

Vinit B Mahajan

List of Publications by Year in Descending Order

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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.

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	Surgical management of acanthamoeba chorioretinitis.. <i>American Journal of Ophthalmology Case Reports</i> , 2022 , 25, 101388	1.3	
186	A protocol to inject ocular drug implants into mouse eyes.. <i>STAR Protocols</i> , 2022 , 3, 101143	1.4	1
185	Investigation of Cas9 antibodies in the human eye.. <i>Nature Communications</i> , 2022 , 13, 1053	17.4	2
184	New COL6A6 Variant Causes Autosomal Dominant Retinitis Pigmentosa in a Four-Generation Family. 2022 , 63, 23		
183	Retinal artery and vein occlusion in calciphylaxis.. <i>American Journal of Ophthalmology Case Reports</i> , 2022 , 26, 101433	1.3	1
182	Multimodal imaging reveals retinoschisis masquerading as retinal detachment in patients with choroideremia.. <i>American Journal of Ophthalmology Case Reports</i> , 2022 , 26, 101543	1.3	
181	An intravitreal implant injection method for sustained drug delivery into mouse eyes.. <i>Cell Reports Methods</i> , 2021 , 1,		4
180	Telegenetics for inherited retinal diseases in the COVID-19 environment. <i>International Journal of Retina and Vitreous</i> , 2021 , 7, 25	2.9	1
179	Structure-based phylogeny identifies avoralstat as a TMPRSS2 inhibitor that prevents SARS-CoV-2 infection in mice. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	9
178	Molecular Characterization of a Rare Case of Bilateral Vitreoretinal T Cell Lymphoma through Vitreous Liquid Biopsy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
177	The Present and Future of Mitochondrial-Based Therapeutics for Eye Disease. <i>Translational Vision Science and Technology</i> , 2021 , 10, 4	3.3	1
176	Whole-Exome Sequencing of Patients With Posterior Segment Uveitis. <i>American Journal of Ophthalmology</i> , 2021 , 221, 246-259	4.9	3
175	Reply to Comment on: Sex Differences in the Repair of Retinal Detachments in the United States. <i>American Journal of Ophthalmology</i> , 2021 , 224, 345-346	4.9	
174	Liquid biopsy proteomics of uveal melanoma reveals biomarkers associated with metastatic risk. <i>Molecular Cancer</i> , 2021 , 20, 39	42.1	7
173	Peptidomimetics Therapeutics for Retinal Disease. <i>Biomolecules</i> , 2021 , 11,	5.9	3
172	PROGRESSION OF SCOTOPIC SINGLE-FLASH ELECTRORETINOGRAPHY IN THE STAGES OF CAPNS5 VITREORETINOPATHY. <i>Retinal Cases and Brief Reports</i> , 2021 , 15, 473-478	1.1	4
171	Phenotypic variance in Calpain-5 retinal degeneration. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 18, 100627	1.3	3

170	Sex Differences in the Repair of Retinal Detachments in the United States. <i>American Journal of Ophthalmology</i> , 2020 , 219, 284-294	4.9	6
169	Metabolite therapy guided by liquid biopsy proteomics delays retinal neurodegeneration. <i>EBioMedicine</i> , 2020 , 52, 102636	8.8	15
168	Modulation of Post-Traumatic Immune Response Using the IL-1 Receptor Antagonist Anakinra for Improved Visual Outcomes. <i>Journal of Neurotrauma</i> , 2020 , 37, 1463-1480	5.4	11
167	Structural Insights into the Unique Activation Mechanisms of a Non-classical Calpain and Its Disease-Causing Variants. <i>Cell Reports</i> , 2020 , 30, 881-892.e5	10.6	8
166	Proteomic analysis of intermediate uveitis suggests myeloid cell recruitment and implicates IL-23 as a therapeutic target. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 18, 100646	1.3	5
165	Fundoscopy-directed genetic testing to re-evaluate negative whole exome sequencing results. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 32	4.2	3
164	Optical Gap Biomarker in Cone-Dominant Retinal Dystrophy. <i>American Journal of Ophthalmology</i> , 2020 , 218, 40-53	4.9	2
163	Proteomic biomarkers in vitreoretinal disease 2020 , 247-254		
162	Intravitreal methotrexate and fluocinolone acetonide implantation for Vogt-Koyanagi-Harada uveitis. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 19, 100859	1.3	4
161	Sex Does Not Influence Visual Outcomes After Blast-Mediated Traumatic Brain Injury but IL-1 Pathway Mutations Confer Partial Rescue 2020 , 61, 7		3
160	Retinal Manifestations of Mitochondrial Oxidative Phosphorylation Disorders 2020 , 61, 12		3
159	Molecular Surgery: Proteomics of a Rare Genetic Disease Gives Insight into Common Causes of Blindness. <i>IScience</i> , 2020 , 23, 101667	6.1	3
158	Reply. <i>Retina</i> , 2020 , 40, e37	3.6	
157	Novel REEP6 gene mutation associated with autosomal recessive retinitis pigmentosa. <i>Documenta Ophthalmologica</i> , 2020 , 140, 67-75	2.2	4
156	Hypoxic drive caused type 3 neovascularization in a preclinical model of exudative age-related macular degeneration. <i>Human Molecular Genetics</i> , 2019 , 28, 3475-3485	5.6	5
155	Fundus autofluorescence and ellipsoid zone (EZ) line width can be an outcome measurement in RHO-associated autosomal dominant retinitis pigmentosa. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 725-731	3.8	13
154	VCAN Canonical Splice Site Mutation is Associated With Vitreoretinal Degeneration and Disrupts an MMP Proteolytic Site 2019 , 60, 282-293		7
153	Proteomic insight into the pathogenesis of CAPN5-vitreoretinopathy. <i>Scientific Reports</i> , 2019 , 9, 7608	4.9	5

152	Gain-of-function mutations in a member of the Src family kinases cause autoinflammatory bone disease in mice and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11872-11877	11.5	15
151	In trans variant calling reveals enrichment for compound heterozygous variants in genes involved in neuronal development and growth. <i>Genetical Research</i> , 2019 , 101, e8	1.1	2
150	Bilateral Endophthalmitis after Immediately Sequential Bilateral Cataract Surgery. <i>Ophthalmology Retina</i> , 2019 , 3, 618-619	3.8	6
149	Therapeutic Window for Phosphodiesterase 6-Related Retinitis Pigmentosa. <i>JAMA Ophthalmology</i> , 2019 , 137, 679-680	3.9	3
148	Early Onset Neovascular Inflammatory Vitreoretinopathy Due to a Mutation: Report of a Case. <i>Ocular Immunology and Inflammation</i> , 2019 , 27, 706-708	2.8	4
147	Traumatic chorioretinitis sclopetaria: Risk factors, management, and prognosis. <i>American Journal of Ophthalmology Case Reports</i> , 2019 , 14, 39-46	1.3	7
146	Mechanisms of neurodegeneration in a preclinical autosomal dominant retinitis pigmentosa knock-in model with a Rho mutation. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 3657-3665	10.3	5
145	Opposing T cell responses in experimental autoimmune encephalomyelitis. <i>Nature</i> , 2019 , 572, 481-487	50.4	70
144	CAPN5 genetic inactivation phenotype supports therapeutic inhibition trials. <i>Human Mutation</i> , 2019 , 40, 2377-2392	4.7	5
143	Comparison of structural progression between ciliopathy and non-ciliopathy associated with autosomal recessive retinitis pigmentosa. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 187	4.2	8
142	CRISPR Base Editing in Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2019 , 2045, 337-346	4	7
141	Optical Coherence Tomography Angiography of RPGR-Associated Retinitis Pigmentosa Suggests Foveal Avascular Zone is a Biomarker for Vision Loss. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019 , 50, e44-e48	1.4	5
140	Silicone oil-induced ocular hypertension and glaucomatous neurodegeneration in mouse. <i>ELife</i> , 2019 , 8,	8.9	17
139	Insights into Retinal Development Using Live Imaging in Female Carriers of Choroideremia. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2019 , 50, e158-e162	1.4	
138	A Reversible Silicon Oil-Induced Ocular Hypertension Model in Mice. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	5
137	Compound heterozygous novel frameshift variants in the gene result in Leber congenital amaurosis. <i>Journal of Physical Education and Sports Management</i> , 2019 , 5,	2.8	4
136	Novel mutations in the 3-box motif of the BACK domain of KLHL7 associated with nonsyndromic autosomal dominant retinitis pigmentosa. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 295	4.2	2
135	SCAPER-associated nonsyndromic autosomal recessive retinitis pigmentosa. <i>American Journal of Medical Genetics, Part A</i> , 2019 , 179, 312-316	2.5	6

134	Viral Delivery Systems for CRISPR. <i>Viruses</i> , 2019 , 11,	6.2	92
133	In Vivo Expression of Mutant Calpains in the Eye Using Lentivirus. <i>Methods in Molecular Biology</i> , 2019 , 1915, 233-247	1.4	1
132	Limbal Trocar-Cannulas for Complex Vitrectomy Surgery. <i>Retina</i> , 2019 , 39 Suppl 1, S119-S122	3.6	4
131	Acute vitreoretinal trauma and inflammation after traumatic brain injury in mice. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 240-251	5.3	14
130	A novel de novo mutation in a patient with inflammatory vitreoretinopathy, hearing loss, and developmental delay. <i>Journal of Physical Education and Sports Management</i> , 2018 , 4,	2.8	16
129	Autologous stem cell therapy for inherited and acquired retinal disease. <i>Regenerative Medicine</i> , 2018 , 13, 89-96	2.5	9
128	Personalized Proteomics in Proliferative Vitreoretinopathy Implicate Hematopoietic Cell Recruitment and mTOR as a Therapeutic Target. <i>American Journal of Ophthalmology</i> , 2018 , 186, 152-163 ^{4.9}	4.9	22
127	Diagnostic and Therapeutic Challenges. <i>Retina</i> , 2018 , 38, 1246-1250	3.6	6
126	Bevacizumab Injection in Patients with Neovascular Age-Related Macular Degeneration Increases Angiogenic Biomarkers. <i>Ophthalmology Retina</i> , 2018 , 2, 31-37	3.8	34
125	Translation of CRISPR Genome Surgery to the Bedside for Retinal Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 46	5.7	15
124	CRISPR GENOME SURGERY IN THE RETINA IN LIGHT OF OFF-TARGETING. <i>Retina</i> , 2018 , 38, 1443-1455	3.6	9
123	HTRA1, an age-related macular degeneration protease, processes extracellular matrix proteins EFEMP1 and TSP1. <i>Aging Cell</i> , 2018 , 17, e12710	9.9	38
122	Rates of Bone Spicule Pigment Appearance in Patients With Retinitis Pigmentosa Sine Pigmento. <i>American Journal of Ophthalmology</i> , 2018 , 195, 176-180	4.9	9
121	Proteomic analysis of the human retina reveals region-specific susceptibilities to metabolic- and oxidative stress-related diseases. <i>PLoS ONE</i> , 2018 , 13, e0193250	3.7	24
120	Gene therapy and genome surgery in the retina. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2177-2188	15.9	76
119	Fibrin Glue and Internal Limiting Membrane Abrasion for Optic Disc Pit Maculopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2018 , 49, e271-e277	1.4	3
118	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa: A Brief Methodology. <i>Methods in Molecular Biology</i> , 2018 , 1715, 191-205	1.4	3
117	ProSave: an application for restoring quantitative data to manipulated subsets of protein lists. <i>Source Code for Biology and Medicine</i> , 2018 , 13, 3	1.9	1

116	Caring for Hereditary Childhood Retinal Blindness. <i>Asia-Pacific Journal of Ophthalmology</i> , 2018 , 7, 183-191	3.5	11
115	Personalized Proteomics for Precision Health: Identifying Biomarkers of Vitreoretinal Disease. <i>Translational Vision Science and Technology</i> , 2018 , 7, 12	3.3	21
114	Review of Ocular Manifestations of Joubert Syndrome. <i>Genes</i> , 2018 , 9,	4.2	29
113	Quantitative progression of retinitis pigmentosa by optical coherence tomography angiography. <i>Scientific Reports</i> , 2018 , 8, 13130	4.9	25
112	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. <i>Orphanet Journal of Rare Diseases</i> , 2018 , 13, 138	4.2	3
111	Deferoxamine-induced electronegative ERG responses. <i>Documenta Ophthalmologica</i> , 2018 , 137, 15-23	2.2	2
110	Extracellular superoxide dismutase (SOD3) regulates oxidative stress at the vitreoretinal interface. <i>Free Radical Biology and Medicine</i> , 2018 , 124, 408-419	7.8	24
109	ACANTHAMOEBA ENDOPHTHALMITIS AFTER RECURRENT KERATITIS AND NODULAR SCLERITIS. <i>Retinal Cases and Brief Reports</i> , 2017 , 11, 180-182	1.1	11
108	Unexpected mutations after CRISPR-Cas9 editing in vivo. <i>Nature Methods</i> , 2017 , 14, 547-548	21.6	233
107	OCULAR HYPERTENSION AFTER INTRAVITREAL DEXAMETHASONE (OZURDEX) SUSTAINED-RELEASE IMPLANT. <i>Retina</i> , 2017 , 37, 1345-1351	3.6	25
106	Proteomic Analysis of Elevated Intraocular Pressure with Retinal Detachment. <i>American Journal of Ophthalmology Case Reports</i> , 2017 , 5, 107-110	1.3	8
105	Structural modeling of a novel mutation that causes foveal hypoplasia. <i>Molecular Genetics & Genomic Medicine</i> , 2017 , 5, 202-209	2.3	18
104	CRISPR-mediated Ophthalmic Genome Surgery. <i>Current Ophthalmology Reports</i> , 2017 , 5, 199-206	1.8	10
103	Recessive coding and regulatory mutations in FBLIM1 underlie the pathogenesis of chronic recurrent multifocal osteomyelitis (CRMO). <i>PLoS ONE</i> , 2017 , 12, e0169687	3.7	40
102	Calpain-5 gene expression in the mouse eye and brain. <i>BMC Research Notes</i> , 2017 , 10, 602	2.3	3
101	Retinal and choroidal angiogenesis: a review of new targets. <i>International Journal of Retina and Vitreous</i> , 2017 , 3, 31	2.9	76
100	CRISPR-Cas Genome Surgery in Ophthalmology. <i>Translational Vision Science and Technology</i> , 2017 , 6, 13	3.3	12
99	Electroretinography Reveals Difference in Cone Function between Syndromic and Nonsyndromic USH2A Patients. <i>Scientific Reports</i> , 2017 , 7, 11170	4.9	17

98	Retrospective Analysis of Structural Disease Progression in Retinitis Pigmentosa Utilizing Multimodal Imaging. <i>Scientific Reports</i> , 2017 , 7, 10347	4.9	39
97	Efficacy and safety of voretigene neparvovec (AAV2-hRPE65v2) in patients with RPE65-mediated inherited retinal dystrophy: a randomised, controlled, open-label, phase 3 trial. <i>Lancet, The</i> , 2017 , 390, 849-860	40	759
96	Gene Therapy Restores Mfrp and Corrects Axial Eye Length. <i>Scientific Reports</i> , 2017 , 7, 16151	4.9	28
95	Dissection of Human Retina and RPE-Choroid for Proteomic Analysis. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	5
94	Therapeutic drug repositioning using personalized proteomics of liquid biopsies. <i>JCI Insight</i> , 2017 , 2,	9.9	19
93	Genome Surgery and Gene Therapy in Retinal Disorders. <i>Yale Journal of Biology and Medicine</i> , 2017 , 90, 523-532	2.4	8
92	Genome Editing in the Retina: A Case Study in CRISPR for a Patient-Specific Autosomal Dominant Retinitis Pigmentosa Model 2016 , 149-162		
91	Catenin delta-1 (CTNND1) phosphorylation controls the mesenchymal to epithelial transition in astrocytic tumors. <i>Human Molecular Genetics</i> , 2016 , 25, 4201-4210	5.6	7
90	Reprogramming towards anabolism impedes degeneration in a preclinical model of retinitis pigmentosa. <i>Human Molecular Genetics</i> , 2016 , 25, 4244-4255	5.6	18
89	Neuroretinal hypoxic signaling in a new preclinical murine model for proliferative diabetic retinopathy. <i>Signal Transduction and Targeted Therapy</i> , 2016 , 1,	21	20
88	Precision Medicine: Genetic Repair of Retinitis Pigmentosa in Patient-Derived Stem Cells. <i>Scientific Reports</i> , 2016 , 6, 19969	4.9	112
87	Intravitreal Foscarnet With Concurrent Silicone Oil Tamponade for Rhegmatogenous Retinal Detachment Secondary to Viral Retinitis. <i>Retina</i> , 2016 , 36, 2236-2238	3.6	4
86	Delayed fungal endophthalmitis secondary to. <i>American Journal of Ophthalmology Case Reports</i> , 2016 , 3, 1-4	1.3	1
85	Chronic Recurrent Pseudophakic Endophthalmitis. <i>JAMA Ophthalmology</i> , 2016 , 134, 455-6	3.9	
84	Precision Medicine: Personalized Proteomics for the Diagnosis and Treatment of Idiopathic Inflammatory Disease. <i>JAMA Ophthalmology</i> , 2016 , 134, 444-8	3.9	44
83	Response to Sandford et al.: PRICKLE2 Variants in Epilepsy: A Call for Precision Medicine. <i>American Journal of Human Genetics</i> , 2016 , 98, 590-591	11	1
82	Reprogramming metabolism by targeting sirtuin 6 attenuates retinal degeneration. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4659-4673	15.9	52
81	Management of Pediatric Aphakic Glaucoma With Vitrectomy and Tube Shunts. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2016 , 53, 339-343	0.9	5

80	Calpain-5 Expression in the Retina Localizes to Photoreceptor Synapses 2016 , 57, 2509-21		20
79	Comparison of microbiology and visual outcomes of patients undergoing small-gauge and 20-gauge vitrectomy for endophthalmitis. <i>Clinical Ophthalmology</i> , 2016 , 10, 167-72	2.5	7
78	Secondary glaucoma in CAPN5-associated neovascular inflammatory vitreoretinopathy. <i>Clinical Ophthalmology</i> , 2016 , 10, 1187-97	2.5	7
77	Autism Linked to Increased Oncogene Mutations but Decreased Cancer Rate. <i>PLoS ONE</i> , 2016 , 11, e0149041	3.7	13
76	ELEVATED INTRAOCULAR PRESSURE FOLLOWING PARS PLANA VITRECTOMY DUE TO TRAPPED GAS IN THE POSTERIOR CHAMBER. <i>Retinal Cases and Brief Reports</i> , 2016 , 10, 334-7	1.1	4
75	COMBINED VITRECTOMY AND INTRAVITREAL DEXAMETHASONE (OZURDEX) SUSTAINED-RELEASE IMPLANT. <i>Retina</i> , 2016 , 36, 2087-2092	3.6	11
74	Complication of Autologous Stem Cell Transplantation in Retinitis Pigmentosa. <i>JAMA Ophthalmology</i> , 2016 , 134, 711-2	3.9	12
73	CRISPR Repair Reveals Causative Mutation in a Preclinical Model of Retinitis Pigmentosa. <i>Molecular Therapy</i> , 2016 , 24, 1388-94	11.7	74
72	BESTROPHIN1 mutations cause defective chloride conductance in patient stem cell-derived RPE. <i>Human Molecular Genetics</i> , 2016 , 25, 2672-2680	5.6	33
71	SURGICAL EMBOLECTOMY FOR FOVEA-THREATENING ACUTE RETINAL ARTERY OCCLUSION. <i>Retinal Cases and Brief Reports</i> , 2016 , 10, 331-3	1.1	10
70	Small-angle X-ray scattering of calpain-5 reveals a highly open conformation among calpains. <i>Journal of Structural Biology</i> , 2016 , 196, 309-318	3.4	10
69	Macular Hole Closure With Internal Limiting Membrane Abrasion Technique. <i>JAMA Ophthalmology</i> , 2015 , 133, 635-41	3.9	17
68	CAPN5 mutation in hereditary uveitis: the R243L mutation increases calpain catalytic activity and triggers intraocular inflammation in a mouse model. <i>Human Molecular Genetics</i> , 2015 , 24, 4584-98	5.6	30
67	Seizures are regulated by ubiquitin-specific peptidase 9 X-linked (USP9X), a de-ubiquitinase. <i>PLoS Genetics</i> , 2015 , 11, e1005022	6	49
66	Spontaneous dislocation of a fluocinolone acetonide implant (Retisert) into the anterior chamber and its successful extraction in sympathetic ophthalmia. <i>Retinal Cases and Brief Reports</i> , 2015 , 9, 142-4	1.1	10
65	Management of Choroidal Granulomas Involving the Macula in Corticosteroid-Intolerant Patients. <i>JAMA Ophthalmology</i> , 2015 , 133, 1351-2	3.9	4
64	Scleral buckle hemorrhagic cyst masquerading as an orbital tumor. <i>Clinical Ophthalmology</i> , 2015 , 9, 343-5	5.5	1
63	Effect of internal limiting membrane abrasion on retinal tissues in macular holes 2015 , 56, 2783-9		14

62	Structural modeling of a novel CAPN5 mutation that causes uveitis and neovascular retinal detachment. <i>PLoS ONE</i> , 2015 , 10, e0122352	3.7	29
61	Proteomic insight into the molecular function of the vitreous. <i>PLoS ONE</i> , 2015 , 10, e0127567	3.7	58
60	Long-term outcomes in patients undergoing vitrectomy for retinal detachment due to viral retinitis. <i>Clinical Ophthalmology</i> , 2015 , 9, 1307-14	2.5	16
59	Quantitative autofluorescence as a clinical tool for expedited differential diagnosis of retinal degeneration. <i>JAMA Ophthalmology</i> , 2015 , 133, 219-20	3.9	6
58	Intravitreal Anti-VEGF Injections in Pregnancy: Case Series and Review of Literature. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015 , 31, 605-10	2.6	35
57	A novel RPGR mutation masquerading as Stargardt disease. <i>British Journal of Ophthalmology</i> , 2014 , 98, 709-11	5.5	17
56	CAPN5 gene silencing by short hairpin RNA interference. <i>BMC Research Notes</i> , 2014 , 7, 642	2.3	7
55	Functional validation of a human CAPN5 exome variant by lentiviral transduction into mouse retina. <i>Human Molecular Genetics</i> , 2014 , 23, 2665-77	5.6	26
54	Spinster homolog 2 (spns2) deficiency causes early onset progressive hearing loss. <i>PLoS Genetics</i> , 2014 , 10, e1004688	6	38
53	Translational vitreous proteomics. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 204-8	3.1	28
52	A biorepository for ophthalmic surgical specimens. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 209-17	3.1	11
51	Proteomic landscape of the human choroid-retinal pigment epithelial complex. <i>JAMA Ophthalmology</i> , 2014 , 132, 1271-81	3.9	31
50	Defective motile cilia in Prickle2-deficient mice. <i>Journal of Neurogenetics</i> , 2014 , 28, 146-52	1.6	7
49	Incomplete vitreomacular traction release using intravitreal ocriplasmin. <i>Case Reports in Ophthalmology</i> , 2014 , 5, 455-62	0.7	11
48	Decreased macular thickness in nonproliferative macular telangiectasia type 2 with oral carbonic anhydrase inhibitors. <i>Retina</i> , 2014 , 34, 1400-6	3.6	6
47	Silencing of tuberin enhances photoreceptor survival and function in a preclinical model of retinitis pigmentosa (an american ophthalmological society thesis). <i>Transactions of the American Ophthalmological Society</i> , 2014 , 112, 103-15		12
46	Genome-wide generation and systematic phenotyping of knockout mice reveals new roles for many genes. <i>Cell</i> , 2013 , 154, 452-64	56.2	350
45	Combination therapy for neovascular age-related macular degeneration refractory to anti-vascular endothelial growth factor agents. <i>Ophthalmology</i> , 2013 , 120, 2029-34	7.3	53

44	Aflibercept therapy for exudative age-related macular degeneration resistant to bevacizumab and ranibizumab. <i>American Journal of Ophthalmology</i> , 2013 , 156, 15-22.e1	4.9	198
43	Mutations in extracellular matrix genes NID1 and LAMC1 cause autosomal dominant Dandy-Walker malformation and occipital cephaloceles. <i>Human Mutation</i> , 2013 , 34, 1075-9	4.7	28
42	Proliferative vitreoretinopathy may be a risk factor in combined macular hole retinal detachment cases. <i>Retina</i> , 2013 , 33, 579-85	3.6	6
41	Intraoperative sclerotomy-related retinal breaks during 23-gauge pars plana vitrectomy. <i>Retina</i> , 2013 , 33, 136-42	3.6	24
40	Elimination of infusion bubbles and uncontrolled reflux in the alcon constellation vitrectomy vision system. <i>Retina</i> , 2013 , 33, 803-6	3.6	
39	Surgical management of fibrotic encapsulation of the fluocinolone acetonide implant in CAPN5-associated proliferative vitreoretinopathy. <i>Clinical Ophthalmology</i> , 2013 , 7, 1093-8	2.5	13
38	Lymphocyte infiltration in CAPN5 autosomal dominant neovascular inflammatory vitreoretinopathy. <i>Clinical Ophthalmology</i> , 2013 , 7, 1339-45	2.5	11
37	PRICKLE1 interaction with SYNAPSIN I reveals a role in autism spectrum disorders. <i>PLoS ONE</i> , 2013 , 8, e80737	3.7	29
36	Mcp1-deficient mice reveal a role for MCPH1 in otitis media. <i>PLoS ONE</i> , 2013 , 8, e58156	3.7	30
35	Proteomic interactions in the mouse vitreous-retina complex. <i>PLoS ONE</i> , 2013 , 8, e82140	3.7	43
34	Infrared imaging and optical coherence tomography reveal early-stage astrocytic hamartomas not detectable by fundoscopy. <i>American Journal of Ophthalmology</i> , 2012 , 153, 883-889.e2	4.9	34
33	Monozygotic twins with CAPN5 autosomal dominant neovascular inflammatory vitreoretinopathy. <i>Clinical Ophthalmology</i> , 2012 , 6, 2037-44	2.5	14
32	Inhibition of neovascularization but not fibrosis with the fluocinolone acetonide implant in autosomal dominant neovascular inflammatory vitreoretinopathy. <i>JAMA Ophthalmology</i> , 2012 , 130, 1395-401		14
31	Calpain-5 mutations cause autoimmune uveitis, retinal neovascularization, and photoreceptor degeneration. <i>PLoS Genetics</i> , 2012 , 8, e1003001	6	58
30	Disruption of mouse Cenpj, a regulator of centriole biogenesis, phenocopies Seckel syndrome. <i>PLoS Genetics</i> , 2012 , 8, e1003022	6	67
29	Intravitreal bevacizumab for peripapillary choroidal neovascular membranes. <i>JAMA Ophthalmology</i> , 2012 , 130, 1073-5		7
28	Subretinal injection of gene therapy vectors and stem cells in the perinatal mouse eye. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	18
27	Temporal approach for small-gauge pars plana vitrectomy combined with anterior segment surgery. <i>Retina</i> , 2012 , 32, 1614-23	3.6	9

26	23-gauge pediatric vitrectomy using limbus-based trocar-cannulas. <i>Retina</i> , 2012 , 32, 1023-7	3.6	11
25	Proteomic analysis of vitreous biopsy techniques. <i>Retina</i> , 2012 , 32, 2141-9	3.6	19
24	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
23	Dissection of human vitreous body elements for proteomic analysis. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	19
22	Mouse eye enucleation for remote high-throughput phenotyping. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	16
21	Evisceration of mouse vitreous and retina for proteomic analyses. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	28
20	Intravitreal bevacizumab for treatment of proliferative and nonproliferative type 2 idiopathic macular telangiectasia. <i>Retina</i> , 2011 , 31, 1848-55	3.6	41
19	Intraoperative choroidal detachment during 23-gauge vitrectomy. <i>Retina</i> , 2011 , 31, 893-901	3.6	15
18	Bilateral intravitreal injection of antivascular endothelial growth factor therapy. <i>Retina</i> , 2011 , 31, 31-5	3.6	22
17	Sutureless triplanar sclerotomy for 23-gauge vitrectomy. <i>JAMA Ophthalmology</i> , 2011 , 129, 585-90		6
16	Seroreactivity against aqueous-soluble and detergent-soluble retinal proteins in posterior uveitis. <i>JAMA Ophthalmology</i> , 2011 , 129, 415-20		15
15	Mutations in prickle orthologs cause seizures in flies, mice, and humans. <i>American Journal of Human Genetics</i> , 2011 , 88, 138-49	11	99
14	Uveitis following intravitreal bevacizumab: a non-infectious cluster. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2011 , 42, 292-6	1.4	32
13	Effects of vitrectomy on age-related macular degeneration. <i>Ophthalmology</i> , 2010 , 117, 1381-6	7.3	32
12	Automated early detection of diabetic retinopathy. <i>Ophthalmology</i> , 2010 , 117, 1147-54	7.3	147
11	Patients with an acute zonal occult outer retinopathy-like illness rapidly improve with valacyclovir treatment. <i>American Journal of Ophthalmology</i> , 2010 , 150, 511-8	4.9	19
10	Intravitreal bevacizumab during pregnancy. <i>Retina</i> , 2010 , 30, 1405-11	3.6	71
9	Collagen XVIII mutation in Knobloch syndrome with acute lymphoblastic leukemia. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 2875-9	2.5	26

8	T-cell infiltration in autosomal dominant neovascular inflammatory vitreoretinopathy. <i>Molecular Vision</i> , 2010 , 16, 1034-40	2.3	11
7	A new macular dystrophy with anomalous vascular development, pigment spots, cystic spaces, and neovascularization. <i>JAMA Ophthalmology</i> , 2009 , 127, 1449-57		5
6	Erythropoietin receptor expression in the human diabetic retina. <i>BMC Research Notes</i> , 2009 , 2, 234	2.3	20
5	Management of sympathetic ophthalmia with the fluocinolone acetonide implant. <i>Ophthalmology</i> , 2009 , 116, 552-557.e1	7.3	43
4	A head-tilt test for hypopyon after intravitreal triamcinolone. <i>Retina</i> , 2009 , 29, 560-1	3.6	8
3	Estrogen receptor alpha and matrix metalloproteinase 2 polymorphisms and age-related maculopathy in older women. <i>American Journal of Epidemiology</i> , 2008 , 167, 1217-25	3.8	22
2	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. <i>Human Mutation</i> , 2007 , 28, 243-54	4.7	33
1	Corrigendum and follow-up: Whole genome sequencing of multiple CRISPR-edited mouse lines suggests no excess mutations		5