Vinit B Mahajan

List of Publications by Citations

187 papers	4,905 citations	33 h-index	63 g-index
202 ext. papers	6,024 ext. citations	5.3 avg, IF	5.67 L-index

#	Paper	IF	Citations
187	Efficacy and safety of voretigene neparvovec (AAV2-hRPE65v2) in patients with RPE65-mediated inherited retinal dystrophy: a randomised, controlled, open-label, phase 3 trial. *Lancet, The*, **2017**, 390, 849-860	40	759
186	Genome-wide generation and systematic phenotyping of knockout mice reveals new roles for many genes. *Cell*, **2013**, 154, 452-64	56.2	350
185	Unexpected mutations after CRISPR-Cas9 editing in vivo. *Nature Methods*, **2017**, 14, 547-548	21.6	233
184	Aflibercept therapy for exudative age-related macular degeneration resistant to bevacizumab and ranibizumab. *American Journal of Ophthalmology*, **2013**, 156, 15-22.e1	4.9	198
183	Automated early detection of diabetic retinopathy. *Ophthalmology*, **2010**, 117, 1147-54	7.3	147
182	Precision Medicine: Genetic Repair of Retinitis Pigmentosa in Patient-Derived Stem Cells. *Scientific Reports*, **2016**, 6, 19969	4.9	112
181	Mutations in prickle orthologs cause seizures in flies, mice, and humans. *American Journal of Human Genetics*, **2011**, 88, 138-49	11	99
180	Viral Delivery Systems for CRISPR. *Viruses*, **2019**, 11,	6.2	92
179	Retinal and choroidal angiogenesis: a review of new targets. *International Journal of Retina and Vitreous*, **2017**, 3, 31	2.9	76
178	Gene therapy and genome surgery in the retina. *Journal of Clinical Investigation*, **2018**, 128, 2177-2188	15.9	76
177	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa. *Molecular Therapy*, **2016**, 24, 1388-94	11.7	74
176	Intravitreal bevacizumab during pregnancy. *Retina*, **2010**, 30, 1405-11	3.6	71
175	Opposing T cell responses in experimental autoimmune encephalomyelitis. *Nature*, **2019**, 572, 481-487	50.4	70
174	Disruption of mouse Cenpj, a regulator of centriole biogenesis, phenocopies Seckel syndrome. *PLoS Genetics*, **2012**, 8, e1003022	6	67
173	Proteomic insight into the molecular function of the vitreous. *PLoS ONE*, **2015**, 10, e0127567	3.7	58
172	Calpain-5 mutations cause autoimmune uveitis, retinal neovascularization, and photoreceptor degeneration. *PLoS Genetics*, **2012**, 8, e1003001	6	58
171	Combination therapy for neovascular age-related macular degeneration refractory to anti-vascular endothelial growth factor agents. *Ophthalmology*, **2013**, 120, 2029-34	7.3	53

170	Reprogramming metabolism by targeting sirtuin 6 attenuates retinal degeneration. *Journal of Clinical Investigation*, **2016**, 126, 4659-4673	15.9	52
169	Seizures are regulated by ubiquitin-specific peptidase 9 X-linked (USP9X), a de-ubiquitinase. *PLoS Genetics*, **2015**, 11, e1005022	6	49
168	Precision Medicine: Personalized Proteomics for the Diagnosis and Treatment of Idiopathic Inflammatory Disease. *JAMA Ophthalmology*, **2016**, 134, 444-8	3.9	44
167	Management of sympathetic ophthalmia with the fluocinolone acetonide implant. *Ophthalmology*, **2009**, 116, 552-557.e1	7.3	43
166	Proteomic interactions in the mouse vitreous-retina complex. *PLoS ONE*, **2013**, 8, e82140	3.7	43
165	Intravitreal bevacizumab for treatment of proliferative and nonproliferative type 2 idiopathic macular telangiectasia. *Retina*, **2011**, 31, 1848-55	3.6	41
164	Recessive coding and regulatory mutations in FBLIM1 underlie the pathogenesis of chronic recurrent multifocal osteomyelitis (CRMO). *PLoS ONE*, **2017**, 12, e0169687	3.7	40
163	Retrospective Analysis of Structural Disease Progression in Retinitis Pigmentosa Utilizing Multimodal Imaging. *Scientific Reports*, **2017**, 7, 10347	4.9	39
162	HTRA1, an age-related macular degeneration protease, processes extracellular matrix proteins EFEMP1 and TSP1. *Aging Cell*, **2018**, 17, e12710	9.9	38
161	Spinster homolog 2 (spns2) deficiency causes early onset progressive hearing loss. *PLoS Genetics*, **2014**, 10, e1004688	6	38
160	Intravitreal Anti-VEGF Injections in Pregnancy: Case Series and Review of Literature. *Journal of Ocular Pharmacology and Therapeutics*, **2015**, 31, 605-10	2.6	35
159	Bevacizumab Injection in Patients with Neovascular Age-Related Macular Degeneration Increases Angiogenic Biomarkers. *Ophthalmology Retina*, **2018**, 2, 31-37	3.8	34
158	Infrared imaging and optical coherence tomography reveal early-stage astrocytic hamartomas not detectable by fundoscopy. *American Journal of Ophthalmology*, **2012**, 153, 883-889.e2	4.9	34
157	Transgenic mice carrying the H258N mutation in the gene encoding the beta-subunit of phosphodiesterase-6 (PDE6B) provide a model for human congenital stationary night blindness. *Human Mutation*, **2007**, 28, 243-54	4.7	33
156	BESTROPHIN1 mutations cause defective chloride conductance in patient stem cell-derived RPE. *Human Molecular Genetics*, **2016**, 25, 2672-2680	5.6	33
155	Effects of vitrectomy on age-related macular degeneration. *Ophthalmology*, **2010**, 117, 1381-6	7.3	32
154	Uveitis following intravitreal bevacizumab: a non-infectious cluster. *Ophthalmic Surgery Lasers and Imaging Retina*, **2011**, 42, 292-6	1.4	32
153	Proteomic landscape of the human choroid-retinal pigment epithelial complex. *JAMA Ophthalmology*, **2014**, 132, 1271-81	3.9	31

152	CAPN5 mutation in hereditary uveitis: the R243L mutation increases calpain catalytic activity and triggers intraocular inflammation in a mouse model. *Human Molecular Genetics*, **2015**, 24, 4584-98	5.6	30
151	Mcph1-deficient mice reveal a role for MCPH1 in otitis media. *PLoS ONE*, **2013**, 8, e58156	3.7	30
150	Structural modeling of a novel CAPN5 mutation that causes uveitis and neovascular retinal detachment. *PLoS ONE*, **2015**, 10, e0122352	3.7	29
149	PRICKLE1 interaction with SYNAPSIN I reveals a role in autism spectrum disorders. *PLoS ONE*, **2013**, 8, e80737	3.7	29
148	Review of Ocular Manifestations of Joubert Syndrome. *Genes*, **2018**, 9,	4.2	29
147	Gene Therapy Restores Mfrp and Corrects Axial Eye Length. *Scientific Reports*, **2017**, 7, 16151	4.9	28
146	Translational vitreous proteomics. *Proteomics - Clinical Applications*, **2014**, 8, 204-8	3.1	28
145	Mutations in extracellular matrix genes NID1 and LAMC1 cause autosomal dominant Dandy-Walker malformation and occipital cephaloceles. *Human Mutation*, **2013**, 34, 1075-9	4.7	28
144	Evisceration of mouse vitreous and retina for proteomic analyses. *Journal of Visualized Experiments*, **2011**,	1.6	28
143	Functional validation of a human CAPN5 exome variant by lentiviral transduction into mouse retina. *Human Molecular Genetics*, **2014**, 23, 2665-77	5.6	26
142	Collagen XVIII mutation in Knobloch syndrome with acute lymphoblastic leukemia. *American Journal of Medical Genetics, Part A*, **2010**, 152A, 2875-9	2.5	26
141	OCULAR HYPERTENSION AFTER INTRAVITREAL DEXAMETHASONE (OZURDEX) SUSTAINED-RELEASE IMPLANT. *Retina*, **2017**, 37, 1345-1351	3.6	25
140	Quantitative progression of retinitis pigmentosa by optical coherence tomography angiography. *Scientific Reports*, **2018**, 8, 13130	4.9	25
139	Proteomic analysis of the human retina reveals region-specific susceptibilities to metabolic- and oxidative stress-related diseases. *PLoS ONE*, **2018**, 13, e0193250	3.7	24
138	Intraoperative sclerotomy-related retinal breaks during 23-gauge pars plana vitrectomy. *Retina*, **2013**, 33, 136-42	3.6	24
137	Extracellular superoxide dismutase (SOD3) regulates oxidative stress at the vitreoretinal interface. *Free Radical Biology and Medicine*, **2018**, 124, 408-419	7.8	24
136	Personalized Proteomics in Proliferative Vitreoretinopathy Implicate Hematopoietic Cell Recruitment and mTOR as a Therapeutic Target. *American Journal of Ophthalmology*, **2018**, 186, 152-163	4.9	22
135	Bilateral intravitreal injection of antivascular endothelial growth factor therapy. *Retina*, **2011**, 31, 31-5	3.6	22

134	Estrogen receptor alpha and matrix metalloproteinase 2 polymorphisms and age-related maculopathy in older women. *American Journal of Epidemiology*, **2008**, 167, 1217-25	3.8	22
133	Personalized Proteomics for Precision Health: Identifying Biomarkers of Vitreoretinal Disease. *Translational Vision Science and Technology*, **2018**, 7, 12	3.3	21
132	Neuroretinal hypoxic signaling in a new preclinical murine model for proliferative diabetic retinopathy. *Signal Transduction and Targeted Therapy*, **2016**, 1,	21	20
131	Erythropoetin receptor expression in the human diabetic retina. *BMC Research Notes*, **2009**, 2, 234	2.3	20
130	Calpain-5 Expression in the Retina Localizes to Photoreceptor Synapses **2016**, 57, 2509-21		20
129	Dissection of human vitreous body elements for proteomic analysis. *Journal of Visualized Experiments*, **2011**,	1.6	19
128	Patients with an acute zonal occult outer retinopathy-like illness rapidly improve with valacyclovir treatment. *American Journal of Ophthalmology*, **2010**, 150, 511-8	4.9	19
127	Proteomic analysis of vitreous biopsy techniques. *Retina*, **2012**, 32, 2141-9	3.6	19
126	Therapeutic drug repositioning using personalized proteomics of liquid biopsies. *JCI Insight*, **2017**, 2,	9.9	19
125	Structural modeling of a novel mutation that causes foveal hypoplasia. *Molecular Genetics & Genomic Medicine*, **2017**, 5, 202-209	2.3	18
124	Reprogramming towards anabolism impedes degeneration in a preclinical model of retinitis pigmentosa. *Human Molecular Genetics*, **2016**, 25, 4244-4255	5.6	18
123	Subretinal injection of gene therapy vectors and stem cells in the perinatal mouse eye. *Journal of Visualized Experiments*, **2012**,	1.6	18
122	Macular Hole Closure With Internal Limiting Membrane Abrasion Technique. *JAMA Ophthalmology*, **2015**, 133, 635-41	3.9	17
121	A novel RPGR mutation masquerading as Stargardt disease. *British Journal of Ophthalmology*, **2014**, 98, 709-11	5.5	17
120	Electroretinography Reveals Difference in Cone Function between Syndromic and Nonsyndromic USH2A Patients. *Scientific Reports*, **2017**, 7, 11170	4.9	17
119	Silicone oil-induced ocular hypertension and glaucomatous neurodegeneration in mouse. *ELife*, **2019**, 8,	8.9	17
118	A novel de novo mutation in a patient with inflammatory vitreoretinopathy, hearing loss, and developmental delay. *Journal of Physical Education and Sports Management*, **2018**, 4,	2.8	16
117	Long-term outcomes in patients undergoing vitrectomy for retinal detachment due to viral retinitis. *Clinical Ophthalmology*, **2015**, 9, 1307-14	2.5	16

116	Mouse eye enucleation for remote high-throughput phenotyping. *Journal of Visualized Experiments*, **2011**,	1.6	16
115	Gain-of-function mutations in a member of the Src family kinases cause autoinflammatory bone disease in mice and humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 11872-11877	11.5	15
114	Metabolite therapy guided by liquid biopsy proteomics delays retinal neurodegeneration. *EBioMedicine*, **2020**, 52, 102636	8.8	15
113	Translation of CRISPR Genome Surgery to the Bedside for Retinal Diseases. *Frontiers in Cell and Developmental Biology*, **2018**, 6, 46	5.7	15
112	Intraoperative choroidal detachment during 23-gauge vitrectomy. *Retina*, **2011**, 31, 893-901	3.6	15
111	Seroreactivity against aqueous-soluble and detergent-soluble retinal proteins in posterior uveitis. *JAMA Ophthalmology*, **2011**, 129, 415-20		15
110	Acute vitreoretinal trauma and inflammation after traumatic brain injury in mice. *Annals of Clinical and Translational Neurology*, **2018**, 5, 240-251	5.3	14
109	Effect of internal limiting membrane abrasion on retinal tissues in macular holes **2015**, 56, 2783-9		14
108	Monozygotic twins with CAPN5 autosomal dominant neovascular inflammatory vitreoretinopathy. *Clinical Ophthalmology*, **2012**, 6, 2037-44	2.5	14
107	Inhibition of neovascularization but not fibrosis with the fluocinolone acetonide implant in autosomal dominant neovascular inflammatory vitreoretinopathy. *JAMA Ophthalmology*, **2012**, 130, 1395-401		14
106	Fundus autofluorescence and ellipsoid zone (EZ) line width can be an outcome measurement in RHO-associated autosomal dominant retinitis pigmentosa. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2019**, 257, 725-731	3.8	13
105	Surgical management of fibrotic encapsulation of the fluocinolone acetonide implant in CAPN5-associated proliferative vitreoretinopathy. *Clinical Ophthalmology*, **2013**, 7, 1093-8	2.5	13
104	Autism Linked to Increased Oncogene Mutations but Decreased Cancer Rate. *PLoS ONE*, **2016**, 11, e0149041	3.7	13
103	CRISPR-Cas Genome Surgery in Ophthalmology. *Translational Vision Science and Technology*, **2017**, 6, 13	3.3	12
102	Silencing of tuberin enhances photoreceptor survival and function in a preclinical model of retinitis pigmentosa (an american ophthalmological society thesis). *Transactions of the American Ophthalmological Society*, **2014**, 112, 103-15		12
101	Complication of Autologous Stem Cell Transplantation in Retinitis Pigmentosa. *JAMA Ophthalmology*, **2016**, 134, 711-2	3.9	12
100	ACANTHAMOEBA ENDOPHTHALMITIS AFTER RECURRENT KERATITIS AND NODULAR SCLERITIS. *Retinal Cases and Brief Reports*, **2017**, 11, 180-182	1.1	11
99	Modulation of Post-Traumatic Immune Response Using the IL-1 Receptor Antagonist Anakinra for Improved Visual Outcomes. *Journal of Neurotrauma*, **2020**, 37, 1463-1480	5.4	11

98	A biorepository for ophthalmic surgical specimens. *Proteomics - Clinical Applications*, **2014**, 8, 209-17	3.1	11
97	Incomplete vitreomacular traction release using intravitreal ocriplasmin. *Case Reports in Ophthalmology*, **2014**, 5, 455-62	0.7	11
96	Lymphocyte infiltration in CAPN5 autosomal dominant neovascular inflammatory vitreoretinopathy. *Clinical Ophthalmology*, **2013**, 7, 1339-45	2.5	11
95	23-gauge pediatric vitrectomy using limbus-based trocar-cannulas. *Retina*, **2012**, 32, 1023-7	3.6	11
94	T-cell infiltration in autosomal dominant neovascular inflammatory vitreoretinopathy. *Molecular Vision*, **2010**, 16, 1034-40	2.3	11
93	COMBINED VITRECTOMY AND INTRAVITREAL DEXAMETHASONE (OZURDEX) SUSTAINED-RELEASE IMPLANT. *Retina*, **2016**, 36, 2087-2092	3.6	11
92	Caring for Hereditary Childhood Retinal Blindness. *Asia-Pacific Journal of Ophthalmology*, **2018**, 7, 183-191	3.15	11
91	CRISPR-mediated Ophthalmic Genome Surgery. *Current Ophthalmology Reports*, **2017**, 5, 199-206	1.8	10
90	Spontaneous dislocation of a fluocinolone acetonide implant (Retisert) into the anterior chamber and its successful extraction in sympathetic ophthalmia. *Retinal Cases and Brief Reports*, **2015**, 9, 142-4	1.1	10
89	SURGICAL EMBOLECTOMY FOR FOVEA-THREATENING ACUTE RETINAL ARTERY OCCLUSION. *Retinal Cases and Brief Reports*, **2016**, 10, 331-3	1.1	10
88	Small-angle X-ray scattering of calpain-5 reveals a highly open conformation among calpains. *Journal of Structural Biology*, **2016**, 196, 309-318	3.4	10
87	Autologous stem cell therapy for inherited and acquired retinal disease. *Regenerative Medicine*, **2018**, 13, 89-96	2.5	9
86	CRISPR GENOME SURGERY IN THE RETINA IN LIGHT OF OFF-TARGETING. *Retina*, **2018**, 38, 1443-1455	3.6	9
85	Rates of Bone Spicule Pigment Appearance in Patients With Retinitis Pigmentosa Sine Pigmento. *American Journal of Ophthalmology*, **2018**, 195, 176-180	4.9	9
84	Temporal approach for small-gauge pars plana vitrectomy combined with anterior segment surgery. *Retina*, **2012**, 32, 1614-23	3.6	9
83	Structure-based phylogeny identifies avoralstat as a TMPRSS2 inhibitor that prevents SARS-CoV-2 infection in mice. *Journal of Clinical Investigation*, **2021**, 131,	15.9	9
82	Proteomic Analysis of Elevated Intraocular Pressure with Retinal Detachment. *American Journal of Ophthalmology Case Reports*, **2017**, 5, 107-110	1.3	8
81	Structural Insights into the Unique Activation Mechanisms of a Non-classical Calpain and Its Disease-Causing Variants. *Cell Reports*, **2020**, 30, 881-892.e5	10.6	8

80	Comparison of structural progression between ciliopathy and non-ciliopathy associated with autosomal recessive retinitis pigmentosa. *Orphanet Journal of Rare Diseases*, **2019**, 14, 187	4.2	8
79	A head-tilt test for hypopyon after intravitreal triamcinolone. *Retina*, **2009**, 29, 560-1	3.6	8
78	Genome Surgery and Gene Therapy in Retinal Disorders. *Yale Journal of Biology and Medicine*, **2017**, 90, 523-532	2.4	8
77	VCAN Canonical Splice Site Mutation is Associated With Vitreoretinal Degeneration and Disrupts an MMP Proteolytic Site **2019**, 60, 282-293		7
76	Traumatic chorioretinitis sclopetaria: Risk factors, management, and prognosis. *American Journal of Ophthalmology Case Reports*, **2019**, 14, 39-46	1.3	7
75	Catenin delta-1 (CTNND1) phosphorylation controls the mesenchymal to epithelial transition in astrocytic tumors. *Human Molecular Genetics*, **2016**, 25, 4201-4210	5.6	7
74	CRISPR Base Editing in Induced Pluripotent Stem Cells. *Methods in Molecular Biology*, **2019**, 2045, 337-346	1.4	7
73	CAPN5 gene silencing by short hairpin RNA interference. *BMC Research Notes*, **2014**, 7, 642	2.3	7
72	Defective motile cilia in Prickle2-deficient mice. *Journal of Neurogenetics*, **2014**, 28, 146-52	1.6	7
71	Automated discovery and quantification of image-based complex phenotypes: a twin study of drusen phenotypes in age-related macular degeneration **2011**, 52, 9195-206		7
70	Intravitreal bevacizumab for peripapillary choroidal neovascular membranes. *JAMA Ophthalmology*, **2012**, 130, 1073-5		7
69	Comparison of microbiology and visual outcomes of patients undergoing small-gauge and 20-gauge vitrectomy for endophthalmitis. *Clinical Ophthalmology*, **2016**, 10, 167-72	2.5	7
68	Secondary glaucoma in CAPN5-associated neovascular inflammatory vitreoretinopathy. *Clinical Ophthalmology*, **2016**, 10, 1187-97	2.5	7
67	Liquid biopsy proteomics of uveal melanoma reveals biomarkers associated with metastatic risk. *Molecular Cancer*, **2021**, 20, 39	42.1	7
66	Bilateral Endophthalmitis after Immediately Sequential Bilateral Cataract Surgery. *Ophthalmology Retina*, **2019**, 3, 618-619	3.8	6
65	Sex Differences in the Repair of Retinal Detachments in the United States. *American Journal of Ophthalmology*, **2020**, 219, 284-294	4.9	6
64	Diagnostic and Therapeutic Challenges. *Retina*, **2018**, 38, 1246-1250	3.6	6
63	Quantitative autofluorescence as a clinical tool for expedited differential diagnosis of retinal degeneration. *JAMA Ophthalmology*, **2015**, 133, 219-20	3.9	6

62	Decreased macular thickness in nonproliferative macular telangiectasia type 2 with oral carbonic anhydrase inhibitors. *Retina*, **2014**, 34, 1400-6	3.6	6
61	Proliferative vitreoretinopathy may be a risk factor in combined macular hole retinal detachment cases. *Retina*, **2013**, 33, 579-85	3.6	6
60	Sutureless triplanar sclerotomy for 23-gauge vitrectomy. *JAMA Ophthalmology*, **2011**, 129, 585-90		6
59	SCAPER-associated nonsyndromic autosomal recessive retinitis pigmentosa. *American Journal of Medical Genetics, Part A*, **2019**, 179, 312-316	2.5	6
58	Hypoxic drive caused type 3 neovascularization in a preclinical model of exudative age-related macular degeneration. *Human Molecular Genetics*, **2019**, 28, 3475-3485	5.6	5
57	Proteomic insight into the pathogenesis of CAPN5-vitreoretinopathy. *Scientific Reports*, **2019**, 9, 7608	4.9	5
56	Mechanisms of neurodegeneration in a preclinical autosomal dominant retinitis pigmentosa knock-in model with a Rho mutation. *Cellular and Molecular Life Sciences*, **2019**, 76, 3657-3665	10.3	5
55	Proteomic analysis of intermediate uveitis suggests myeloid cell recruitment and implicates IL-23 as a therapeutic target. *American Journal of Ophthalmology Case Reports*, **2020**, 18, 100646	1.3	5
54	CAPN5 genetic inactivation phenotype supports therapeutic inhibition trials. *Human Mutation*, **2019**, 40, 2377-2392	4.7	5
53	Dissection of Human Retina and RPE-Choroid for Proteomic Analysis. *Journal of Visualized Experiments*, **2017**,	1.6	5
52	A new macular dystrophy with anomalous vascular development, pigment spots, cystic spaces, and neovascularization. *JAMA Ophthalmology*, **2009**, 127, 1449-57		5
51	Management of Pediatric Aphakic Glaucoma With Vitrectomy and Tube Shunts. *Journal of Pediatric Ophthalmology and Strabismus*, **2016**, 53, 339-343	0.9	5
50	Optical Coherence Tomography Angiography of RPGR-Associated Retinitis Pigmentosa Suggests Foveal Avascular Zone is a Biomarker for Vision Loss. *Ophthalmic Surgery Lasers and Imaging Retina*, **2019**, 50, e44-e48	1.4	5
49	Corrigendum and follow-up: Whole genome sequencing of multiple CRISPR-edited mouse lines suggests no excess mutations		5
48	A Reversible Silicon Oil-Induced Ocular Hypertension Model in Mice. *Journal of Visualized Experiments*, **2019**,	1.6	5
47	Early Onset Neovascular Inflammatory Vitreoretinopathy Due to a Mutation: Report of a Case. *Ocular Immunology and Inflammation*, **2019**, 27, 706-708	2.8	4
46	Intravitreal Foscarnet With Concurrent Silicone Oil Tamponade for Rhegmatogenous Retinal Detachment Secondary to Viral Retinitis. *Retina*, **2016**, 36, 2236-2238	3.6	4
45	Management of Choroidal Granulomas Involving the Macula in Corticosteroid-Intolerant Patients. *JAMA Ophthalmology*, **2015**, 133, 1351-2	3.9	4

44	An intravitreal implant injection method for sustained drug delivery into mouse eyes.. *Cell Reports Methods*, **2021**, 1,		4
43	Intravitreal methotrexate and fluocinolone acetonide implantation for Vogt-Koyanagi-Harada uveitis. *American Journal of Ophthalmology Case Reports*, **2020**, 19, 100859	1.3	4
42	ELEVATED INTRAOCULAR PRESSURE FOLLOWING PARS PLANA VITRECTOMY DUE TO TRAPPED GAS IN THE POSTERIOR CHAMBER. *Retinal Cases and Brief Reports*, **2016**, 10, 334-7	1.1	4
41	Compound heterozygous novel frameshift variants in the gene result in Leber congenital amaurosis. *Journal of Physical Education and Sports Management*, **2019**, 5,	2.8	4
40	Limbal Trocar-Cannulas for Complex Vitrectomy Surgery. *Retina*, **2019**, 39 Suppl 1, S119-S122	3.6	4
39	Novel REEP6 gene mutation associated with autosomal recessive retinitis pigmentosa. *Documenta Ophthalmologica*, **2020**, 140, 67-75	2.2	4
38	PROGRESSION OF SCOTOPIC SINGLE-FLASH ELECTRORETINOGRAPHY IN THE STAGES OF CAPN5 VITREORETINOPATHY. *Retinal Cases and Brief Reports*, **2021**, 15, 473-478	1.1	4
37	Therapeutic Window for Phosphodiesterase 6-Related Retinitis Pigmentosa. *JAMA Ophthalmology*, **2019**, 137, 679-680	3.9	3
36	Phenotypic variance in Calpain-5 retinal degeneration. *American Journal of Ophthalmology Case Reports*, **2020**, 18, 100627	1.3	3
35	Calpain-5 gene expression in the mouse eye and brain. *BMC Research Notes*, **2017**, 10, 602	2.3	3
34	Fundoscopy-directed genetic testing to re-evaluate negative whole exome sequencing results. *Orphanet Journal of Rare Diseases*, **2020**, 15, 32	4.2	3
33	Fibrin Glue and Internal Limiting Membrane Abrasion for Optic Disc Pit Maculopathy. *Ophthalmic Surgery Lasers and Imaging Retina*, **2018**, 49, e271-e277	1.4	3
32	Sex Does Not Influence Visual Outcomes After Blast-Mediated Traumatic Brain Injury but IL-1 Pathway Mutations Confer Partial Rescue **2020**, 61, 7		3
31	Retinal Manifestations of Mitochondrial Oxidative Phosphorylation Disorders **2020**, 61, 12		3
30	Molecular Surgery: Proteomics of a Rare Genetic Disease Gives Insight into Common Causes of Blindness. *IScience*, **2020**, 23, 101667	6.1	3
29	Whole-Exome Sequencing of Patients With Posterior Segment Uveitis. *American Journal of Ophthalmology*, **2021**, 221, 246-259	4.9	3
28	Peptidomimetics Therapeutics for Retinal Disease. *Biomolecules*, **2021**, 11,	5.9	3
27	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa: A Brief Methodology. *Methods in Molecular Biology*, **2018**, 1715, 191-205	1.4	3

26	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. *Orphanet Journal of Rare Diseases*, **2018**, 13, 138	4.2	3
25	In trans variant calling reveals enrichment for compound heterozygous variants in genes involved in neuronal development and growth. *Genetical Research*, **2019**, 101, e8	1.1	2
24	Optical Gap Biomarker in Cone-Dominant Retinal Dystrophy. *American Journal of Ophthalmology*, **2020**, 218, 40-53	4.9	2
23	Novel mutations in the 3-box motif of the BACK domain of KLHL7 associated with nonsyndromic autosomal dominant retinitis pigmentosa. *Orphanet Journal of Rare Diseases*, **2019**, 14, 295	4.2	2
22	Deferoxamine-induced electronegative ERG responses. *Documenta Ophthalmologica*, **2018**, 137, 15-23	2.2	2
21	Investigation of Cas9 antibodies in the human eye.. *Nature Communications*, **2022**, 13, 1053	17.4	2
20	Delayed fungal endophthalmitis secondary to. *American Journal of Ophthalmology Case Reports*, **2016**, 3, 1-4	1.3	1
19	Response to Sandford et al.: PRICKLE2 Variants in Epilepsy: A Call for Precision Medicine. *American Journal of Human Genetics*, **2016**, 98, 590-591	11	1
18	Scleral buckle hemorrhagic cyst masquerading as an orbital tumor. *Clinical Ophthalmology*, **2015**, 9, 343-5	2.5	1
17	A protocol to inject ocular drug implants into mouse eyes.. *STAR Protocols*, **2022**, 3, 101143	1.4	1
16	Telegenetics for inherited retinal diseases in the COVID-19 environment. *International Journal of Retina and Vitreous*, **2021**, 7, 25	2.9	1
15	Molecular Characterization of a Rare Case of Bilateral Vitreoretinal T Cell Lymphoma through Vitreous Liquid Biopsy. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
14	The Present and Future of Mitochondrial-Based Therapeutics for Eye Disease. *Translational Vision Science and Technology*, **2021**, 10, 4	3.3	1
13	In Vivo Expression of Mutant Calpains in the Eye Using Lentivirus. *Methods in Molecular Biology*, **2019**, 1915, 233-247	1.4	1
12	ProSave: an application for restoring quantitative data to manipulated subsets of protein lists. *Source Code for Biology and Medicine*, **2018**, 13, 3	1.9	1
11	Retinal artery and vein occlusion in calciphylaxis.. *American Journal of Ophthalmology Case Reports*, **2022**, 26, 101433	1.3	1
10	Genome Editing in the Retina: A Case Study in CRISPR for a Patient-Specific Autosomal Dominant Retinitis Pigmentosa Model **2016**, 149-162		
9	Chronic Recurrent Pseudophakic Endophthalmitis. *JAMA Ophthalmology*, **2016**, 134, 455-6	3.9	

8	Elimination of infusion bubbles and uncontrolled reflux in the alcon constellation vitrectomy vision system. *Retina*, **2013**, 33, 803-6	3.6
7	Surgical management of acanthamoeba chorioretinitis.. *American Journal of Ophthalmology Case Reports*, **2022**, 25, 101388	1.3
6	Insights into Retinal Development Using Live Imaging in Female Carriers of Choroideremia. *Ophthalmic Surgery Lasers and Imaging Retina*, **2019**, 50, e158-e162	1.4
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