063	2.9	9
50	The impact of conversion to International Classification of Diseases, 10th revision (ICD-10) on an academic ophthalmology practice. <i>Clinical Ophthalmology</i> , <b>2018</b> , 12, 949-956	2.5	9
49	Effects of aging and environmental tobacco smoke exposure on ocular and plasma circulatory microRNAs in the Rhesus macaque. <i>Molecular Vision</i> , <b>2018</b> , 24, 633-646	2.3	9
48	Retinal Vessel Density in Exudative and Nonexudative Age-Related Macular Degeneration on Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 212, 7-16	4.9	9
47	Visible Light Optical Coherence Tomography (OCT) Quantifies Subcellular Contributions to Outer Retinal Band 4. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 30	3.3	8
46	Posterior Segment Complications and Impact on Long-Term Visual Outcomes in Eyes With a Type 1 Boston Keratoprosthesis. <i>Cornea</i> , <b>2019</b> , 38, 1111-1116	3.1	8
45	Pneumatic Retinopexy Experience and Outcomes of Vitreoretinal Fellows in the United States: A Multicenter Study. <i>Ophthalmology Retina</i> , <b>2019</b> , 3, 140-145	3.8	8
44	Long-term natural history of idiopathic epiretinal membranes with good visual acuity. <i>Eye</i> , <b>2019</b> , 33, 714-723	4.4	7
43	Prophylaxis against postoperative endophthalmitis in cataract surgery. <i>International Ophthalmology Clinics</i> , <b>2011</b> , 51, 67-83	1.7	7
42	Retinal detachment in severe myopia. <i>Lancet, The</i> , <b>2017</b> , 389, 1133	4.0	6
41	Visible light OCT improves imaging through a highly scattering retinal pigment epithelial wall. <i>Optics Letters</i> , <b>2020</b> , 45, 5945-5948	3	6
40	Evolution of ocular defects in infant macaques following in utero Zika virus infection. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	5
39	Quantitative Fundus Autofluorescence in Rhesus Macaques in Aging and Age-Related Drusen <b>2020</b> , 61, 16		5

38	Identification of Patients with Pentosan Polysulfate Sodium-Associated Maculopathy through Screening of the Electronic Medical Record at an Academic Center. <i>Journal of Ophthalmology</i> , <b>2020</b> , 2020, 8866961	2	5
37	Advanced Retinal Imaging and Ocular Parameters of the Rhesus Macaque Eye. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 7	3.3	5
36	OUTCOMES OF PNEUMATIC RETINOPEXY PERFORMED BY VITREORETINAL FELLOWS. <i>Retina</i> , <b>2019</b> , 39, 186-192	3.6	5
35	Ocular Inflammation and Treatment Emergent Adverse Events in Retinal Gene Therapy. <i>International Ophthalmology Clinics</i> , <b>2021</b> , 61, 151-177	1.7	5
34	Role of Tractional Forces and Internal Limiting Membrane in Macular Hole Formation: Insights from Intraoperative Optical Coherence Tomography. <i>Case Reports in Ophthalmology</i> , <b>2016</b> , 7, 372-376	0.7	4
33	Refining the definition of the choroidal-scleral interface. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, e242-e243	3.7	3
32	Inverted Hypopyon. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, e185256	3.9	3
31	Choroidal metastasis from a neuroendocrine tumor masquerading as choroidal melanoma. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2014</b> , 45, 456-8	1.4	3
30	Real-world management and long-term outcomes of diabetic macular oedema with good visual acuity. <i>Eye</i> , <b>2020</b> , 34, 1108-1115	4.4	3
29	Self-Supervised Feature Learning and Phenotyping for Assessing Age-Related Macular Degeneration Using Retinal Fundus Images. <i>Ophthalmology Retina</i> , <b>2021</b> , 6, 116-116	3.8	3
28	Drusen in dense deposit disease: not just age-related macular degeneration. <i>Lancet, The</i> , <b>2020</b> , 395, 1726-1730	4.0	2
27	Choroidal osteomas. <i>JAMA Ophthalmology</i> , <b>2013</b> , 131, 124	3.9	2
26	Dorsal midbrain syndrome from a ring-enhancing lesion. <i>Seminars in Ophthalmology</i> , <b>2012</b> , 27, 65-8	2.4	2
25	Review of gene therapies for age-related macular degeneration.. <i>Eye</i> , <b>2022</b> ,	4.4	2
24	CRISPR Technology for Ocular Angiogenesis. <i>Frontiers in Genome Editing</i> , <b>2020</b> , 2, 594984	2.5	2
23	Targeting vascular endothelial growth factor using retinal gene therapy. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1277	3.2	2
22	Age-related changes in the rhesus macaque eye. <i>Experimental Eye Research</i> , <b>2021</b> , 212, 108754	3.7	2
21	CRISPR-based VEGF suppression using paired guide RNAs for treatment of choroidal neovascularization. <i>Molecular Therapy - Nucleic Acids</i> , <b>2022</b> , 28, 613-622	10.7	2

20	Statistical Issues on Evaluating Association Between the Cilioretinal Artery and Age-Related Macular Degeneration-Reply. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 856	3.9	1
19	Reply. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 189, 178	4.9	1
18	Branch Retinal Artery Ischemia. <i>Retina</i> , <b>2018</b> , 38, e61-e62	3.6	1
17	Cost Analysis of Teleophthalmology Screening for Diabetic Retinopathy Using Teleophthalmology Billing Codes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2020</b> , 51, S26-S34	1.4	1
16	Host immune responses after suprachoroidal delivery of AAV8 in nonhuman primate eyes		1
15	Research Funding, Income, and Career Satisfaction Among Clinician-Scientists in Ophthalmology in the United States. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 227, 254-264	4.9	1
14	NATURAL HISTORY AND PREDICTORS OF VISION LOSS IN EYES WITH DIABETIC MACULAR EDEMA AND GOOD INITIAL VISUAL ACUITY. <i>Retina</i> , <b>2021</b> , 41, 2132-2139	3.6	1
13	Clinical presentation, treatment, and genetic and histopathological analysis of juvenile cataracts and secondary glaucoma in a rhesus macaque ( <i>Macaca mulatta</i> ).. <i>Journal of Medical Primatology</i> , <b>2021</b> ,	0.7	1
12	Progressive outer retinal necrosis presenting as cherry red spot. <i>Ocular Immunology and Inflammation</i> , <b>2012</b> , 20, 384-6	2.8	0
11	Anti-Retinal Antibodies in Vitamin A Deficiency. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2020</b> , 51, 723-726	1.4	0
10	Man in His 90s With a History of Tachycardia and Abnormal Findings on Slitlamp Examination of the Cornea. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 102	16.2	0
9	Asymmetry in Pigmented Paravenous Retinochoroidal Atrophy. <i>JAMA Ophthalmology</i> , <b>2020</b> , 138, e19091-19091	1.1	0
8	Patterns and Predictors of Successful Treatment Discontinuation in Retinal Vein Occlusions With Macular Edema in the Real World. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2021</b> , 52, 84-92	1.4	0
7	Epigenetic Mechanisms of Retinal Disease <b>2013</b> , 642-651		
6	Authors' response: surgical outcomes after epiretinal membrane peeling combined with cataract surgery. <i>British Journal of Ophthalmology</i> , <b>2013</b> , 97, 1609	5.5	
5	Retinal Laser Injury <b>2020</b> , 210-212		
4	3-Dimensional Visualization of Arteriovenous Crossing in a Branch Retinal Vein Occlusion. <i>Ophthalmology</i> , <b>2021</b> , 128, 363	7.3	
3	MIRRORED-PRISM SPECTACLES FOR FACEDOWN POSTURING AFTER VITREORETINAL SURGERY WITH GAS TAMPONADE. <i>Retina</i> , <b>2016</b> , 36, 846-8	3.6	

2 Choriovitreous Neovascularization After Resolution of Infectious Chorioretinitis. *Retina*, **2019**, 39, e21-e23.6

1 Intraoperative Retinal Changes May Predict Surgical Outcomes After Epiretinal Membrane Peeling. *Translational Vision Science and Technology*, **2021**, 10, 36 33