Alex W. Hewitt

List of Publications by Year
in descending order

330	18,063	18887 64	27587 110
papers	citations	h-index	g-index

358	358	358	21453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Attitudes Towards Polygenic Risk Testing in Individuals with Glaucoma. Ophthalmology Glaucoma, 2022, 5, 436-446.	0.9	10
4	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
5	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
6	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
7	A Taxonomic and Phylogenetic Classification of Diverse Base Editors. CRISPR Journal, 2022, , .	1.4	1
8	An Integrative Multi-Omics Analysis Reveals MicroRNA-143 as Potential Therapeutics to Attenuate Retinal Angiogenesis. Nucleic Acid Therapeutics, 2022, , .	2.0	3
9	Single-cell eQTL mapping identifies cell typeâ€“specific genetic control of autoimmune disease. Science, 2022, 376, eabf3041.	6.0	171
10	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
11	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
12	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
13	Sonic Hedgehog Intron Variant Associated With an Unusual Pediatric Cortical Cataract. , 2022, 63, 25.		0
14	Retinal ganglion cell-specific genetic regulation in primary open-angle glaucoma. Cell Genomics, 2022, 2, 100142.	3.0	9
15	AAV2-mediated gene therapy for Bietti crystalline dystrophy provides functional CYP4V2 in multiple relevant cell models. Scientific Reports, 2022, 12, .	1.6	4
16	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
17	Corneal Stiffness Parameters Are Predictive of Structural and Functional Progression in Glaucoma Suspect Eyes. Ophthalmology, 2021, 128, 993-1004.	2.5	36
18	Transcriptomic Profiling of Human Pluripotent Stem Cell-derived Retinal Pigment Epithelium over Time. Genomics, Proteomics and Bioinformatics, 2021, 19, 223-242.	3.0	25

#	Article	IF	Citations
19	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
20	Cardiovascular Disease Predicts Structural and Functional Progression in Early Glaucoma. Ophthalmology, 2021, 128, 58-69.	2.5	24
21	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
22	A drug-tunable Flt23k gene therapy for controlled intervention in retinal neovascularization. Angiogenesis, 2021, 24, 97-110.	3.7	23
23	Prevalence of Keratoconus Based on Scheimpflug Imaging. Ophthalmology, 2021, 128, 515-521.	2.5	73
24	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
25	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. Nature Communications, 2021, 12, 1258.	5.8	196
26	Predicting the Future of Genetic Risk Profiling of Glaucoma. JAMA Ophthalmology, 2021, 139, 224.	1.4	15
27	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
28	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
29	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
30	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. Scientific Reports, 2021, 11, 6337.	1.6	34
31	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
32	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. PLoS Genetics, 2021, 17, e1009497.	1.5	50
33	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
34	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	1.4	22
35	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
36	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

#	Article	IF	Citations
37	Association of Monogenic and Polygenic Risk With the Prevalence of Open-Angle Glaucoma. JAMA Ophthalmology, 2021, 139, 1023.	1.4	15
38	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
39	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
40	Approaches for the sensitive detection of rare base and prime editing events. Methods, 2021, 194, 75-82.	1.9	1
41	Use of CRISPR/Cas ribonucleoproteins for high throughput gene editing of induced pluripotent stem cells. Methods, 2021, 194, 18-29.	1.9	7
42	Establishing risk of vision loss in Leber hereditary optic neuropathy. American Journal of Human Genetics, 2021, 108, 2159-2170.	2.6	26
43	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
44	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
45	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
46	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
47	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
48	Smartphone use in ophthalmology: What is their place in clinical practice?. Survey of Ophthalmology, 2020, 65, 250-262.	1.7	50
49	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. Ophthalmology, 2020, 127, 901-907.	2.5	37
50	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
51	Association of Genetic Variation With Keratoconus. JAMA Ophthalmology, 2020, 138, 174.	1.4	34
52	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
53	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
54	OXPHOS bioenergetic compensation does not explain disease penetrance in Leber hereditary optic neuropathy. Mitochondrion, 2020, 54, 113-121.	1.6	5

#	Article	IF	Citations
55	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
56	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. Scientific Reports, 2020, 10, 12485.	1.6	1
57	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
58	Comparison of CRISPR/Cas Endonucleases for in vivo Retinal Gene Editing. Frontiers in Cellular Neuroscience, 2020, 14, 570917.	1.8	19
59	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
60	Comparative performance of the BGI and Illumina sequencing technology for single-cell RNA-sequencing. NAR Genomics and Bioinformatics, 2020, 2, lqaa034.	1.5	37
61	Influence of prenatal environment and birth parameters on amblyopia, strabismus, and anisometropia. Journal of AAPOS, 2020, 24, 74.e1-74.e7.	0.2	13
62	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
63	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
64	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
65	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
66	Choroidal Thickness in Young Adults and its Association with Visual Acuity. American Journal of Ophthalmology, 2020, 214, 40-51.	1.7	25
67	Biallelic CPAMD8 Variants Are a Frequent Cause of Childhood and Juvenile Open-Angle Glaucoma. Ophthalmology, 2020, 127, 758-766.	2.5	33
68	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
69	Genome-wide meta-analysis identifies novel loci associated with age-related macular degeneration. Journal of Human Genetics, 2020, 65, 657-665.	1.1	59
70	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
71	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
72	Utility of Self-Destructing CRISPR/Cas Constructs for Targeted Gene Editing in the Retina. Human Gene Therapy, 2019, 30, 1349-1360.	1.4	22

#	Article	IF	Citations
73	Associations between Optic Disc Measures and Obstructive Sleep Apnea in Young Adults. Ophthalmology, 2019, 126, 1372-1384.	2.5	23
74	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
75	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
76	PSEN1Î”E9, APPswe, and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. Stem Cell Reports, 2019, 13, 669-683.	2.3	132
77	Mitochondrial haplogroups are not associated with diabetic retinopathy in a large Australian and British Caucasian sample. Scientific Reports, 2019, 9, 612.	1.6	2
78	Prevalence ofFOXC1Variants in Individuals With a Suspected Diagnosis of Primary Congenital Glaucoma. JAMA Ophthalmology, 2019, 137, 348.	1.4	33
79	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. American Journal of Ophthalmology, 2019, 206, 245-255.	1.7	12
80	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
81	Genotype-free demultiplexing of pooled single-cell RNA-seq. Genome Biology, 2019, 20, 290.	3.8	55
82	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
83	Gene therapy for visual loss: Opportunities and concerns. Progress in Retinal and Eye Research, 2019, 68, 31-53.	7.3	78
84	Current state and future prospects of artificial intelligence in ophthalmology: a review. Clinical and Experimental Ophthalmology, 2019, 47, 128-139.	1.3	118
85	A Simple Cloning-free Method to Efficiently Induce Gene Expression Using CRISPR/Cas9. Molecular Therapy - Nucleic Acids, 2019, 14, 184-191.	2.3	13
86	Seeing the impact of the Glaucoma Inheritance Study in Tasmania after 25â€‰years. Clinical and Experimental Ophthalmology, 2019, 47, 677-679.	1.3	2
87	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. JAMA Ophthalmology, 2019, 137, 28.	1.4	32
88	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
89	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
90	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

#	Article	IF	Citations
91	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. Human Molecular Genetics, 2018, 27, 1486-1496.	1.4	111
92	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	1.6	33
93	Single cell RNA sequencing of stem cell-derived retinal ganglion cells. Scientific Data, 2018, 5, 180013.	2.4	55
94	DNA methylation at the 9p21 glaucoma susceptibility locus is associated with normal-tension glaucoma. Ophthalmic Genetics, 2018, 39, 221-227.	0.5	13
95	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
96	Automated Cell Culture Systems and Their Applications to Human Pluripotent Stem Cell Studies. SLAS Technology, 2018, 23, 315-325.	1.0	48
97	Methods for In Vivo CRISPR/Cas Editing of the Adult Murine Retina. Methods in Molecular Biology, 2018, 1715, 113-133.	0.4	12
98	Orbital Air Embolism After Intravenous Injection. Journal of Neuro-Ophthalmology, 2018, 38, 486-487.	0.4	7
99	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. Nature Communications, 2018, 9, 4774.	5.8	87
100	Potentials of Cellular Reprogramming as a Novel Strategy for Neuroregeneration. Frontiers in Cellular Neuroscience, 2018, 12, 460.	1.8	21
101	Mitochondrial DNA Variation and Disease Susceptibility in Primary Open-Angle Glaucoma. , 2018, 59, 4598.		20
102	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
103	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. IScience, 2018, 7, 30-39.	1.9	28
104	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	9.4	239
105	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
106	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. Nature Genetics, 2018, 50, 1067-1071.	9.4	152
107	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
108	Human fibroblast and stem cell resource from the Dominantly Inherited Alzheimer Network. Alzheimer's Research and Therapy, 2018, 10, 69.	3.0	22

#	Article	IF	Citations
109	The current state of stem cell therapy for ocular disease. Experimental Eye Research, 2018, 177, 65-75.	1.2	24
110	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
111	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. BMC Medical Genetics, 2018, 19, 71.	2.1	49
112	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21
113	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
114	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
115	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
116	Plurality in multi-disciplinary research: multiple institutional affiliations are associated with increased citations. PeerJ, 2018, 6, e5664.	0.9	11
117	The Ark: a customizable web-based data management tool for health and medical research. Bioinformatics, 2017, 33, 624-626.	1.8	6
118	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
119	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
120	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
121	Drug discovery using induced pluripotent stem cell models of neurodegenerative and ocular diseases. , 2017, 177, 32-43.		36
122	Genome-Wide Association Shows thatÂPigmentation Genes Play a Role in SkinÂAging. Journal of Investigative Dermatology, 2017, 137, 1887-1894.	0.3	48
123	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
124	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. International Journal of Epidemiology, 2017, 46, 1882-1890.	0.9	47
125	Screening for Diabetic Eye Disease among Samoan Adults: A Pilot Study. Ophthalmology and Therapy, 2017, 6, 187-194.	1.0	1
126	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

#	Article	IF	Citations
127	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
128	DNA methylation landscape of ocular tissue relative to matched peripheral blood. Scientific Reports, 2017, 7, 46330.	1.6	17
129	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
130	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
131	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
132	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
133	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
134	The VEGF Treatment of AMD Switch Study (The vTAS Study). Asia-Pacific Journal of Ophthalmology, 2017, 6, 481-487.	1.3	4
135	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma. , 2017, 58, 1537.		13
136	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
137	Key challenges in bringing CRISPR-mediated somatic cell therapy into the clinic. Genome Medicine, 2017, 9, 85.	3.6	17
138	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
139	Angiopoietin-1 is required for Schlemmâ€™s canal development in mice and humans. Journal of Clinical Investigation, 2017, 127, 4421-4436.	3.9	94
140	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
141	Mitochondrial replacement in an iPSC model of Leberâ€™s hereditary optic neuropathy. Aging, 2017, 9, 1341-1350.	1.4	54
142	Friedreichâ€™s ataxia induced pluripotent stem cell-derived cardiomyocytes display electrophysiological abnormalities and calcium handling deficiency. Aging, 2017, 9, 1440-1452.	1.4	29
143	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
144	Ethical Considerations for the Return of Incidental Findings in Ophthalmic Genomic Research. Translational Vision Science and Technology, 2016, 5, 3.	1.1	9

#	Article	IF	Citations
145	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
146	Electrical Stimulation Promotes Cardiac Differentiation of Human Induced Pluripotent Stem Cells. Stem Cells International, 2016, 2016, 1-12.	1.2	77
147	AAV-Mediated CRISPR/Cas Gene Editing of Retinal Cells In Vivo. , 2016, 57, 3470.		117
148	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma. , 2016, 57, 3416.		26
149	Angiopoietin receptor TEK mutations underlie primary congenital glaucoma with variable expressivity. Journal of Clinical Investigation, 2016, 126, 2575-2587.	3.9	175
150	Peeking into the molecular trove of discarded surgical specimens. Clinical and Experimental Ophthalmology, 2016, 44, 661-662.	1.3	0
151	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	9.4	147
152	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
153	An Interactive Multimedia Approach to Improving Informed Consent for Induced Pluripotent Stem Cell Research. Cell Stem Cell, 2016, 18, 307-308.	5.2	37
154	Biological effect of LOXL1 coding variants associated with pseudoexfoliation syndrome. Experimental Eye Research, 2016, 146, 212-223.	1.2	25
155	A Global Social Media Survey of Attitudes to Human Genome Editing. Cell Stem Cell, 2016, 18, 569-572.	5.2	79
156	Risk Alleles Associated with Neovascularization in a Pachychoroid Phenotype. Ophthalmology, 2016, 123, 2628-2630.	2.5	29
157	Giant cell arteritis: ophthalmic manifestations of a systemic disease. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2291-2306.	1.0	54
158	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. Genetic Epidemiology, 2016, 40, 66-72.	0.6	56
159	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
160	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. Scientific Reports, 2016, 6, 26885.	1.6	21
161	Enriched retinal ganglion cells derived from human embryonic stem cells. Scientific Reports, 2016, 6, 30552.	1.6	97
162	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

#	Article	IF	Citations
163	Response: Cycloplegia in refraction: age and cycloplegics. Acta Ophthalmologica, 2016, 94, e373.	0.6	0
164	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
165	A COL17A1 Splice-Altering Mutation Is Prevalent in Inherited Recurrent Corneal Erosions. Ophthalmology, 2016, 123, 709-722.	2.5	37
166	Participant understanding and recall of informed consent for induced pluripotent stem cell biobanking. Cell and Tissue Banking, 2016, 17, 449-456.	0.5	20
167	Current Understanding of the Genetic Architecture of Rhegmatogenous Retinal Detachment. Ophthalmic Genetics, 2016, 37, 121-129.	0.5	13
168	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
169	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
170	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
171	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
172	Study of mitochondrial respiratory defects on reprogramming to human induced pluripotent stem cells. Aging, 2016, 8, 945-957.	1.4	42
173	Deep sequencing of uveal melanoma identifies a recurrent mutation in PLCB4. Oncotarget, 2016, 7, 4624-4631.	0.8	235
174	Distribution of astigmatism as a function of age in an Australian population. Acta Ophthalmologica, 2015, 93, e377-85.	0.6	44
175	Cardiac Repair With a Novel Population of Mesenchymal Stem Cells Resident in the Human Heart. Stem Cells, 2015, 33, 3100-3113.	1.4	53
176	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
177	Measurement of Systemic Mitochondrial Function in Advanced Primary Open-Angle Glaucoma and Leber Hereditary Optic Neuropathy. PLoS ONE, 2015, 10, e0140919.	1.1	66
178	Accurate Imputation-Based Screening of Gln368Ter Myocilin Variant in Primary Open-Angle Glaucoma. , 2015, 56, 5087.		17
179	Genetic and Environmental Factors in Conjunctival UV Autofluorescence. JAMA Ophthalmology, 2015, 133, 406.	1.4	30
180	Projected Worldwide Disease Burden from Giant Cell Arteritis by 2050. Journal of Rheumatology, 2015, 42, 119-125.	1.0	80

#	Article	IF	Citations
181	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
182	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
183	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
184	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	1.4	105
185	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. Human Molecular Genetics, 2015, 24, 2689-2699.	1.4	79
186	Swimming goggle wear is not associated with an increased prevalence of glaucoma. British Journal of Ophthalmology, 2015, 99, 255-257.	2.1	12
187	Metaâ€analysis of Genomeâ€Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. Genetic Epidemiology, 2015, 39, 207-216.	0.6	72
188	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	9.4	97
189	Common Sequence Variation in the VEGFC Gene Is Associated with Diabetic Retinopathy and Diabetic Macular Edema. Ophthalmology, 2015, 122, 1828-1836.	2.5	20
190	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
191	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
192	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	5.8	70
193	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
194	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
195	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
196	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. Human Molecular Genetics, 2015, 24, 5060-5068.	1.4	58
197	Occurrence ofCYP1B1Mutations in Juvenile Open-Angle Glaucoma With Advanced Visual Field Loss. JAMA Ophthalmology, 2015, 133, 826.	1.4	21
198	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

#	Article	IF	Citations
199	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
200	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
201	TIMP1, TIMP2, and TIMP4 are increased in aqueous humor from primary open angle glaucoma patients. Molecular Vision, 2015, 21, 1162-72.	1.1	40
202	Benchmarking Undedicated Cloud Computing Providers for Analysis of Genomic Datasets. PLoS ONE, 2014, 9, e108490.	1.1	10
203	Replication of Genetic Loci Implicated in Diabetic Retinopathy. , 2014, 55, 1666.		22
204	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
205	What is the appropriate age cutâ€off for cycloplegia in refraction?. Acta Ophthalmologica, 2014, 92, e458-62.	0.6	61
206	Profile of ocular trauma in the Solomon Islands. Clinical and Experimental Ophthalmology, 2014, 42, 440-446.	1.3	4
207	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
208	Myopia Is Associated With Lower Vitamin D Status in Young Adults. , 2014, 55, 4552.		84
209	Meta-analysis of human methylation data for evidence of sex-specific autosomal patterns. BMC Genomics, 2014, 15, 981.	1.2	94
210	Genome-wide association study success in ophthalmology. Current Opinion in Ophthalmology, 2014, 25, 386-393.	1.3	22
211	Associations Between Depression and Anxiety Symptoms and Retinal Vessel Caliber in Adolescents and Young Adults. Psychosomatic Medicine, 2014, 76, 732-738.	1.3	29
212	Mutation inTMEM98in a Large White Kindred With Autosomal Dominant Nanophthalmos Linked to 17p12-q12. JAMA Ophthalmology, 2014, 132, 970.	1.4	54
213	Vitreous biomarkers in diabetic retinopathy: A systematic review and meta-analysis. Journal of Diabetes and Its Complications, 2014, 28, 419-425.	1.2	54
214	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
215	Genetic study of diabetic retinopathy: recruitment methodology and analysis of baseline characteristics. Clinical and Experimental Ophthalmology, 2014, 42, 486-493.	1.3	14
216	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

#	Article	IF	Citations
217	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
218	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. Nature Genetics, 2014, 46, 1120-1125.	9.4	186
219	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
220	Methods of Retinal Ganglion Cell Differentiation From Pluripotent Stem Cells. Translational Vision Science and Technology, 2014, 3, 7.	1.1	52
221	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
222	Registered report: Melanoma genome sequencing reveals frequent PREX2 mutations. ELife, 2014, 3, .	2.8	4
223	The association between pterygium and conjunctival ultraviolet autofluorescence: The Norfolk Island Eye Study. Acta Ophthalmologica, 2013, 91, 363-370.	0.6	57
224	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
225	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
226	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
227	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
228	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
229	Keep PubMed running at all costs. Nature, 2013, 502, 303-303.	13.7	1
230	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
231	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163.	9.4	269
232	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
233	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
234	Identification of a Candidate Gene for Astigmatism. , 2013, 54, 1260.		31

#	Article	IF	Citations
235	Copy Number Variation at Chromosome 5q21.2 Is Associated With Intraocular Pressure. , 2013, 54, 3607.		12
236	Corneal Genetics: Using Ancestry to Dissect Quantitative Traits for Complex Disease Discovery. , 2013, 54, 2444.		0
237	Association ofeNOSPolymorphisms with Primary Angle-Closure Glaucoma. , 2013, 54, 2108.		30
238	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
239	Genome-Wide Association Study of Retinopathy in Individuals without Diabetes. PLoS ONE, 2013, 8, e54232.	1.1	22
240	Genetic Loci for Retinal Arteriolar Microcirculation. PLoS ONE, 2013, 8, e65804.	1.1	27
241	Association of Genetic Variants with Primary Angle Closure Glaucoma in Two Different Populations. PLoS ONE, 2013, 8, e67903.	1.1	42
242	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
243	Common Genetic Determinants of Intraocular Pressure and Primary Open-Angle Glaucoma. PLoS Genetics, 2012, 8, e1002611.	1.5	164
244	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
245	Elevation of Serum Asymmetrical and Symmetrical Dimethylarginine in Patients with Advanced Glaucoma. , 2012, 53, 1923.		42
246	Explosion of ophthalmic collaborative research networks in Australia. Clinical and Experimental Ophthalmology, 2012, 41, n/a-n/a.	1.3	1
247	Google-based search of common blinding diseases: a reflection of public concerns. British Journal of Ophthalmology, 2012, 96, 1444-1445.	2.1	0
248	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
249	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
250	Epigenetic effects on eye diseases. Expert Review of Ophthalmology, 2012, 7, 127-134.	0.3	4
251	Reliability and validity of conjunctival ultraviolet autofluorescence measurement. British Journal of Ophthalmology, 2012, 96, 801-805.	2.1	43
252	Role of the TCF4 Gene Intronic Variant in Normal Variation of Corneal Endothelium. Cornea, 2012, 31, 162-166.	0.9	8

#	Article	IF	Citations
253	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. Clinical and Experimental Ophthalmology, 2012, 40, 569-575.	1.3	64
254	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
255	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
256	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
257	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
258	Genetic Variants nearPDGFRAAre Associated with Corneal Curvature in Australians. , 2012, 53, 7131.		34
259	Association of Genetic Variants in theTMCO1Gene with Clinical Parameters Related to Glaucoma and Characterization of the Protein in the Eye. , 2012, 53, 4917.		38
260	The Association between Time Spent Outdoors and Myopia Using a Novel Biomarker of Outdoor Light Exposure. , 2012, 53, 4363.		79
261	Influence of weather conditions on ophthalmic emergency presentations. Clinical and Experimental Ophthalmology, 2012, 40, 322-323.	1.3	4
262	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
263	Optic Disc Evaluation in Optic Neuropathies. Ophthalmology, 2011, 118, 964-970.	2.5	38
264	Association of Polymorphisms in the Hepatocyte Growth Factor Gene Promoter with Keratoconus. , 2011, 52, 8514.		114
265	Ethnic and Mouse Strain Differences in Central Corneal Thickness and Association with Pigmentation Phenotype. PLoS ONE, 2011, 6, e22103.	1.1	19
266	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
267	Rationale, methods and baseline demographics of the Bhaktapur Glaucoma Study. Clinical and Experimental Ophthalmology, 2011, 39, 126-134.	1.3	15
268	Classification of iris colour: review and refinement of a classification schema. Clinical and Experimental Ophthalmology, 2011, 39, 462-471.	1.3	43
269	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
270	Ophthalmic Phenotypes and the Representativeness of Twin Data for the General Population. , 2011, 52, 5565.		16

#	Article	IF	Citations
271	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
272	Prevalence of Chronic Ocular Diseases in a Genetic Isolate: The Norfolk Island Eye Study (NIES). Ophthalmic Epidemiology, 2011, 18, 61-71.	0.8	9
273	Mitochondrial Oxidative Phosphorylation Compensation May Preserve Vision in Patients with OPA1-Linked Autosomal Dominant Optic Atrophy. PLoS ONE, 2011, 6, e21347.	1.1	47
274	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
275	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. Nature Genetics, 2010, 42, 906-909.	9.4	357
276	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
277	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
278	Automated Quantification of Inherited Phenotypes from Color Images: A Twin Study of the Variability of Optic Nerve Head Shape. , 2010, 51, 5870.		8
279	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
280	Genome-wide association identifies ATOH7 as a major gene determining human optic disc size. Human Molecular Genetics, 2010, 19, 2716-2724.	1.4	133
281	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. PLoS Genetics, 2010, 6, e1001184.	1.5	134
282	Automated volumetric evaluation of stereoscopic disc photography. Optics Express, 2010, 18, 11347.	1.7	11
283	A geometric morphometric assessment of the optic cup in glaucoma. Experimental Eye Research, 2010, 91, 405-414.	1.2	15
284	The Heritability of Ocular Traits. Survey of Ophthalmology, 2010, 55, 561-583.	1.7	140
285	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
286	Systemic disease associations of familial and sporadic glaucoma: the Glaucoma Inheritance Study in Tasmania. Acta Ophthalmologica, 2010, 88, 70-74.	0.6	10
287	Tag SNPs detect association of the CYP1B1 gene with primary open angle glaucoma. Molecular Vision, 2010, 16, 2286-93.	1.1	10
288	Heritability of Central Corneal Thickness in Nuclear Families. , 2009, 50, 4087.		49

#	Article	IF	Citations
289	Response to Birth Factors and Retinal Vascular Caliber in a Twin Study. Hypertension, 2009, 53, .	1.3	0
290	Quantitative Genetic Analysis of the Retinal Vascular Caliber. Hypertension, 2009, 54, 788-795.	1.3	38
291	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
292	Effect of Birth Parameters on Retinal Vascular Caliber. Hypertension, 2009, 53, 487-493.	1.3	39
293	A Systematic Meta-Analysis of Genetic Association Studies for Diabetic Retinopathy. Diabetes, 2009, 58, 2137-2147.	0.3	180
294	Rapid inexpensive genome-wide association using pooled whole blood. Genome Research, 2009, 19, 2075-2080.	2.4	45
295	The optic nerve head in hereditary optic neuropathies. Nature Reviews Neurology, 2009, 5, 277-287.	4.9	18
296	Genetic influences on handedness: Data from 25,732 Australian and Dutch twin families. Neuropsychologia, 2009, 47, 330-337.	0.7	252
297	Optic disc morphology - Rethinking shape. Progress in Retinal and Eye Research, 2009, 28, 227-248.	7.3	49
298	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
299	Sensitivity of confocal laser tomography versus optical coherence tomography in detecting advanced glaucoma. Clinical and Experimental Ophthalmology, 2009, 37, 836-841.	1.3	5
300	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
301	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
302	Myocilinallele-specific glaucoma phenotype database. Human Mutation, 2008, 29, 207-211.	1.1	106
303	Genetic Isolates in Ophthalmic Diseases. Ophthalmic Genetics, 2008, 29, 149-161.	0.5	22
304	The pathogenesis of the glaucomas: nature versus nurture. Clinical and Experimental Ophthalmology, 2008, 36, 297-297.	1.3	2
305	Genetic Dissection of Myopia. Ophthalmology, 2008, 115, 1053-1057.e2.	2.5	48
306	Functional and Structural Implications of the Complement Factor H Y402H Polymorphism Associated with Age-Related Macular Degeneration. , 2008, 49, 1763.		85

#	Article	IF	Citations
307	Heritability of the Iridotrabecular Angle Width Measured by Optical Coherence Tomography in Chinese Children: The Guangzhou Twin Eye Study. , 2008, 49, 1356.		22
308	Genetic diseases of the optic nerve head: from embryogenesis to pathogenesis. Expert Review of Ophthalmology, 2007, 2, 769-777.	0.3	0
309	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
310	The Optic Nerve Head inMyocilinGlaucoma. , 2007, 48, 238.		16
311	Myocilin Gly252Arg Mutation and Glaucoma of Intermediate Severity in Caucasian Individuals. JAMA Ophthalmology, 2007, 125, 98.	2.6	13
312	Autosomal Dominant Optic Atrophy: Penetrance and Expressivity in Patients With OPA1 Mutations. American Journal of Ophthalmology, 2007, 143, 656-662.e1.	1.7	116
313	PAX6Mutations May Be Associated with High Myopia. Ophthalmic Genetics, 2007, 28, 179-182.	0.5	53
314	Heritable Features of the Optic Disc: A Novel Twin Method for Determining Genetic Significance. , 2007, 48, 2469.		22
315	Screening for Glaucomatous Disc Changes Prior to Diagnosis of Glaucoma in Myocilin Pedigrees. JAMA Ophthalmology, 2007, 125, 112.	2.6	5
316	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
317	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
318	Familial Transmission Risk of Infantile Glaucoma in Australia. Ophthalmic Genetics, 2006, 27, 93-97.	0.5	3
319	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
320	A Glaucoma Case-control Study of the WDR36 Gene D658G Sequence Variant. American Journal of Ophthalmology, 2006, 142, 324-325.	1.7	59
321	Disease Severity of Familial Glaucoma Compared With Sporadic Glaucoma. JAMA Ophthalmology, 2006, 124, 950.	2.6	41
322	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
323	Nosology and the glaucomas.. Clinical and Experimental Ophthalmology, 2006, 34, 94-94.	1.3	0
324	Correspondence. Tools for cup:disc ratio measurement. Clinical and Experimental Ophthalmology, 2006, 34, 288-289.	1.3	1

#	Article	IF	Citations
325	Complex genetics of complex traits: the case of primary open-angle glaucoma. Clinical and Experimental Ophthalmology, 2006, 34, 472-484.	1.3	71
326	Relationship between corneal thickness and optic disc damage in glaucoma. Clinical and Experimental Ophthalmology, 2005, 33, 158-163.	1.3	23
327	Genotypic and phenotypic spectrum of X-linked retinoschisis in Australia. Clinical and Experimental Ophthalmology, 2005, 33, 233-239.	1.3	27
328	Central Corneal Thickness Is Highly Heritable: The Twin Eye Studies. , 2005, 46, 3718.		133
329	Posterior capsule opacification after cataract surgery in remote Australian Aboriginal patients. Clinical and Experimental Ophthalmology, 2002, 30, 248-251.	1.3	8
330	Visual outcomes for remote Australian Aboriginal people after cataract surgery. Clinical and Experimental Ophthalmology, 2001, 29, 68-74.	1.3	11