Alex W. Hewitt

List of Publications by Year
in descending order

330	18,063	16437 64	24232 110
papers	citations	h-index	g-index

358	358	358	19708
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Nature Genetics, 2016, 48, 134-143.	9.4	1,167
2	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. Nature Genetics, 2021, 53, 1300-1310.	9.4	590
3	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
4	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318.	9.4	398
5	Genome-wide association study identifies susceptibility loci for open angle glaucoma at TMCO1 and CDKN2B-AS1. Nature Genetics, 2011, 43, 574-578.	9.4	381
6	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. Nature Genetics, 2010, 42, 906-909.	9.4	357
7	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
8	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
9	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163.	9.4	269
10	Genetic influences on handedness: Data from 25,732 Australian and Dutch twin families. Neuropsychologia, 2009, 47, 330-337.	0.7	252
11	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	9.4	239
12	Deep sequencing of uveal melanoma identifies a recurrent mutation in PLCB4. Oncotarget, 2016, 7, 4624-4631.	0.8	235
13	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	9.4	212
14	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. Nature Genetics, 2016, 48, 189-194.	9.4	211
15	A genome-wide association study for myopia and refractive error identifies a susceptibility locus at 15q25. Nature Genetics, 2010, 42, 902-905.	9.4	204
16	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. Nature Communications, 2021, 12, 1258.	5.8	196
17	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. Nature Genetics, 2020, 52, 160-166.	9.4	192
18	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. Nature Genetics, 2014, 46, 1120-1125.	9.4	186

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19	A Systematic Meta-Analysis of Genetic Association Studies for Diabetic Retinopathy. Diabetes, 2009, 58, 2137-2147.	0.3	180
20	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. Nature Genetics, 2020, 52, 401-407.	9.4	180
21	Angiopoietin receptor TEK mutations underlie primary congenital glaucoma with variable expressivity. Journal of Clinical Investigation, 2016, 126, 2575-2587.	3.9	175
22	Single-cell eQTL mapping identifies cell typeâ€“specific genetic control of autoimmune disease. Science, 2022, 376, eabf3041.	6.0	171
23	Common Genetic Determinants of Intraocular Pressure and Primary Open-Angle Glaucoma. PLoS Genetics, 2012, 8, e1002611.	1.5	164
24	Ancestral LOXL1 variants are associated with pseudoexfoliation in Caucasian Australians but with markedly lower penetrance than in Nordic people. Human Molecular Genetics, 2007, 17, 710-716.	1.4	152
25	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. Nature Genetics, 2018, 50, 1067-1071.	9.4	152
26	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	9.4	147
27	The Heritability of Ocular Traits. Survey of Ophthalmology, 2010, 55, 561-583.	1.7	140
28	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	2.6	139
29	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. PLoS Genetics, 2010, 6, e1001184.	1.5	134
30	Central Corneal Thickness Is Highly Heritable: The Twin Eye Studies. , 2005, 46, 3718.		133
31	Genome-wide association identifies ATOH7 as a major gene determining human optic disc size. Human Molecular Genetics, 2010, 19, 2716-2724.	1.4	133
32	PSEN1Î”E9, APPswe, and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. Stem Cell Reports, 2019, 13, 669-683.	2.3	132
33	Common Genetic Variants near the Brittle Cornea Syndrome Locus ZNF469 Influence the Blinding Disease Risk Factor Central Corneal Thickness. PLoS Genetics, 2010, 6, e1000947.	1.5	130
34	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. Human Molecular Genetics, 2017, 26, ddw399.	1.4	120
35	Current state and future prospects of artificial intelligence in ophthalmology: a review. Clinical and Experimental Ophthalmology, 2019, 47, 128-139.	1.3	118
36	AAV-Mediated CRISPR/Cas Gene Editing of Retinal Cells In Vivo. , 2016, 57, 3470.		117

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37	Autosomal Dominant Optic Atrophy: Penetrance and Expressivity in Patients With OPA1 Mutations. American Journal of Ophthalmology, 2007, 143, 656-662.e1.	1.7	116
38	Association of Polymorphisms in the Hepatocyte Growth Factor Gene Promoter with Keratoconus. , 2011, 52, 8514.		114
39	Genetic Dissection of Acute Anterior Uveitis Reveals Similarities and Differences in Associations Observed With Ankylosing Spondylitis. Arthritis and Rheumatology, 2015, 67, 140-151.	2.9	114
40	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	9.4	114
41	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. Human Molecular Genetics, 2018, 27, 1486-1496.	1.4	111
42	Insights into the Genetic Architecture of Early Stage Age-Related Macular Degeneration: A Genome-Wide Association Study Meta-Analysis. PLoS ONE, 2013, 8, e53830.	1.1	108
43	Myocilinallele-specific glaucoma phenotype database. Human Mutation, 2008, 29, 207-211.	1.1	106
44	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	1.4	105
45	Meta-analysis of geneâ€“environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	5.8	104
46	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	9.4	97
47	Enriched retinal ganglion cells derived from human embryonic stem cells. Scientific Reports, 2016, 6, 30552.	1.6	97
48	The Path to Open-Angle Glaucoma Gene Discovery: Endophenotypic Status of Intraocular Pressure, Cup-to-Disc Ratio, and Central Corneal Thickness. , 2010, 51, 3509.		94
49	Meta-analysis of human methylation data for evidence of sex-specific autosomal patterns. BMC Genomics, 2014, 15, 981.	1.2	94
50	Angiopoietin-1 is required for Schlemmâ€™s canal development in mice and humans. Journal of Clinical Investigation, 2017, 127, 4421-4436.	3.9	94
51	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. Nature Communications, 2014, 5, 4883.	5.8	89
52	Drusen in patient-derived hiPSC-RPE models of macular dystrophies. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8214-E8223.	3.3	88
53	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. Nature Communications, 2018, 9, 4774.	5.8	87
54	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. Nature Genetics, 2018, 50, 652-656.	9.4	86

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55	Functional and Structural Implications of the Complement Factor H Y402H Polymorphism Associated with Age-Related Macular Degeneration. , 2008, 49, 1763.		85
56	Myopia Is Associated With Lower Vitamin D Status in Young Adults. , 2014, 55, 4552.		84
57	Myopia in Young Adults Is Inversely Related to an Objective Marker of Ocular Sun Exposure: The Western Australian Raine Cohort Study. American Journal of Ophthalmology, 2014, 158, 1079-1085.e2.	1.7	80
58	Projected Worldwide Disease Burden from Giant Cell Arteritis by 2050. Journal of Rheumatology, 2015, 42, 119-125.	1.0	80
59	The Association between Time Spent Outdoors and Myopia Using a Novel Biomarker of Outdoor Light Exposure. , 2012, 53, 4363.		79
60	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. Human Molecular Genetics, 2015, 24, 2689-2699.	1.4	79
61	A Global Social Media Survey of Attitudes to Human Genome Editing. Cell Stem Cell, 2016, 18, 569-572.	5.2	79
62	Gene therapy for visual loss: Opportunities and concerns. Progress in Retinal and Eye Research, 2019, 68, 31-53.	7.3	78
63	Electrical Stimulation Promotes Cardiac Differentiation of Human Induced Pluripotent Stem Cells. Stem Cells International, 2016, 2016, 1-12.	1.2	77
64	Glaucoma Risk Alleles at CDKN2B-AS1 Are Associated with Lower Intraocular Pressure, Normal-Tension Glaucoma, and Advanced Glaucoma. Ophthalmology, 2012, 119, 1539-1545.	2.5	74
65	Genome-wide association study for sight-threatening diabetic retinopathy reveals association with genetic variation near the GRB2 gene. Diabetologia, 2015, 58, 2288-2297.	2.9	73
66	Prevalence of Keratoconus Based on Scheimpflug Imaging. Ophthalmology, 2021, 128, 515-521.	2.5	73
67	Identification of LOXL1 protein and Apolipoprotein E as components of surgically isolated pseudoexfoliation material by direct mass spectrometry. Experimental Eye Research, 2009, 89, 479-485.	1.2	72
68	Metaâ€analysis of Genomeâ€Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. Genetic Epidemiology, 2015, 39, 207-216.	0.6	72
69	Complex genetics of complex traits: the case of primary open-angle glaucoma. Clinical and Experimental Ophthalmology, 2006, 34, 472-484.	1.3	71
70	Recessive Mutations in SLC38A8 Cause Foveal Hypoplasia and Optic Nerve Misrouting without Albinism. American Journal of Human Genetics, 2013, 93, 1143-1150.	2.6	71
71	How significant is a family history of glaucoma? Experience from the Glaucoma Inheritance Study in Tasmania. Clinical and Experimental Ophthalmology, 2007, 35, 793-799.	1.3	70
72	Apparent autosomal dominant keratoconus in a large Australian pedigree accounted for by digenic inheritance of two novel loci. Human Genetics, 2008, 124, 379-386.	1.8	70

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73	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	5.8	70
74	Copy Number Variations of TBK1 in Australian Patients With Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2015, 159, 124-130.e1.	1.7	68
75	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. Human Genetics, 2012, 131, 1467-1480.	1.8	67
76	Measurement of Systemic Mitochondrial Function in Advanced Primary Open-Angle Glaucoma and Leber Hereditary Optic Neuropathy. PLoS ONE, 2015, 10, e0140919.	1.1	66
77	Using Mendelian randomization to evaluate the causal relationship between serum C-reactive protein levels and age-related macular degeneration. European Journal of Epidemiology, 2020, 35, 139-146.	2.5	66
78	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. Clinical and Experimental Ophthalmology, 2012, 40, 569-575.	1.3	64
79	A comparative analysis of high-throughput platforms for validation of a circulating microRNA signature in diabetic retinopathy. Scientific Reports, 2015, 5, 10375.	1.6	64
80	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. Nature Communications, 2018, 9, 1864.	5.8	63
81	Association of TCF4 and CLU polymorphisms with Fuchsâ€™ endothelial dystrophy and implication of CLU and TGFBI proteins in the disease process. European Journal of Human Genetics, 2012, 20, 632-638.	1.4	61
82	What is the appropriate age cutâ€off for cycloplegia in refraction?. Acta Ophthalmologica, 2014, 92, e458-62.	0.6	61
83	A Glaucoma Case-control Study of the WDR36 Gene D658G Sequence Variant. American Journal of Ophthalmology, 2006, 142, 324-325.	1.7	59
84	Genome-wide meta-analysis identifies novel loci associated with age-related macular degeneration. Journal of Human Genetics, 2020, 65, 657-665.	1.1	59
85	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. Human Molecular Genetics, 2015, 24, 5060-5068.	1.4	58
86	Single cell eQTL analysis identifies cell type-specific genetic control of gene expression in fibroblasts and reprogrammed induced pluripotent stem cells. Genome Biology, 2021, 22, 76.	3.8	58
87	The association between pterygium and conjunctival ultraviolet autofluorescence: The Norfolk Island Eye Study. Acta Ophthalmologica, 2013, 91, 363-370.	0.6	57
88	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. Genetic Epidemiology, 2016, 40, 66-72.	0.6	56
89	Single cell RNA sequencing of stem cell-derived retinal ganglion cells. Scientific Data, 2018, 5, 180013.	2.4	55
90	Genotype-free demultiplexing of pooled single-cell RNA-seq. Genome Biology, 2019, 20, 290.	3.8	55

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91	Mutation inTMEM98in a Large White Kindred With Autosomal Dominant Nanophthalmos Linked to 17p12-q12. JAMA Ophthalmology, 2014, 132, 970.	1.4	54
92	Vitreous biomarkers in diabetic retinopathy: A systematic review and meta-analysis. Journal of Diabetes and Its Complications, 2014, 28, 419-425.	1.2	54
93	Giant cell arteritis: ophthalmic manifestations of a systemic disease. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2291-2306.	1.0	54
94	Mitochondrial replacement in an iPSC model of Leberâ€™s hereditary optic neuropathy. Aging, 2017, 9, 1341-1350.	1.4	54
95	PAX6Mutations May Be Associated with High Myopia. Ophthalmic Genetics, 2007, 28, 179-182.	0.5	53
96	Cardiac Repair With a Novel Population of Mesenchymal Stem Cells Resident in the Human Heart. Stem Cells, 2015, 33, 3100-3113.	1.4	53
97	Methods of Retinal Ganglion Cell Differentiation From Pluripotent Stem Cells. Translational Vision Science and Technology, 2014, 3, 7.	1.1	52
98	Raine Eye Health Study: Design, Methodology and Baseline Prevalence of Ophthalmic Disease in a Birth-cohort Study of Young Adults. Ophthalmic Genetics, 2013, 34, 199-208.	0.5	51
99	Smartphone use in ophthalmology: What is their place in clinical practice?. Survey of Ophthalmology, 2020, 65, 250-262.	1.7	50
100	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. PLoS Genetics, 2021, 17, e1009497.	1.5	50
101	Heritability of Central Corneal Thickness in Nuclear Families. , 2009, 50, 4087.		49
102	Optic disc morphology - Rethinking shape. Progress in Retinal and Eye Research, 2009, 28, 227-248.	7.3	49
103	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. BMC Medical Genetics, 2018, 19, 71.	2.1	49
104	Genetic Dissection of Myopia. Ophthalmology, 2008, 115, 1053-1057.e2.	2.5	48
105	Higher Prevalence of Myocilin Mutations in Advanced Glaucoma in Comparison with Less Advanced Disease in an Australasian Disease Registry. Ophthalmology, 2013, 120, 1135-1143.	2.5	48
106	Genome-Wide Association Shows thatÂPigmentation Genes Play a Role in SkinÂAging. Journal of Investigative Dermatology, 2017, 137, 1887-1894.	0.3	48
107	Automated Cell Culture Systems and Their Applications to Human Pluripotent Stem Cell Studies. SLAS Technology, 2018, 23, 315-325.	1.0	48
108	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. International Journal of Epidemiology, 2017, 46, 1882-1890.	0.9	47

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109	Mitochondrial Oxidative Phosphorylation Compensation May Preserve Vision in Patients with OPA1-Linked Autosomal Dominant Optic Atrophy. PLoS ONE, 2011, 6, e21347.	1.1	47
110	Engineering domain-inlaid SaCas9 adenine base editors with reduced RNA off-targets and increased on-target DNA editing. Nature Communications, 2020, 11, 4871.	5.8	46
111	Rapid inexpensive genome-wide association using pooled whole blood. Genome Research, 2009, 19, 2075-2080.	2.4	45
112	Distribution of astigmatism as a function of age in an Australian population. Acta Ophthalmologica, 2015, 93, e377-85.	0.6	44
113	Development of a Modular Automated System for Maintenance and Differentiation of Adherent Human Pluripotent Stem Cells. SLAS Discovery, 2017, 22, 1016-1025.	1.4	44
114	Classification of iris colour: review and refinement of a classification schema. Clinical and Experimental Ophthalmology, 2011, 39, 462-471.	1.3	43
115	Reliability and validity of conjunctival ultraviolet autofluorescence measurement. British Journal of Ophthalmology, 2012, 96, 801-805.	2.1	43
116	Glaucoma spectrum and age-related prevalence of individuals with FOXC1 and PITX2 variants. European Journal of Human Genetics, 2017, 25, 839-847.	1.4	43
117	Elevation of Serum Asymmetrical and Symmetrical Dimethylarginine in Patients with Advanced Glaucoma. , 2012, 53, 1923.		42
118	Hypomethylation of the IL17RC Promoter in Peripheral Blood Leukocytes Is Not A Hallmark of Age-Related Macular Degeneration. Cell Reports, 2013, 5, 1527-1535.	2.9	42
119	Association of Genetic Variants with Primary Angle Closure Glaucoma in Two Different Populations. PLoS ONE, 2013, 8, e67903.	1.1	42
120	Genome engineering in ophthalmology: Application of CRISPR/Cas to the treatment of eye disease. Progress in Retinal and Eye Research, 2016, 53, 1-20.	7.3	42
121	Study of mitochondrial respiratory defects on reprogramming to human induced pluripotent stem cells. Aging, 2016, 8, 945-957.	1.4	42
122	Disease Severity of Familial Glaucoma Compared With Sporadic Glaucoma. JAMA Ophthalmology, 2006, 124, 950.	2.6	41
123	Retinal microvessels reflect familial vulnerability to psychotic symptoms: A comparison of twins discordant for psychotic symptoms and controls. Schizophrenia Research, 2015, 164, 47-52.	1.1	41
124	Culture Variabilities of Human iPSC-Derived Cerebral Organoids Are a Major Issue for the Modelling of Phenotypes Observed in Alzheimerâ€™s Disease. Stem Cell Reviews and Reports, 2022, 18, 718-731.	1.7	40
125	TIMP1, TIMP2, and TIMP4 are increased in aqueous humor from primary open angle glaucoma patients. Molecular Vision, 2015, 21, 1162-72.	1.1	40
126	Effect of Birth Parameters on Retinal Vascular Caliber. Hypertension, 2009, 53, 487-493.	1.3	39

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127	Automated AI labeling of optic nerve head enables insights into cross-ancestry glaucoma risk and genetic discovery in >280,000 images from UKB and CLSA. American Journal of Human Genetics, 2021, 108, 1204-1216.	2.6	39
128	Quantitative Genetic Analysis of the Retinal Vascular Caliber. Hypertension, 2009, 54, 788-795.	1.3	38
129	Optic Disc Evaluation in Optic Neuropathies. Ophthalmology, 2011, 118, 964-970.	2.5	38
130	Association of Genetic Variants in theTMCO1Gene with Clinical Parameters Related to Glaucoma and Characterization of the Protein in the Eye. , 2012, 53, 4917.		38
131	Establishment and evolution of the <scp>A</scp>ustralian <scp>I</scp>nherited <scp>R</scp>etinal <scp>D</scp>isease <scp>R</scp>egister and <scp>DNA B</scp>ank. Clinical and Experimental Ophthalmology, 2013, 41, 476-483.	1.3	37
132	Pterygium and conjunctival ultraviolet autofluorescence in young <scp>A</scp>ustralian adults: the <scp>R</scp>aine study. Clinical and Experimental Ophthalmology, 2015, 43, 300-307.	1.3	37
133	An Interactive Multimedia Approach to Improving Informed Consent for Induced Pluripotent Stem Cell Research. Cell Stem Cell, 2016, 18, 307-308.	5.2	37
134	A COL17A1 Splice-Altering Mutation Is Prevalent in Inherited Recurrent Corneal Erosions. Ophthalmology, 2016, 123, 709-722.	2.5	37
135	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. Ophthalmology, 2020, 127, 901-907.	2.5	37
136	Comparative performance of the BGI and Illumina sequencing technology for single-cell RNA-sequencing. NAR Genomics and Bioinformatics, 2020, 2, lqaa034.	1.5	37
137	Twins Eye Study in Tasmania (TEST): Rationale and Methodology to Recruit and Examine Twins. Twin Research and Human Genetics, 2009, 12, 441-454.	0.3	36
138	Novel quantitative trait loci for central corneal thickness identified by candidate gene analysis of osteogenesis imperfecta genes. Human Genetics, 2010, 127, 33-44.	1.8	36
139	Drug discovery using induced pluripotent stem cell models of neurodegenerative and ocular diseases. , 2017, 177, 32-43.		36
140	Corneal Stiffness Parameters Are Predictive of Structural and Functional Progression in Glaucoma Suspect Eyes. Ophthalmology, 2021, 128, 993-1004.	2.5	36
141	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. Science Advances, 2021, 7, .	4.7	36
142	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. Communications Biology, 2021, 4, 266.	2.0	36
143	Genetic Variants nearPDGFRAAre Associated with Corneal Curvature in Australians. , 2012, 53, 7131.		34
144	Association of Genetic Variation With Keratoconus. JAMA Ophthalmology, 2020, 138, 174.	1.4	34

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145	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. Scientific Reports, 2021, 11, 6337.	1.6	34
146	A genetic variant regulating miR-126 is associated with sight threatening diabetic retinopathy. Diabetes and Vascular Disease Research, 2015, 12, 133-138.	0.9	33
147	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	1.6	33
148	A Need for Better Understanding Is the Major Determinant for Public Perceptions of Human Gene Editing. Human Gene Therapy, 2019, 30, 36-43.	1.4	33
149	Prevalence ofFOXC1Variants in Individuals With a Suspected Diagnosis of Primary Congenital Glaucoma. JAMA Ophthalmology, 2019, 137, 348.	1.4	33
150	Biallelic CPAMD8 Variants Are a Frequent Cause of Childhood and Juvenile Open-Angle Glaucoma. Ophthalmology, 2020, 127, 758-766.	2.5	33
151	Macular Ganglion Cellâ€“Inner Plexiform Layer Loss Precedes Peripapillary Retinal Nerve Fiber Layer Loss in Glaucoma with Lower Intraocular Pressure. Ophthalmology, 2019, 126, 1119-1130.	2.5	32
152	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. JAMA Ophthalmology, 2019, 137, 28.	1.4	32
153	Identification of a Candidate Gene for Astigmatism. , 2013, 54, 1260.		31
154	Multiallelic copy number variation in the complement component 4A (C4A) gene is associated with late-stage age-related macular degeneration (AMD). Journal of Neuroinflammation, 2016, 13, 81.	3.1	31
155	Association ofeNOSPolymorphisms with Primary Angle-Closure Glaucoma. , 2013, 54, 2108.		30
156	Genetic and Environmental Factors in Conjunctival UV Autofluorescence. JAMA Ophthalmology, 2015, 133, 406.	1.4	30
157	Associations Between Depression and Anxiety Symptoms and Retinal Vessel Caliber in Adolescents and Young Adults. Psychosomatic Medicine, 2014, 76, 732-738.	1.3	29
158	Risk Alleles Associated with Neovascularization in a Pachychoroid Phenotype. Ophthalmology, 2016, 123, 2628-2630.	2.5	29
159	Defined Medium Conditions for the Induction and Expansion of Human Pluripotent Stem Cell-Derived Retinal Pigment Epithelium. Stem Cell Reviews and Reports, 2016, 12, 179-188.	5.6	29
160	Approach for in vivo delivery of CRISPR/Cas system: a recent update and future prospect. Cellular and Molecular Life Sciences, 2021, 78, 2683-2708.	2.4	29
161	Friedreichâ€™s ataxia induced pluripotent stem cell-derived cardiomyocytes display electrophysiological abnormalities and calcium handling deficiency. Aging, 2017, 9, 1440-1452.	1.4	29
162	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. IScience, 2018, 7, 30-39.	1.9	28

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163	Genotypic and phenotypic spectrum of X-linked retinoschisis in Australia. Clinical and Experimental Ophthalmology, 2005, 33, 233-239.	1.3	27
164	Genetic Investigation into the Endophenotypic Status of Central Corneal Thickness and Optic Disc Parameters in Relation to Open-Angle Glaucoma. American Journal of Ophthalmology, 2012, 154, 833-842.e2.	1.7	27
165	Genetic Loci for Retinal Arteriolar Microcirculation. PLoS ONE, 2013, 8, e65804.	1.1	27
166	Role of lysophosphatidic acid in the retinal pigment epithelium and photoreceptors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 750-761.	1.2	27
167	A Simple Differentiation Protocol for Generation of Induced Pluripotent Stem Cell-Derived Basal Forebrain-Like Cholinergic Neurons for Alzheimerâ€™s Disease and Frontotemporal Dementia Disease Modeling. Cells, 2020, 9, 2018.	1.8	27
168	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. Ophthalmology, 2021, 128, 1300-1311.	2.5	27
169	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma. , 2016, 57, 3416.		26
170	Establishing risk of vision loss in Leber hereditary optic neuropathy. American Journal of Human Genetics, 2021, 108, 2159-2170.	2.6	26
171	Associations of Birth Weight With Ocular Biometry, Refraction, and Glaucomatous Endophenotypes: The Australian Twins Eye Study. American Journal of Ophthalmology, 2010, 150, 909-916.e3.	1.7	25
172	The p53 Codon 72 PRO/PRO Genotype May Be Associated with Initial Central Visual Field Defects in Caucasians with Primary Open Angle Glaucoma. PLoS ONE, 2012, 7, e45613.	1.1	25
173	Biological effect of LOXL1 coding variants associated with pseudoexfoliation syndrome. Experimental Eye Research, 2016, 146, 212-223.	1.2	25
174	Myocilin Predictive Genetic Testing for Primary Open-Angle Glaucoma Leads to Early Identification of At-Risk Individuals. Ophthalmology, 2017, 124, 303-309.	2.5	25
175	Transcriptomic Profiling of Human Pluripotent Stem Cell-derived Retinal Pigment Epithelium over Time. Genomics, Proteomics and Bioinformatics, 2021, 19, 223-242.	3.0	25
176	Choroidal Thickness in Young Adults and its Association with Visual Acuity. American Journal of Ophthalmology, 2020, 214, 40-51.	1.7	25
177	The effects of eight serum lipid biomarkers on age-related macular degeneration risk: a Mendelian randomization study. International Journal of Epidemiology, 2021, 50, 325-336.	0.9	25
178	Heritability of Strabismus: Genetic Influence Is Specific to Eso-Deviation and Independent of Refractive Error. Twin Research and Human Genetics, 2012, 15, 624-630.	0.3	24
179	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. Human Genetics, 2015, 134, 131-146.	1.8	24
180	TGC repeat expansion in the TCF4 gene increases the risk of Fuchsâ€™ endothelial corneal dystrophy in Australian cases. PLoS ONE, 2017, 12, e0183719.	1.1	24

#	Article	IF	Citations
181	The current state of stem cell therapy for ocular disease. Experimental Eye Research, 2018, 177, 65-75.	1.2	24
182	Cardiovascular Disease Predicts Structural and Functional Progression in Early Glaucoma. Ophthalmology, 2021, 128, 58-69.	2.5	24
183	Relationship between corneal thickness and optic disc damage in glaucoma. Clinical and Experimental Ophthalmology, 2005, 33, 158-163.	1.3	23
184	Associations between Optic Disc Measures and Obstructive Sleep Apnea in Young Adults. Ophthalmology, 2019, 126, 1372-1384.	2.5	23
185	Association of Myopia and Intraocular Pressure With Retinal Detachment in European Descent Participants of the UK Biobank Cohort. JAMA Ophthalmology, 2020, 138, 671.	1.4	23
186	A drug-tunable Flt23k gene therapy for controlled intervention in retinal neovascularization. Angiogenesis, 2021, 24, 97-110.	3.7	23
187	Heritable Features of the Optic Disc: A Novel Twin Method for Determining Genetic Significance. , 2007, 48, 2469.		22
188	Genetic Isolates in Ophthalmic Diseases. Ophthalmic Genetics, 2008, 29, 149-161.	0.5	22
189	Heritability of the Iridotrabecular Angle Width Measured by Optical Coherence Tomography in Chinese Children: The Guangzhou Twin Eye Study. , 2008, 49, 1356.		22
190	Genome-Wide Association Study of Retinopathy in Individuals without Diabetes. PLoS ONE, 2013, 8, e54232.	1.1	22
191	Replication of Genetic Loci Implicated in Diabetic Retinopathy. , 2014, 55, 1666.		22
192	Genome-wide association study success in ophthalmology. Current Opinion in Ophthalmology, 2014, 25, 386-393.	1.3	22
193	Human fibroblast and stem cell resource from the Dominantly Inherited Alzheimer Network. Alzheimer's Research and Therapy, 2018, 10, 69.	3.0	22
194	Utility of Self-Destructing CRISPR/Cas Constructs for Targeted Gene Editing in the Retina. Human Gene Therapy, 2019, 30, 1349-1360.	1.4	22
195	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. Communications Biology, 2020, 3, 133.	2.0	22
196	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	1.4	22
197	Occurrence ofCYP1B1Mutations in Juvenile Open-Angle Glaucoma With Advanced Visual Field Loss. JAMA Ophthalmology, 2015, 133, 826.	1.4	21
198	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. Scientific Reports, 2016, 6, 26885.	1.6	21

#	Article	IF	Citations
199	Potentials of Cellular Reprogramming as a Novel Strategy for Neuroregeneration. Frontiers in Cellular Neuroscience, 2018, 12, 460.	1.8	21
200	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21
201	Common Sequence Variation in the VEGFC Gene Is Associated with Diabetic Retinopathy and Diabetic Macular Edema. Ophthalmology, 2015, 122, 1828-1836.	2.5	20
202	Participant understanding and recall of informed consent for induced pluripotent stem cell biobanking. Cell and Tissue Banking, 2016, 17, 449-456.	0.5	20
203	High-Throughput Genetic Screening of 51 Pediatric Cataract Genes Identifies Causative Mutations in Inherited Pediatric Cataract in South Eastern Australia. G3: Genes, Genomes, Genetics, 2017, 7, 3257-3268.	0.8	20
204	Mitochondrial DNA Variation and Disease Susceptibility in Primary Open-Angle Glaucoma. , 2018, 59, 4598.		20
205	Ethnic and Mouse Strain Differences in Central Corneal Thickness and Association with Pigmentation Phenotype. PLoS ONE, 2011, 6, e22103.	1.1	19
206	Genome-wide association analysis of 95â€‰549 individuals identifies novel loci and genes influencing optic disc morphology. Human Molecular Genetics, 2019, 28, 3680-3690.	1.4	19
207	Comparison of CRISPR/Cas Endonucleases for in vivo Retinal Gene Editing. Frontiers in Cellular Neuroscience, 2020, 14, 570917.	1.8	19
208	The optic nerve head in hereditary optic neuropathies. Nature Reviews Neurology, 2009, 5, 277-287.	4.9	18
209	Geo-epidemiology of temporal artery biopsy-positive giant cell arteritis in Australia and New Zealand: is there a seasonal influence?. RMD Open, 2017, 3, e000531.	1.8	18
210	A Myocilin Gln368STOP Homozygote Does Not Exhibit a More Severe Glaucoma Phenotype Than Heterozygous Cases. American Journal of Ophthalmology, 2006, 141, 402-403.	1.7	17
211	Accurate Imputation-Based Screening of Gln368Ter Myocilin Variant in Primary Open-Angle Glaucoma. , 2015, 56, 5087.		17
212	Heterogeneity of Human Research Ethics Committees and Research Governance Offices across Australia: An observational study. Australasian Medical Journal, 2016, 9, 33-39.	0.1	17
213	DNA methylation landscape of ocular tissue relative to matched peripheral blood. Scientific Reports, 2017, 7, 46330.	1.6	17
214	Key challenges in bringing CRISPR-mediated somatic cell therapy into the clinic. Genome Medicine, 2017, 9, 85.	3.6	17
215	The Optic Nerve Head inMyocilinGlaucoma. , 2007, 48, 238.		16
216	Ophthalmic Phenotypes and the Representativeness of Twin Data for the General Population. , 2011, 52, 5565.		16

#	Article	IF	Citations
217	Translating the <scp>ENC</scp>yclopedia Of <scp>DNA E</scp>lements <scp>P</scp>roject findings to the clinic: <scp>ENCODE</scp>'s implications for eye disease. Clinical and Experimental Ophthalmology, 2014, 42, 78-83.	1.3	16
218	Influence of photodynamic therapy for age related macular degeneration upon subjective vision related quality of life. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 972-977.	1.0	15
219	A geometric morphometric assessment of the optic cup in glaucoma. Experimental Eye Research, 2010, 91, 405-414.	1.2	15
220	Rationale, methods and baseline demographics of the Bhaktapur Glaucoma Study. Clinical and Experimental Ophthalmology, 2011, 39, 126-134.	1.3	15
221	Early Anesthesia Exposure and the Effect on Visual Acuity, Refractive Error, and Retinal Nerve Fiber Layer Thickness of Young Adults. Journal of Pediatrics, 2016, 169, 256-259.e1.	0.9	15
222	Longitudinal expression profiling of CD4+ and CD8+ cells in patients with active to quiescent giant cell arteritis. BMC Medical Genomics, 2018, 11, 61.	0.7	15
223	Predicting the Future of Genetic Risk Profiling of Glaucoma. JAMA Ophthalmology, 2021, 139, 224.	1.4	15
224	Association of Monogenic and Polygenic Risk With the Prevalence of Open-Angle Glaucoma. JAMA Ophthalmology, 2021, 139, 1023.	1.4	15
225	Prevalence and predictors of refractive error in a genetically isolated population: the Norfolk Island Eye Study. Clinical and Experimental Ophthalmology, 2011, 39, 734-742.	1.3	14
226	Genetic study of diabetic retinopathy: recruitment methodology and analysis of baseline characteristics. Clinical and Experimental Ophthalmology, 2014, 42, 486-493.	1.3	14
227	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
228	Myocilin Gly252Arg Mutation and Glaucoma of Intermediate Severity in Caucasian Individuals. JAMA Ophthalmology, 2007, 125, 98.	2.6	13
229	The use of heterochromatic flicker photometry to determine macular pigment optical density in a healthy Australian population. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 417-421.	1.0	13
230	Comparison of monochromatic aberrations in young adults with different visual acuity and refractive errors. Journal of Cataract and Refractive Surgery, 2014, 40, 441-449.	0.7	13
231	Current Understanding of the Genetic Architecture of Rhegmatogenous Retinal Detachment. Ophthalmic Genetics, 2016, 37, 121-129.	0.5	13
232	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma. , 2017, 58, 1537.		13
233	DNA methylation at the 9p21 glaucoma susceptibility locus is associated with normal-tension glaucoma. Ophthalmic Genetics, 2018, 39, 221-227.	0.5	13
234	A Simple Cloning-free Method to Efficiently Induce Gene Expression Using CRISPR/Cas9. Molecular Therapy - Nucleic Acids, 2019, 14, 184-191.	2.3	13

#	Article	IF	Citations
235	Influence of prenatal environment and birth parameters on amblyopia, strabismus, and anisometropia. Journal of AAPOS, 2020, 24, 74.e1-74.e7.	0.2	13
236	Comparative analysis of loop-mediated isothermal amplification (LAMP)-based assays for rapid detection of SARS-CoV-2 genes. Scientific Reports, 2021, 11, 22493.	1.6	13
237	Copy Number Variation at Chromosome 5q21.2 Is Associated With Intraocular Pressure. , 2013, 54, 3607.		12
238	Current landscape of directâ€toâ€consumer genetic testing and its role in ophthalmology: a review. Clinical and Experimental Ophthalmology, 2015, 43, 578-590.	1.3	12
239	Swimming goggle wear is not associated with an increased prevalence of glaucoma. British Journal of Ophthalmology, 2015, 99, 255-257.	2.1	12
240	Methods for In Vivo CRISPR/Cas Editing of the Adult Murine Retina. Methods in Molecular Biology, 2018, 1715, 113-133.	0.4	12
241	Human pluripotent stem cells for the modelling of diseases of the retina and optic nerve: toward a retina in a dish. Current Opinion in Pharmacology, 2019, 48, 114-119.	1.7	12
242	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. American Journal of Ophthalmology, 2019, 206, 245-255.	1.7	12
243	Visual outcomes for remote Australian Aboriginal people after cataract surgery. Clinical and Experimental Ophthalmology, 2001, 29, 68-74.	1.3	11
244	Automated volumetric evaluation of stereoscopic disc photography. Optics Express, 2010, 18, 11347.	1.7	11
245	The Norfolk Island Eye Study (NIES): Rationale, Methodology and Distribution of Ocular Biometry (Biometry of the Bounty). Twin Research and Human Genetics, 2011, 14, 42-52.	0.3	11
246	A Polygenic Risk Score Predicts Intraocular Pressure Readings Outside Office Hours andÂEarly Morning Spikes as Measured by HomeÂTonometry. Ophthalmology Glaucoma, 2021, 4, 411-420.	0.9	11
247	Plurality in multi-disciplinary research: multiple institutional affiliations are associated with increased citations. PeerJ, 2018, 6, e5664.	0.9	11
248	Systemic disease associations of familial and sporadic glaucoma: the Glaucoma Inheritance Study in Tasmania. Acta Ophthalmologica, 2010, 88, 70-74.	0.6	10
249	Missing X and Y: a review of participant ages in populationâ€based eye studies. Clinical and Experimental Ophthalmology, 2012, 40, 305-319.	1.3	10
250	Benchmarking Undedicated Cloud Computing Providers for Analysis of Genomic Datasets. PLoS ONE, 2014, 9, e108490.	1.1	10
251	Retinal genes are differentially expressed in areas of primary versus secondary degeneration following partial optic nerve injury. PLoS ONE, 2018, 13, e0192348.	1.1	10
252	Investigation of founder effects for the Thr377Met Myocilin mutation in glaucoma families from differing ethnic backgrounds. Molecular Vision, 2007, 13, 487-92.	1.1	10

#	Article	IF	Citations
253	Tag SNPs detect association of the CYP1B1 gene with primary open angle glaucoma. Molecular Vision, 2010, 16, 2286-93.	1.1	10
254	Attitudes Towards Polygenic Risk Testing in Individuals with Glaucoma. Ophthalmology Glaucoma, 2022, 5, 436-446.	0.9	10
255	Combinatorial Approach of Binary Colloidal Crystals and CRISPR Activation to Improve Induced Pluripotent Stem Cell Differentiation into Neurons. ACS Applied Materials & Interfaces, 2022, 14, 8669-8679.	4.0	10
256	Prevalence of Chronic Ocular Diseases in a Genetic Isolate: The Norfolk Island Eye Study (NIES). Ophthalmic Epidemiology, 2011, 18, 61-71.	0.8	9
257	Ethical Considerations for the Return of Incidental Findings in Ophthalmic Genomic Research. Translational Vision Science and Technology, 2016, 5, 3.	1.1	9
258	Retinal ganglion cell-specific genetic regulation in primary open-angle glaucoma. Cell Genomics, 2022, 2, 100142.	3.0	9
259	Posterior capsule opacification after cataract surgery in remote Australian Aboriginal patients. Clinical and Experimental Ophthalmology, 2002, 30, 248-251.	1.3	8
260	Automated Quantification of Inherited Phenotypes from Color Images: A Twin Study of the Variability of Optic Nerve Head Shape. , 2010, 51, 5870.		8
261	Role of the TCF4 Gene Intronic Variant in Normal Variation of Corneal Endothelium. Cornea, 2012, 31, 162-166.	0.9	8
262	Whole exome sequencing implicates eye development, the unfolded protein response and plasma membrane homeostasis in primary open-angle glaucoma. PLoS ONE, 2017, 12, e0172427.	1.1	8
263	Clinical and molecular characterization of females affected by <scp>X</scp>â€linked retinoschisis. Clinical and Experimental Ophthalmology, 2015, 43, 643-647.	1.3	7
264	Orbital Air Embolism After Intravenous Injection. Journal of Neuro-Ophthalmology, 2018, 38, 486-487.	0.4	7
265	Use of CRISPR/Cas ribonucleoproteins for high throughput gene editing of induced pluripotent stem cells. Methods, 2021, 194, 18-29.	1.9	7
266	Interrogation of the platelet-derived growth factor receptor alpha locus and corneal astigmatism in Australians of Northern European ancestry: results of a genome-wide association study. Molecular Vision, 2013, 19, 1238-46.	1.1	7
267	A Geometric Morphometric Assessment of Hand Shape and Comparison to the 2D:4D Digit Ratio as a Marker of Sexual Dimorphism. Twin Research and Human Genetics, 2013, 16, 590-600.	0.3	6
268	The Ark: a customizable web-based data management tool for health and medical research. Bioinformatics, 2017, 33, 624-626.	1.8	6
269	Effect of phacoemulsification cataract surgery on intraocular pressure in early glaucoma: A prospective multiâ€site study. Clinical and Experimental Ophthalmology, 2020, 48, 442-449.	1.3	6
270	Screening for Glaucomatous Disc Changes Prior to Diagnosis of Glaucoma in Myocilin Pedigrees. JAMA Ophthalmology, 2007, 125, 112.	2.6	5

#	Article	IF	Citations
271	Sensitivity of confocal laser tomography versus optical coherence tomography in detecting advanced glaucoma. Clinical and Experimental Ophthalmology, 2009, 37, 836-841.	1.3	5
272	OXPHOS bioenergetic compensation does not explain disease penetrance in Leber hereditary optic neuropathy. Mitochondrion, 2020, 54, 113-121.	1.6	5
273	Rationale and protocol for the 7- and 8-year longitudinal assessments of eye health in a cohort of young adults in the Raine Study. BMJ Open, 2020, 10, e033440.	0.8	5
274	Screening of CRISPR/Cas base editors to target the AMD high-risk Y402H complement factor H variant. Molecular Vision, 2019, 25, 174-182.	1.1	5
275	Identifying Genetic Biomarkers Predicting Response to Anti-Vascular Endothelial Growth Factor Injections in Diabetic Macular Edema. International Journal of Molecular Sciences, 2022, 23, 4042.	1.8	5
276	Association of Novel Loci With Keratoconus Susceptibility in a Multitrait Genome-Wide Association Study of the UK Biobank Database and Canadian Longitudinal Study on Aging. JAMA Ophthalmology, 2022, 140, 568.	1.4	5
277	Primary open angle glaucoma in subjects harbouring the predicted GLC1L haplotype reveals a normotensive phenotype. Clinical and Experimental Ophthalmology, 2009, 37, 201-207.	1.3	4
278	Epigenetic effects on eye diseases. Expert Review of Ophthalmology, 2012, 7, 127-134.	0.3	4
279	Influence of weather conditions on ophthalmic emergency presentations. Clinical and Experimental Ophthalmology, 2012, 40, 322-323.	1.3	4
280	Profile of ocular trauma in the Solomon Islands. Clinical and Experimental Ophthalmology, 2014, 42, 440-446.	1.3	4
281	Review of null hypothesis significance testing in the ophthalmic literature: are most â€˜significantâ€™ P values false positives?. Clinical and Experimental Ophthalmology, 2016, 44, 52-61.	1.3	4
282	The VEGF Treatment of AMD Switch Study (The vTAS Study). Asia-Pacific Journal of Ophthalmology, 2017, 6, 481-487.	1.3	4
283	The Relationship Between Optic Disc Parameters and Female Reproductive Factors in Young Women. Asia-Pacific Journal of Ophthalmology, 2019, 8, 224-228.	1.3	4
284	Do Levels of Stress Markers Influence the Retinal Nerve Fiber Layer Thickness in Young Adults?. Journal of Glaucoma, 2020, 29, 587-592.	0.8	4
285	Generation of MNZTASi001-A, a human pluripotent stem cell line from a person with primary progressive multiple sclerosis. Stem Cell Research, 2021, 57, 102568.	0.3	4
286	Registered report: Melanoma genome sequencing reveals frequent PREX2 mutations. ELife, 2014, 3, .	2.8	4
287	The APOE E4 Allele Is Associated with FasterÂRates of Neuroretinal Thinning in a Prospective Cohort Study of Suspect and Early Glaucoma. Ophthalmology Science, 2022, 2, 100159.	1.0	4
288	AAV2-mediated gene therapy for Bietti crystalline dystrophy provides functional CYP4V2 in multiple relevant cell models. Scientific Reports, 2022, 12, .	1.6	4

#	Article	IF	Citations
289	Familial Transmission Risk of Infantile Glaucoma in Australia. Ophthalmic Genetics, 2006, 27, 93-97.	0.5	3
290	Generation of a human induced pluripotent stem cell line CERAi001-A-6 using episomal vectors. Stem Cell Research, 2017, 22, 13-15.	0.3	3
291	Uteroglobin and FLRG concentrations in aqueous humor are associated with age in primary open angle glaucoma patients. BMC Ophthalmology, 2018, 18, 57.	0.6	3
292	Crowd-sourced Ontology for Photoleukocoria: Identifying Common Internet Search Terms for a Potentially Important Pediatric Ophthalmic Sign. Translational Vision Science and Technology, 2018, 7, 18.	1.1	3
293	Improving parents' knowledge of early signs of paediatric eye disease: A doubleâ€blind randomized controlled trial. Clinical and Experimental Ophthalmology, 2020, 48, 1250-1260.	1.3	3
294	Comparing vision and macular thickness in neovascular age-related macular degeneration, diabetic macular oedema and retinal vein occlusion patients treated with intravitreal antivascular endothelial growth factor injections in clinical practice. BMJ Open Ophthalmology, 2021, 6, e000749.	0.8	3
295	Change in the prevalence of myopia in Australian middleâ€aged adults across 20â€‰years. Clinical and Experimental Ophthalmology, 2021, 49, 1039-1047.	1.3	3
296	In Utero Exposure to Smoking and Alcohol, and Passive Smoking during Childhood: Effect on the Retinal Nerve Fibre Layer in Young Adulthood. Ophthalmic Epidemiology, 2022, 29, 507-514.	0.8	3
297	Image-Based Quantitation of Kainic Acid-Induced Excitotoxicity as a Model of Neurodegeneration in Human iPSC-Derived Neurons. Methods in Molecular Biology, 2021, , 1.	0.4	3
298	CRISPR/Cas-Mediated Knock-in of Genetically Encoded Fluorescent Biosensors into the AAVS1 Locus of Human-Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2021, , 1.	0.4	3
299	An Integrative Multi-Omics Analysis Reveals MicroRNA-143 as Potential Therapeutics to Attenuate Retinal Angiogenesis. Nucleic Acid Therapeutics, 2022, , .	2.0	3
300	The pathogenesis of the glaucomas: nature versus nurture. Clinical and Experimental Ophthalmology, 2008, 36, 297-297.	1.3	2
301	Don't it make your brown eyes blue? A comparison of iris colour across latitude in Australian twins. Australasian journal of optometry, The, 2015, 98, 172-176.	0.6	2
302	Mitochondrial haplogroups are not associated with diabetic retinopathy in a large Australian and British Caucasian sample. Scientific Reports, 2019, 9, 612.	1.6	2
303	Seeing the impact of the Glaucoma Inheritance Study in Tasmania after 25â€‰years. Clinical and Experimental Ophthalmology, 2019, 47, 677-679.	1.3	2
304	Vision impairment and refractive errors in refugees presenting to community optometry clinics in Victoria, Australia. Australasian journal of optometry, The, 2020, 103, 668-674.	0.6	2
305	Myopia and skin cancer are inversely correlated: results of the Busselton Healthy Ageing Study. Medical Journal of Australia, 2014, 200, 521-522.	0.8	2
306	The effect of insulin on response to intravitreal anti-VEGF injection in diabetic macular edema in type 2 diabetes mellitus. BMC Ophthalmology, 2022, 22, 94.	0.6	2

#	Article	IF	Citations
307	The Relationship Between Fetal Growth and Retinal Nerve Fiber Layer Thickness in a Cohort of Young Adults. Translational Vision Science and Technology, 2022, 11, 8.	1.1	2
308	Correspondence. Tools for cup:disc ratio measurement. Clinical and Experimental Ophthalmology, 2006, 34, 288-289.	1.3	1
309	Explosion of ophthalmic collaborative research networks in Australia. Clinical and Experimental Ophthalmology, 2012, 41, n/a-n/a.	1.3	1
310	Keep PubMed running at all costs. Nature, 2013, 502, 303-303.	13.7	1
311	Screening phenotypically normal <scp>C</scp>aucasian <scp>A</scp>ustralians for the lysyl oxidaseâ€like 1 gene. Clinical and Experimental Ophthalmology, 2015, 43, 189-190.	1.3	1
312	The Importance of Conditional Probability in Diagnostic Reasoning and Clinical Decision Making: A Primer for the Eye Care Practitioner. Ophthalmic Epidemiology, 2017, 24, 81-89.	0.8	1
313	Screening for Diabetic Eye Disease among Samoan Adults: A Pilot Study. Ophthalmology and Therapy, 2017, 6, 187-194.	1.0	1
314	Expression QTL analysis of glaucoma endophenotypes in the Norfolk Island isolate provides evidence that immune-related genes are associated with optic disc size. Journal of Human Genetics, 2018, 63, 83-87.	1.1	1
315	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. Scientific Reports, 2020, 10, 12485.	1.6	1
316	Physical Activity and Cardiovascular Fitness During Childhood and Adolescence: Association With Retinal Nerve Fibre Layer Thickness in Young Adulthood. Journal of Glaucoma, 2021, 30, 813-819.	0.8	1
317	Approaches for the sensitive detection of rare base and prime editing events. Methods, 2021, 194, 75-82.	1.9	1
318	The Immortal Life of Ethics? The Alienation of Body Tissue, Ethics and the Informed Consent Procedure Within Induced Pluripotent Stem Cell Research. , 2017, , 61-87.		1
319	Genome-wide linkage and association analysis of primary open-angle glaucoma endophenotypes in the Norfolk Island isolate. Molecular Vision, 2017, 23, 660-665.	1.1	1
320	Genetic Risk of Cardiovascular Disease Is Associated with Macular Ganglion Cellâ€“Inner Plexiform Layer Thinning in an Early Glaucoma Cohort. Ophthalmology Science, 2022, 2, 100108.	1.0	1
321	A Taxonomic and Phylogenetic Classification of Diverse Base Editors. CRISPR Journal, 2022, , .	1.4	1
322	Nosology and the glaucomas.. Clinical and Experimental Ophthalmology, 2006, 34, 94-94.	1.3	0
323	Genetic diseases of the optic nerve head: from embryogenesis to pathogenesis. Expert Review of Ophthalmology, 2007, 2, 769-777.	0.3	0
324	Response to Birth Factors and Retinal Vascular Caliber in a Twin Study. Hypertension, 2009, 53, .	1.3	0

#	Article	IF	Citations
325	Google-based search of common blinding diseases: a reflection of public concerns. British Journal of Ophthalmology, 2012, 96, 1444-1445.	2.1	0
326	Authors' responseâ€"Approach to evaluating the reliability and validity of conjunctival ultraviolet autofluorescence measurement. British Journal of Ophthalmology, 2012, 96, 1271.2-1271.	2.1	0
327	Corneal Genetics: Using Ancestry to Dissect Quantitative Traits for Complex Disease Discovery. , 2013, 54, 2444.		0
328	Peeking into the molecular trove of discarded surgical specimens. Clinical and Experimental Ophthalmology, 2016, 44, 661-662.	1.3	0
329	Response: Cycloplegia in refraction: age and cycloplegics. Acta Ophthalmologica, 2016, 94, e373.	0.6	0
330	Sonic Hedgehog Intron Variant Associated With an Unusual Pediatric Cortical Cataract. , 2022, 63, 25.		0