

Robert F Mullins

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.

206
papers

11,787
citations

57
h-index

104
g-index

214
ext. papers

13,630
ext. citations

5.7
avg, IF

6.06
L-index

#	Paper	IF	Citations
206	Local Factor H production by human choroidal endothelial cells mitigates complement deposition: implications for macular degeneration.. <i>Journal of Pathology</i> , 2022 ,	9.4	3
205	Age-Related Macular Degeneration Masquerade: A Review of Pentosan Polysulfate Maculopathy and Implications for Clinical Practice.. <i>Asia-Pacific Journal of Ophthalmology</i> , 2022 , 11, 100-110	3.5	2
204	Patient derived stem cells for discovery and validation of novel pathogenic variants in inherited retinal disease. <i>Progress in Retinal and Eye Research</i> , 2021 , 83, 100918	20.5	3
203	Cell-Matrix Interactions in the Eye: From Cornea to Choroid. <i>Cells</i> , 2021 , 10,	7.9	4
202	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. <i>Ophthalmology Science</i> , 2021 , 1, 100002		2
201	Human photoreceptor cells from different macular subregions have distinct transcriptional profiles. <i>Human Molecular Genetics</i> , 2021 , 30, 1543-1558	5.6	1
200	VARYING OPTICAL COHERENCE TOMOGRAPHY APPEARANCE OF THE INNER CHOROID WITH AGE: Possible Explanation and Histologic Correlate. <i>Retina</i> , 2021 , 41, 1071-1075	3.6	1
199	Exome-based investigation of the genetic basis of human pigmentary glaucoma. <i>BMC Genomics</i> , 2021 , 22, 477	4.5	0
198	Microfluidic processing of stem cells for autologous cell replacement. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 1384-1393	6.9	2
197	An Unusual Presentation of CLN3-Associated Batten Disease With Classic Histopathologic and Ultrastructural Findings. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 ,	3.1	1
196	The SWELL1-LRRC8 complex regulates endothelial AKT-eNOS signaling and vascular function. <i>ELife</i> , 2021 , 10,	8.9	14
195	Single-cell RNA sequencing in vision research: Insights into human retinal health and disease. <i>Progress in Retinal and Eye Research</i> , 2021 , 83, 100934	20.5	8
194	Intrafamilial Variability of Ocular Manifestations of von Hippel-Lindau Disease. <i>Ophthalmology Retina</i> , 2021 , 6, 89-89	3.8	0
193	Automated segmentation of choroidal layers from 3-dimensional macular optical coherence tomography scans. <i>Journal of Neuroscience Methods</i> , 2021 , 360, 109267	3	0
192	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	2.6	0
191	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	3.2	1
190	Bulk and single-cell gene expression analyses reveal aging human choriocapillaris has pro-inflammatory phenotype. <i>Microvascular Research</i> , 2020 , 131, 104031	3.7	10

189	Single-Cell RNA Sequencing in Human Retinal Degeneration Reveals Distinct Glial Cell Populations. <i>Cells</i> , 2020 , 9,	7.9	18
188	Toll-like Receptor 2 Facilitates Oxidative Damage-Induced Retinal Degeneration. <i>Cell Reports</i> , 2020 , 30, 2209-2224.e5	10.6	17
187	Visualization of Mouse Choroidal and Retinal Vasculature Using Fluorescent Tomato Lectin Perfusion. <i>Translational Vision Science and Technology</i> , 2020 , 9, 1	3.3	2
186	Autologous cell replacement: a noninvasive AI approach to clinical release testing. <i>Journal of Clinical Investigation</i> , 2020 , 130, 608-611	15.9	3
185	POSTERIORLY INSERTED VITREOUS BASE: Preoperative Characteristics, Intraoperative Findings, and Outcomes After Vitrectomy. <i>Retina</i> , 2020 , 40, 943-950	3.6	8
184	Spectacle: An interactive resource for ocular single-cell RNA sequencing data analysis. <i>Experimental Eye Research</i> , 2020 , 200, 108204	3.7	8
183	Predominance of hyperopia in autosomal dominant Best vitelliform macular dystrophy. <i>British Journal of Ophthalmology</i> , 2020 ,	5.5	3
182	Label-free microfluidic enrichment of photoreceptor cells. <i>Experimental Eye Research</i> , 2020 , 199, 108166	3.7	5
181	Reply. <i>Retina</i> , 2020 , 40, e68-e69	3.6	1
180	Single-cell profiling reveals an endothelium-mediated immunomodulatory pathway in the eye choroid. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	19
179	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	8.3	9
178	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	4.8	5
177	Subretinal pseudocyst: A novel optical coherence tomography finding in age-related macular degeneration. <i>European Journal of Ophthalmology</i> , 2020 , 30, NP24-NP26	1.9	3
176	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	4.8	8
175	Wide-Field Swept-Source OCT and Angiography in X-Linked Retinoschisis. <i>Ophthalmology Retina</i> , 2019 , 3, 178-185	3.8	11
174	Development of a Molecularly Stable Gene Therapy Vector for the Treatment of -Associated X-Linked Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2019 , 30, 967-974	4.8	7
173	Two-photon polymerized poly(caprolactone) retinal cell delivery scaffolds and their systemic and retinal biocompatibility. <i>Acta Biomaterialia</i> , 2019 , 94, 204-218	10.8	32
172	Molecular characterization of foveal versus peripheral human retina by single-cell RNA sequencing. <i>Experimental Eye Research</i> , 2019 , 184, 234-242	3.7	58

171	Optimizing Donor Cellular Dissociation and Subretinal Injection Parameters for Stem Cell-Based Treatments. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 797-809	6.9	8
170	Choriocapillaris Degeneration in Geographic Atrophy. <i>American Journal of Pathology</i> , 2019 , 189, 1473-1488	3.5	31
169	Correction of NR2E3 Associated Enhanced S-cone Syndrome Patient-specific iPSCs using CRISPR-Cas9. <i>Genes</i> , 2019 , 10,	4.2	14
168	Single-cell transcriptomics of the human retinal pigment epithelium and choroid in health and macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24100-24107	11.5	85
167	Subretinal pseudocysts: A novel OCT finding in diabetic macular edema. <i>American Journal of Ophthalmology Case Reports</i> , 2019 , 16, 100567	1.3	2
166	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1682-1691	27.4	31
165	PyMINER Finds Gene and Autocrine-Paracrine Networks from Human Islet scRNA-Seq. <i>Cell Reports</i> , 2019 , 26, 1951-1964.e8	10.6	23
164	AUTOIMMUNE RETINOPATHY MIMICKING HERITABLE RETINAL DEGENERATION IN A PATIENT WITH COMMON VARIABLE IMMUNE DEFICIENCY. <i>Retinal Cases and Brief Reports</i> , 2019 , 16,	1.1	2
163	Generation of an immortalized human choroid endothelial cell line (iChEC-1) using an endothelial cell specific promoter. <i>Microvascular Research</i> , 2019 , 123, 50-57	3.7	11
162	The ARMS2 A69S Polymorphism Is Associated with Delayed Rod-Mediated Dark Adaptation in Eyes at Risk for Incident Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019 , 126, 591-600	7.3	20
161	EYES WITH SUBRETINAL DRUSENOID DEPOSITS AND NO DRUSEN: Progression of Macular Findings. <i>Retina</i> , 2019 , 39, 12-26	3.6	16
160	APOPTOSIS AND ANGIOFIBROSIS IN DIABETIC TRACTIONAL MEMBRANES AFTER VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITION: Results of a Prospective Trial. Report No. 2. <i>Retina</i> , 2019 , 39, 265-273	3.6	13
159	CRISPR-Cas9-Based Genome Editing of Human Induced Pluripotent Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2018 , 44, 5B.7.1-5B.7.22	2.8	20
158	Feeder-free differentiation of cells exhibiting characteristics of corneal endothelium from human induced pluripotent stem cells. <i>Biology Open</i> , 2018 , 7,	2.2	31
157	CRISPR-Cas9-Mediated Correction of the 1.02 kb Common Deletion in in Induced Pluripotent Stem Cells from Patients with Batten Disease. <i>CRISPR Journal</i> , 2018 , 1, 75-87	2.5	12
156	CRISPR-Cas9 genome engineering: Treating inherited retinal degeneration. <i>Progress in Retinal and Eye Research</i> , 2018 , 65, 28-49	20.5	43
155	Evaluation of sFLT1 protein levels in human eyes with the FLT1 rs9943922 polymorphism. <i>Ophthalmic Genetics</i> , 2018 , 39, 68-72	1.2	2
154	Effect of Molecular Weight and Functionality on Acrylated Poly(caprolactone) for Stereolithography and Biomedical Applications. <i>Biomacromolecules</i> , 2018 , 19, 3682-3692	6.9	32

153	Evaluation of serum and ocular levels of membrane attack complex and C-reactive protein in CFH-genotyped human donors. <i>Eye</i> , 2018 , 32, 1740-1742	4.4	11
152	Human Retinal Engineering using 3D PCL Scaffolds. <i>FASEB Journal</i> , 2018 , 32, 816.12	0.9	
151	Histochemical Analysis of Glaucoma Caused by a Myocilin Mutation in a Human Donor Eye. <i>Ophthalmology Glaucoma</i> , 2018 , 1, 132-138	2.2	6
150	Assessment of Adeno-Associated Virus Serotype Tropism in Human Retinal Explants. <i>Human Gene Therapy</i> , 2018 , 29, 424-436	4.8	26
149	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	3.3	9
148	Autoimmune retinopathy and optic neuropathy associated with enolase-positive renal oncocytoma. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 12, 55-60	1.3	3
147	Imidazole Compounds for Protecting Choroidal Endothelial Cells from Complement Injury. <i>Scientific Reports</i> , 2018 , 8, 13387	4.9	4
146	Bestrophinopathy: An RPE-photoreceptor interface disease. <i>Progress in Retinal and Eye Research</i> , 2017 , 58, 70-88	20.5	57
145	Connective Tissue Growth Factor Promotes Efficient Generation of Human Induced Pluripotent Stem Cell-Derived Choroidal Endothelium. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1533-1546	6.9	25
144	Preparation and evaluation of human choroid extracellular matrix scaffolds for the study of cell replacement strategies. <i>Acta Biomaterialia</i> , 2017 , 57, 293-303	10.8	14
143	From compliment to insult: genetics of the complement system in physiology and disease in the human retina. <i>Human Molecular Genetics</i> , 2017 , 26, R51-R57	5.6	10
142	Clinically Focused Molecular Investigation of 1000 Consecutive Families with Inherited Retinal Disease. <i>Ophthalmology</i> , 2017 , 124, 1314-1331	7.3	188
141	Using CRISPR-Cas9 to Generate Gene-Corrected Autologous iPSCs for the Treatment of Inherited Retinal Degeneration. <i>Molecular Therapy</i> , 2017 , 25, 1999-2013	11.7	84
140	Patient-specific induced pluripotent stem cells to evaluate the pathophysiology of TRNT1-associated Retinitis pigmentosa. <i>Stem Cell Research</i> , 2017 , 21, 58-70	1.6	38
139	Two-photon polymerization for production of human iPSC-derived retinal cell grafts. <i>Acta Biomaterialia</i> , 2017 , 55, 385-395	10.8	58
138	Drusen on Demand? Authors Describe a Novel Culture System for Generating subRPE Deposits 2017 , 58, 720		0
137	Choroidal Γ cells in protection against retinal pigment epithelium and retinal injury. <i>FASEB Journal</i> , 2017 , 31, 4903-4916	0.9	11
136	CLINICOPATHOLOGICAL CORRELATION IN A PATIENT WITH PREVIOUSLY TREATED BIRDSHOT CHORIORETINOPATHY. <i>Retinal Cases and Brief Reports</i> , 2017 , 11, 344-347	1.1	7

135	Generation of Xeno-Free, cGMP-Compliant Patient-Specific iPSCs from Skin Biopsy. <i>Current Protocols in Stem Cell Biology</i> , 2017 , 42, 4A.12.1-4A.12.14	2.8	11
134	Structural and molecular changes in the aging choroid: implications for age-related macular degeneration. <i>Eye</i> , 2017 , 31, 10-25	4.4	91
133	Transgenic TBK1 mice have features of normal tension glaucoma. <i>Human Molecular Genetics</i> , 2017 , 26, 124-132	5.6	15
132	cGMP production of patient-specific iPSCs and photoreceptor precursor cells to treat retinal degenerative blindness. <i>Scientific Reports</i> , 2016 , 6, 30742	4.9	76
131	Selective accumulation of the complement membrane attack complex in aging choriocapillaris. <i>Experimental Eye Research</i> , 2016 , 146, 393-397	3.7	38
130	North Carolina Macular Dystrophy Is Caused by Dysregulation of the Retinal Transcription Factor PRDM13. <i>Ophthalmology</i> , 2016 , 123, 9-18	7.3	73
129	Prevascularized silicon membranes for the enhancement of transport to implanted medical devices. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1602-1609	3.5	3
128	Molecular response of chorioretinal endothelial cells to complement injury: implications for macular degeneration. <i>Journal of Pathology</i> , 2016 , 238, 446-56	9.4	40
127	Concise Review: Patient-Specific Stem Cells to Interrogate Inherited Eye Disease. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 132-40	6.9	13
126	Hypomorphic mutations in TRNT1 cause retinitis pigmentosa with erythrocytic microcytosis. <i>Human Molecular Genetics</i> , 2016 , 25, 44-56	5.6	51
125	MMP19 expression in the human optic nerve. <i>Molecular Vision</i> , 2016 , 22, 1429-1436	2.3	3
124	Mouse mutation reveals a mechanism involving mitochondrial dynamics that leads to age-dependent retinal pathologies. <i>ELife</i> , 2016 , 5,	8.9	32
123	A Method for Sectioning and Immunohistochemical Analysis of Stem Cell-Derived 3-D Organoids. <i>Current Protocols in Stem Cell Biology</i> , 2016 , 37, 1C.19.1-1C.19.11	2.8	9
122	Association of reduced Connexin 43 expression with retinal vascular lesions in human diabetic retinopathy. <i>Experimental Eye Research</i> , 2016 , 146, 103-106	3.7	17
121	Retinal neurodegeneration may precede microvascular changes characteristic of diabetic retinopathy in diabetes mellitus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E2655-64	11.5	298
120	Monomeric C-reactive protein and inflammation in age-related macular degeneration. <i>Journal of Pathology</i> , 2016 , 240, 173-83	9.4	34
119	Using Patient-Specific Induced Pluripotent Stem Cells and Wild-Type Mice to Develop a Gene Augmentation-Based Strategy to Treat CLN3-Associated Retinal Degeneration. <i>Human Gene Therapy</i> , 2016 , 27, 835-846	4.8	24
118	West Nile Virus Infection in Human and Mouse Cornea Tissue. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 95, 1185-1191	3.2	3

117	Comparison of drusen and modifying genes in autosomal dominant radial drusen and age-related macular degeneration. <i>Retina</i> , 2015 , 35, 48-57	3.6	27
116	Immunosuppressive Treatment for Retinal Degeneration in Juvenile Neuronal Ceroid Lipofuscinosis (Juvenile Batten Disease). <i>Ophthalmic Genetics</i> , 2015 , 36, 359-64	1.2	14
115	Vitritis in pediatric genetic retinal disorders. <i>Ophthalmology</i> , 2015 , 122, 192-9	7.3	8
114	Patient-specific induced pluripotent stem cells (iPSCs) for the study and treatment of retinal degenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2015 , 44, 15-35	20.5	90
113	Using patient-specific induced pluripotent stem cells to interrogate the pathogenicity of a novel retinal pigment epithelium-specific 65 kDa cryptic splice site mutation and confirm eligibility for enrollment into a clinical gene augmentation trial. <i>Translational Research</i> , 2015 , 166, 740-749.e1	11	22
112	Allogenic iPSC-derived RPE cell transplants induce immune response in pigs: a pilot study. <i>Scientific Reports</i> , 2015 , 5, 11791	4.9	40
111	REFRACTILE DRUSEN: Clinical Imaging and Candidate Histology. <i>Retina</i> , 2015 , 35, 859-65	3.6	38
110	Heterozygous triplication of upstream regulatory sequences leads to dysregulation of matrix metalloproteinase 19 in patients with cavitory optic disc anomaly. <i>Human Mutation</i> , 2015 , 36, 369-78	4.7	8
109	Effect of internal limiting membrane abrasion on retinal tissues in macular holes 2015 , 56, 2783-9		14
108	Generating iPSC-Derived Choroidal Endothelial Cells to Study Age-Related Macular Degeneration 2015 , 56, 8258-67		32
107	Validity of Automated Choroidal Segmentation in SS-OCT and SD-OCT 2015 , 56, 3202-11		60
106	Characterization of Choroidal Layers in Normal Aging Eyes Using Enface Swept-Source Optical Coherence Tomography. <i>PLoS ONE</i> , 2015 , 10, e0133080	3.7	39
105	Regional assessment of energy-producing metabolic activity in the endothelium of donor corneas 2015 , 56, 2803-10		17
104	Comparison of retinal and choriocapillaris thicknesses following sitting to supine transition in healthy individuals and patients with age-related macular degeneration. <i>JAMA Ophthalmology</i> , 2015 , 133, 297-303	3.9	27
103	Complement activation and choriocapillaris loss in early AMD: implications for pathophysiology and therapy. <i>Progress in Retinal and Eye Research</i> , 2015 , 45, 1-29	20.5	128
102	Stem cells as tools for studying the genetics of inherited retinal degenerations. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 5, a017160	5.4	10
101	Gene therapy using stem cells. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 5,	5.4	13
100	CEP290 gene transfer rescues Leber congenital amaurosis cellular phenotype. <i>Gene Therapy</i> , 2014 , 21, 662-72	4	100

99	Mechanical properties of murine and porcine ocular tissues in compression. <i>Experimental Eye Research</i> , 2014 , 121, 194-9	3.7	38
98	Structural and biochemical analyses of choroidal thickness in human donor eyes 2014 , 55, 1352-60		64
97	Loss of CD34 expression in aging human choriocapillaris endothelial cells. <i>PLoS ONE</i> , 2014 , 9, e86538	3.7	17
96	Transcriptomic analysis across nasal, temporal, and macular regions of human neural retina and RPE/choroid by RNA-Seq. <i>Experimental Eye Research</i> , 2014 , 129, 93-106	3.7	76
95	A mutation in the mouse <i>ttc26</i> gene leads to impaired hedgehog signaling. <i>PLoS Genetics</i> , 2014 , 10, e1004689	10.6	19
94	TBK1 and flanking genes in human retina. <i>Ophthalmic Genetics</i> , 2014 , 35, 35-40	1.2	14
93	Cadherin 5 is regulated by corticosteroids and associated with central serous chorioretinopathy. <i>Human Mutation</i> , 2014 , 35, 859-67	4.7	58
92	Fcγ receptor upregulation is associated with immune complex inflammation in the mouse retina and early age-related macular degeneration 2014 , 55, 247-58		28
91	Photoreceptor cells with profound structural deficits can support useful vision in mice 2014 , 55, 1859-66		14
90	Is age-related macular degeneration a microvascular disease?. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 801, 283-9	3.6	16
89	Duplication of TBK1 Stimulates Autophagy in iPSC-derived Retinal Cells from a Patient with Normal Tension Glaucoma. <i>Journal of Stem Cell Research & Therapy</i> , 2014 , 3, 161	1	68
88	Outer segment length in different best disease genotypes. <i>JAMA Ophthalmology</i> , 2014 , 132, 1152-3	3.9	3
87	The membrane attack complex in aging human choriocapillaris: relationship to macular degeneration and choroidal thinning. <i>American Journal of Pathology</i> , 2014 , 184, 3142-53	5.8	134
86	Stem cells for investigation and treatment of inherited retinal disease. <i>Human Molecular Genetics</i> , 2014 , 23, R9-R16	5.6	54
85	Interleukin-17 retinotoxicity is prevented by gene transfer of a soluble interleukin-17 receptor acting as a cytokine blocker: implications for age-related macular degeneration. <i>PLoS ONE</i> , 2014 , 9, e95900	3.7	30
84	Prioritization of retinal disease genes: an integrative approach. <i>Human Mutation</i> , 2013 , 34, 853-9	4.7	6
83	Macular Dystrophies 2013 , 852-890		5
82	Lipofuscin in human glaucomatous optic nerves. <i>Experimental Eye Research</i> , 2013 , 111, 61-6	3.7	9

81	Exon-level expression profiling of ocular tissues. <i>Experimental Eye Research</i> , 2013 , 111, 105-11	3.7	75
80	Non-exomic and synonymous variants in ABCA4 are an important cause of Stargardt disease. <i>Human Molecular Genetics</i> , 2013 , 22, 5136-45	5.6	125
79	Use of a synthetic xeno-free culture substrate for induced pluripotent stem cell induction and retinal differentiation. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 16-24	6.9	80
78	Selection of Phototransduction Genes in Homo sapiens 2013 , 54, 5489-96		
77	Patient-specific iPSC-derived photoreceptor precursor cells as a means to investigate retinitis pigmentosa. <i>ELife</i> , 2013 , 2, e00824	8.9	138
76	Human photoreceptor outer segments shorten during light adaptation 2013 , 54, 3721-8		51
75	Subretinal gene therapy of mice with Bardet-Biedl syndrome type 1 2013 , 54, 6118-32		60
74	Altered gene expression in dry age-related macular degeneration suggests early loss of choroidal endothelial cells. <i>Molecular Vision</i> , 2013 , 19, 2274-97	2.3	41
73	Transcriptome changes in age-related macular degeneration. <i>BMC Medicine</i> , 2012 , 10, 21	11.4	4
72	Autosomal recessive retinitis pigmentosa due to ABCA4 mutations: clinical, pathologic, and molecular characterization 2012 , 53, 1883-94		42
71	Effects of antioxidant components of AREDS vitamins and zinc ions on endothelial cell activation: implications for macular degeneration 2012 , 53, 1041-7		29
70	Time-resolved autofluorescence imaging of human donor retina tissue from donors with significant extramacular drusen 2012 , 53, 3376-86		50
69	Molecular responses of choroidal endothelial cells to elastin derived peptides through the elastin-binding protein (GLB1). <i>Matrix Biology</i> , 2012 , 31, 113-9	11.4	21
68	TUDCA slows retinal degeneration in two different mouse models of retinitis pigmentosa and prevents obesity in Bardet-Biedl syndrome type 1 mice 2012 , 53, 100-6		69
67	Three-dimensional distribution of the vitelliform lesion, photoreceptors, and retinal pigment epithelium in the macula of patients with best vitelliform macular dystrophy. <i>JAMA Ophthalmology</i> , 2012 , 130, 357-64		44
66	Automated segmentation of the choroid from clinical SD-OCT 2012 , 53, 7510-9		109
65	Localization of SH3PXD2B in human eyes and detection of rare variants in patients with anterior segment diseases and glaucoma. <i>Molecular Vision</i> , 2012 , 18, 705-13	2.3	7
64	Elevated membrane attack complex in human choroid with high risk complement factor H genotypes. <i>Experimental Eye Research</i> , 2011 , 93, 565-7	3.7	86

63	Autosomal recessive vitelliform macular dystrophy in a large cohort of vitelliform macular dystrophy patients. <i>Retina</i> , 2011 , 31, 581-95	3.6	60
62	Variations in NPHP5 in patients with nonsyndromic leber congenital amaurosis and Senior-Loken syndrome. <i>JAMA Ophthalmology</i> , 2011 , 129, 81-7		54
61	Seroreactivity against aqueous-soluble and detergent-soluble retinal proteins in posterior uveitis. <i>JAMA Ophthalmology</i> , 2011 , 129, 415-20		15
60	Evaluation of variants in the selectin genes in age-related macular degeneration. <i>BMC Medical Genetics</i> , 2011 , 12, 58	2.1	9
59	T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for Zaire Ebolavirus and Lake Victoria Marburgvirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8426-31	11.5	270
58	Different inner retinal pathways mediate rod-cone input in irradiance detection for the pupillary light reflex and regulation of behavioral state in mice 2011 , 52, 618-23		14
57	Choriocapillaris vascular dropout related to density of drusen in human eyes with early age-related macular degeneration 2011 , 52, 1606-12		266
56	Copy number variations on chromosome 12q14 in patients with normal tension glaucoma. <i>Human Molecular Genetics</i> , 2011 , 20, 2482-94	5.6	163
55	Exome sequencing and analysis of induced pluripotent stem cells identify the cilia-related gene male germ cell-associated kinase (MAK) as a cause of retinitis pigmentosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E569-76	11.5	163
54	Chromosome 7q31 POAG locus: ocular expression of caveolins and lack of association with POAG in a US cohort. <i>Molecular Vision</i> , 2011 , 17, 430-5	2.3	38
53	Angiogenin in age-related macular degeneration. <i>Molecular Vision</i> , 2011 , 17, 576-82	2.3	15
52	Complement component C5a activates ICAM-1 expression on human choroidal endothelial cells 2010 , 51, 5336-42		84
51	Identification and functional analysis of the vision-specific BBS3 (ARL6) long isoform. <i>PLoS Genetics</i> , 2010 , 6, e1000884	6	61
50	Anti-Enolase autoimmune retinopathy manifesting in early childhood. <i>JAMA Ophthalmology</i> , 2010 , 128, 1590-5		7
49	T-cell infiltration in autosomal dominant neovascular inflammatory vitreoretinopathy. <i>Molecular Vision</i> , 2010 , 16, 1034-40	2.3	11
48	Essentials of Retinal Morphology. <i>Neuromethods</i> , 2010 , 1-11	0.4	0
47	Visual impairment in the absence of dystroglycan. <i>Journal of Neuroscience</i> , 2009 , 29, 13136-46	6.6	45
46	Predicting the pathogenicity of RPE65 mutations. <i>Human Mutation</i> , 2009 , 30, 1183-8	4.7	37

45	Macrophages in neovascular age-related macular degeneration: friends or foes?. <i>Eye</i> , 2009 , 23, 747-55	4.4	55
44	Localization of complement 1 inhibitor (C1INH/SERPING1) in human eyes with age-related macular degeneration. <i>Experimental Eye Research</i> , 2009 , 89, 767-73	3.7	21
43	Association between the SERPING1 gene and age-related macular degeneration: a two-stage case-control study. <i>Lancet, The</i> , 2008 , 372, 1828-34	4.0	143
42	Elastin-mediated choroidal endothelial cell migration: possible role in age-related macular degeneration 2008 , 49, 5574-80		26
41	Comparison of the femtosecond laser (IntraLase) versus manual microkeratome (Moria ALTK) in dissection of the donor in endothelial keratoplasty: initial study in eye bank eyes. <i>Cornea</i> , 2008 , 27, 88-93 ¹		67
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