Kathryn P Burdon

List of Publications by Year
in descending order

188 papers	10,409 citations	38742 50 h-index	45317 90 g-index
222 all docs	222 docs citations	222 times ranked	11444 citing authors

#	Article	IF	Citations
1	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.	1.4	2
2	Identifying Genetic Biomarkers Predicting Response to Anti-Vascular Endothelial Growth Factor Injections in Diabetic Macular Edema. International Journal of Molecular Sciences, 2022, 23, 4042.	4.1	5
3	Generation and characterisation of four multiple sclerosis iPSC lines from a single family. Stem Cell Research, 2022, 62, 102828.	0.7	3
4	Innate and Adaptive Gene Single Nucleotide Polymorphisms Associated With Susceptibility of Severe Inflammatory Complications in Acanthamoeba Keratitis. , 2021, 62, 33.		4
5	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. Communications Biology, 2021, 4, 266.	4.4	36
6	Utilising multi-large omics data to elucidate biological mechanisms within multiple sclerosis genetic susceptibility loci. Multiple Sclerosis Journal, 2021, 27, 2141-2149.	3.0	3
7	A 127â€‰kb truncating deletion of PGRMC1 is a novel cause of X-linked isolated paediatric cataract. European Journal of Human Genetics, 2021, 29, 1206-1215.	2.8	4
8	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.	1.6	3
9	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	2.5	22
10	The utility of genomic testing in the ophthalmology clinic: A review. Clinical and Experimental Ophthalmology, 2021, 49, 615-625.	2.6	7
11	Differential gene expression analysis of corneal endothelium indicates involvement of phagocytic activity in Fuchsâ€™ endothelial corneal dystrophy. Experimental Eye Research, 2021, 210, 108692.	2.6	3
12	Genotype, Age, Genetic Background, and Sex Influence Epha2-Related Cataract Development in Mice. , 2021, 62, 3.		4
13	Rapid and efficient cataract gene evaluation in F0 zebrafish using CRISPR-Cas9 ribonucleoprotein complexes. Methods, 2021, 194, 37-47.	3.8	9
14	Generation of MNZTASi001-A, a human pluripotent stem cell line from a person with primary progressive multiple sclerosis. Stem Cell Research, 2021, 57, 102568.	0.7	4
15	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. JAMA Ophthalmology, 2021, 139, 1299.	2.5	29
16	Association of Genetic Variation With Keratoconus. JAMA Ophthalmology, 2020, 138, 174.	2.5	34
17	Identifying Genetic Risk Factors for Diabetic Macular Edema and the Response to Treatment. Journal of Diabetes Research, 2020, 2020, 1-12.	2.3	8
18	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. Communications Biology, 2020, 3, 755.	4.4	10

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19	The genetic and clinical landscape of nanophthalmos and posterior microphthalmos in an Australian cohort. Clinical Genetics, 2020, 97, 764-769.	2.0	17
20	Biallelic CPAMD8 Variants Are a Frequent Cause of Childhood and Juvenile Open-Angle Glaucoma. Ophthalmology, 2020, 127, 758-766.	5.2	33
21	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. Nature Genetics, 2020, 52, 160-166.	21.4	192
22	Genome-wide association meta-analyses combining multiple risk phenotypes provide insights into the genetic architecture of cutaneous melanoma susceptibility. Nature Genetics, 2020, 52, 494-504.	21.4	138
23	Genetic and Environmental Risk Factors for Keratoconus. Annual Review of Vision Science, 2020, 6, 25-46.	4.4	46
24	Use of Corneal Biomechanical Measures as Endophenotypes for Understanding the Genetics of Keratoconus. JAMA Ophthalmology, 2019, 137, 1013.	2.5	0
25	Epha2 genotype influences ultraviolet radiation induced cataract in mice. Experimental Eye Research, 2019, 188, 107806.	2.6	10
26	MicroRNA-Related Genetic Variants Are Associated With Diabetic Retinopathy in Type 1 Diabetes Mellitus. , 2019, 60, 3937.		11
27	Longâ€term survival rates of patients undergoing vitrectomy for diabetic retinopathy in an Australian population: a populationâ€based audit. Clinical and Experimental Ophthalmology, 2019, 47, 598-604.	2.6	7
28	Mitochondrial haplogroups are not associated with diabetic retinopathy in a large Australian and British Caucasian sample. Scientific Reports, 2019, 9, 612.	3.3	2
29	Prevalence ofFOXC1Variants in Individuals With a Suspected Diagnosis of Primary Congenital Glaucoma. JAMA Ophthalmology, 2019, 137, 348.	2.5	33
30	Reduced expression of apolipoprotein E and immunoglobulin heavy constant gamma 1 proteins in Fuchs endothelial corneal dystrophy. Clinical and Experimental Ophthalmology, 2019, 47, 1028-1042.	2.6	6
31	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.	5.2	32
32	The Association Between Vitamin D and Multiple Sclerosis Risk: 1,25(OH)2D3 Induces Super-Enhancers Bound by VDR. Frontiers in Immunology, 2019, 10, 488.	4.8	25
33	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. Diabetes, 2019, 68, 441-456.	0.6	54
34	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. JAMA Ophthalmology, 2019, 137, 28.	2.5	32
35	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. Human Molecular Genetics, 2018, 27, 1486-1496.	2.9	111
36	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	3.3	33

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37	DNA methylation at the 9p21 glaucoma susceptibility locus is associated with normal-tension glaucoma. Ophthalmic Genetics, 2018, 39, 221-227.	1.2	13
38	Visual outcomes following vitrectomy for diabetic retinopathy amongst Indigenous and non-Indigenous Australians in South Australia and the Northern Territory. Clinical and Experimental Ophthalmology, 2018, 46, 417-423.	2.6	6
39	Progress and challenges in genome-wide studies to understand the genetics of diabetic retinopathy. Annals of Eye Science, 2018, 3, 46-46.	2.1	1
40	A genomeâ€wide association study suggests new evidence for an association of the <scp>NADPH</scp> Oxidase 4 (<scp>NOX</scp>4) gene with severe diabetic retinopathy in type 2 diabetes. Acta Ophthalmologica, 2018, 96, e811-e819.	1.1	52
41	Identification of novel mutations causing pediatric cataract in Bhutan, Cambodia, and Sri Lanka. Molecular Genetics & Genomic Medicine, 2018, 6, 555-564.	1.2	15
42	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. Nature Communications, 2018, 9, 1864.	12.8	63
43	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. Nature Genetics, 2018, 50, 1067-1071.	21.4	152
44	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. BMC Medical Genetics, 2018, 19, 71.	2.1	49
45	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
46	Rare, potentially pathogenic variants in 21 keratoconus candidate genes are not enriched in cases in a large Australian cohort of European descent. PLoS ONE, 2018, 13, e0199178.	2.5	21
47	molecular analysis and genotype-phenotype correlations in families with aniridia from Australasia and Southeast Asia. Molecular Vision, 2018, 24, 261-273.	1.1	10
48	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.	2.9	120
49	Partial duplication of the CRYBB1-CRYBA4 locus is associated with autosomal dominant congenital cataract. European Journal of Human Genetics, 2017, 25, 711-718.	2.8	12
50	Glaucoma spectrum and age-related prevalence of individuals with FOXC1 and PITX2 variants. European Journal of Human Genetics, 2017, 25, 839-847.	2.8	43
51	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	21.4	114
52	Diabetic macular oedema: clinical risk factors and emerging genetic influences. Australasian journal of optometry, The, 2017, 100, 569-576.	1.3	15
53	Genome-wide association study identifies three novel loci in Fuchs endothelial corneal dystrophy. Nature Communications, 2017, 8, 14898.	12.8	101
54	Myocilin Predictive Genetic Testing for Primary Open-Angle Glaucoma Leads to Early Identification of At-Risk Individuals. Ophthalmology, 2017, 124, 303-309.	5.2	25

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55	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. Diabetes, 2017, 66, 3130-3141.	0.6	17
56	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.	1.8	20
57	Novel missense mutation in the bZIP transcription factor, MAF, associated with congenital cataract, developmental delay, seizures and hearing loss (AymÃ©-Gripp syndrome). BMC Medical Genetics, 2017, 18, 52.	2.1	21
58	Ferritin light chain gene mutation in a large Australian family with hereditary hyperferritinemia-cataract syndrome. Ophthalmic Genetics, 2017, 38, 171-174.	1.2	3
59	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma. , 2017, 58, 1537.		13
60	Rare, Potentially Pathogenic Variants in ZNF469 Are Not Enriched in Keratoconus in a Large Australian Cohort of European Descent. , 2017, 58, 6248.		13
61	TGC repeat expansion in the TCF4 gene increases the risk of Fuchsâ€™ endothelial corneal dystrophy in Australian cases. PLoS ONE, 2017, 12, e0183719.	2.5	24
62	Key challenges in bringing CRISPR-mediated somatic cell therapy into the clinic. Genome Medicine, 2017, 9, 85.	8.2	17
63	Whole exome sequencing implicates eye development, the unfolded protein response and plasma membrane homeostasis in primary open-angle glaucoma. PLoS ONE, 2017, 12, e0172427.	2.5	8
64	Ethical Considerations for the Return of Incidental Findings in Ophthalmic Genomic Research. Translational Vision Science and Technology, 2016, 5, 3.	2.2	9
65	Association of Polymorphisms in MACRO Domain Containing 2 With Thyroid-Associated Orbitopathy. , 2016, 57, 3129.		12
66	Author Response: Stronger Association of CDKN2B-AS1 Variants in Female Normal-Tension Glaucoma Patients in a Japanese Population. , 2016, 57, 6418.		0
67	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma. , 2016, 57, 3416.		26
68	Angiopoietin receptor TEK mutations underlie primary congenital glaucoma with variable expressivity. Journal of Clinical Investigation, 2016, 126, 2575-2587.	8.2	175
69	Rare variants in optic disc area gene <scp>CARD</scp> 10 enriched in primary openâ€angle glaucoma. Molecular Genetics & Genomic Medicine, 2016, 4, 624-633.	1.2	14
70	GWAS study using DNA pooling strategy identifies association of variant rs4910623 in OR52B4 gene with anti-VEGF treatment response in age-related macular degeneration. Scientific Reports, 2016, 6, 37924.	3.3	23
71	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
72	Biological effect of LOXL1 coding variants associated with pseudoexfoliation syndrome. Experimental Eye Research, 2016, 146, 212-223.	2.6	25

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73	Recurrent mutation in the crystallin alpha A gene associated with inherited paediatric cataract. BMC Research Notes, 2016, 9, 83.	1.4	15
74	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. Scientific Reports, 2016, 6, 26885.	3.3	21
75	Pooled genome wide association detects association upstream of FCRL3 with Gravesâ€™ disease. BMC Genomics, 2016, 17, 939.	2.8	10
76	Meta-analysis of geneâ€“environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	12.8	104
77	A novel de novo Myocilin variant in a patient with sporadic juvenile open angle glaucoma. BMC Medical Genetics, 2016, 17, 30.	2.1	12
78	Promoter polymorphism at the tumour necrosis factor/lymphotoxin-alpha locus is associated with type of diabetes but not with susceptibility to sight-threatening diabetic retinopathy. Diabetes and Vascular Disease Research, 2016, 13, 164-167.	2.0	7
79	A single-nucleotide polymorphism in the MicroRNA-146a gene is associated with diabetic nephropathy and sight-threatening diabetic retinopathy in Caucasian patients. Acta Diabetologica, 2016, 53, 643-650.	2.5	53
80	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Nature Genetics, 2016, 48, 134-143.	21.4	1,167
81	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. Nature Genetics, 2016, 48, 189-194.	21.4	211
82	EPHA2 MUTATIONS CONTRIBUTE TO CONGENITAL CATARACT THROUGH DIVERSE MECHANISMS. Molecular Vision, 2016, 22, 18-30.	1.1	16
83	Role of directâ€toâ€consumer genetic testing for complex disease in diagnostics and research. Clinical and Experimental Ophthalmology, 2015, 43, 503-504.	2.6	2
84	Differential Gene Expression Profiling of Orbital Adipose Tissue in Thyroid Orbitopathy. , 2015, 56, 6438.		20
85	Measurement of Systemic Mitochondrial Function in Advanced Primary Open-Angle Glaucoma and Leber Hereditary Optic Neuropathy. PLoS ONE, 2015, 10, e0140919.	2.5	66
86	Accurate Imputation-Based Screening of Gln368Ter Myocilin Variant in Primary Open-Angle Glaucoma. , 2015, 56, 5087.		17
87	Does the Association BetweenTMEM98and Nanophthalmos Require Further Confirmation?â€”Reply. JAMA Ophthalmology, 2015, 133, 359.	2.5	1
88	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	2.9	105
89	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. Human Molecular Genetics, 2015, 24, 2689-2699.	2.9	79
90	Predictive genetic testing in minors for Myocilin juvenile onset open angle glaucoma. Clinical Genetics, 2015, 88, 584-588.	2.0	14

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91	Metaâ€analysis of Genomeâ€Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. Genetic Epidemiology, 2015, 39, 207-216.	1.3	72
92	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	21.4	97
93	Genome-wide meta-analysis identifies five new susceptibility loci for cutaneous malignant melanoma. Nature Genetics, 2015, 47, 987-995.	21.4	218
94	Common Sequence Variation in the VEGFC Gene Is Associated with Diabetic Retinopathy and Diabetic Macular Edema. Ophthalmology, 2015, 122, 1828-1836.	5.2	20
95	Association of Open-Angle Glaucoma Loci With Incident Glaucoma in the Blue Mountains Eye Study. American Journal of Ophthalmology, 2015, 159, 31-36.e1.	3.3	30
96	Genome-wide association study for sight-threatening diabetic retinopathy reveals association with genetic variation near the GRB2 gene. Diabetologia, 2015, 58, 2288-2297.	6.3	73
97	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.	2.6	1
98	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. Human Molecular Genetics, 2015, 24, 5060-5068.	2.9	58
99	Occurrence ofCYP1B1Mutations in Juvenile Open-Angle Glaucoma With Advanced Visual Field Loss. JAMA Ophthalmology, 2015, 133, 826.	2.5	21
100	Copy Number Variations of TBK1 in Australian Patients With Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2015, 159, 124-130.e1.	3.3	68
101	CYP1B1 copy number variation is not a major contributor to primary congenital glaucoma. Molecular Vision, 2015, 21, 160-4.	1.1	4
102	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. Nature Communications, 2014, 5, 4883.	12.8	89
103	Serum selenium status in <scp>G</scp>ravesâ€™ disease with and without orbitopathy: a caseâ€“control study. Clinical Endocrinology, 2014, 80, 905-910.	2.4	58
104	Screening of the <scp>COL8A2</scp> gene in an <scp>A</scp>ustralian family with earlyâ€onset <scp>F</scp>uchsâ€™ endothelial corneal dystrophy. Clinical and Experimental Ophthalmology, 2014, 42, 198-200.	2.6	10
105	Mutation inTMEM98in a Large White Kindred With Autosomal Dominant Nanophthalmos Linked to 17p12-q12. JAMA Ophthalmology, 2014, 132, 970.	2.5	54
106	Review of the prevalence of diabetic retinopathy in Indigenous <scp>A</scp>ustralians. Clinical and Experimental Ophthalmology, 2014, 42, 875-882.	2.6	22
107	Predictive genetic testing experience for myocilin primary open-angle glaucoma using the Australian and New Zealand Registry of Advanced Glaucoma. Genetics in Medicine, 2014, 16, 558-563.	2.4	11
108	Chromosome 9p21 primary openâ€angle glaucoma susceptibility locus: a review. Clinical and Experimental Ophthalmology, 2014, 42, 25-32.	2.6	35

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109	Genetic study of diabetic retinopathy: recruitment methodology and analysis of baseline characteristics. Clinical and Experimental Ophthalmology, 2014, 42, 486-493.	2.6	14
110	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	21.4	212
111	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. Nature Genetics, 2014, 46, 1120-1125.	21.4	186
112	Identification of a novel MYOC mutation, p.(Trp373*), in a family with open angle glaucoma. Gene, 2014, 545, 271-275.	2.2	4
113	Insights into keratoconus from a genetic perspective. Australasian journal of optometry, The, 2013, 96, 146-154.	1.3	97
114	A Turkish family with Nance-Horan syndrome due to a novel mutation. Gene, 2013, 525, 141-145.	2.2	24
115	Higher Prevalence of Myocilin Mutations in Advanced Glaucoma in Comparison with Less Advanced Disease in an Australasian Disease Registry. Ophthalmology, 2013, 120, 1135-1143.	5.2	48
116	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.	6.2	139
117	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318.	21.4	398
118	Identification of a Novel Oligomerization Disrupting Mutation inCRYÎ˛AAssociated with Congenital Cataract in a South Australian Family. Human Mutation, 2013, 34, 435-438.	2.5	28
119	Mutational Analysis ofMIR184in Sporadic Keratoconus and Myopia. , 2013, 54, 5266.		73
120	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163.	21.4	269
121	Replication and Meta-Analysis of Candidate Loci Identified Variation atRAB3GAP1Associated With Keratoconus. , 2013, 54, 5132.		37
122	Association ofeNOSPolymorphisms with Primary Angle-Closure Glaucoma. , 2013, 54, 2108.		30
123	Association of Genetic Variants with Primary Angle Closure Glaucoma in Two Different Populations. PLoS ONE, 2013, 8, e67903.	2.5	42
124	Mutations in the EPHA2 Gene Are a Major Contributor to Inherited Cataracts in South-Eastern Australia. PLoS ONE, 2013, 8, e72518.	2.5	35
125	Ocular Expression and Distribution of Products of the POAG-Associated Chromosome 9p21 Gene Region. PLoS ONE, 2013, 8, e75067.	2.5	13
126	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.	2.8	61

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127	Elevation of Serum Asymmetrical and Symmetrical Dimethylarginine in Patients with Advanced Glaucoma. , 2012, 53, 1923.		42
128	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. Clinical and Experimental Ophthalmology, 2012, 40, 569-575.	2.6	64
129	Glaucoma Risk Alleles at CDKN2B-AS1 Are Associated with Lower Intraocular Pressure, Normal-Tension Glaucoma, and Advanced Glaucoma. Ophthalmology, 2012, 119, 1539-1545.	5.2	74
130	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.	3.3	27
131	Association of Genetic Variants in theTMCO1Gene with Clinical Parameters Related to Glaucoma and Characterization of the Protein in the Eye. , 2012, 53, 4917.		38
132	Relationship between DDAH gene variants and serum ADMA level in individuals with type 1 diabetes. Journal of Diabetes and Its Complications, 2012, 26, 195-198.	2.3	11
133	Genomeâ€wide association studies in the hunt for genes causing primary openâ€angle glaucoma: a review. Clinical and Experimental Ophthalmology, 2012, 40, 358-363.	2.6	20
134	Compound heterozygote myocilin mutations in a pedigree with high prevalence of primary open-angle glaucoma. Molecular Vision, 2012, 18, 3064-9.	1.1	7
135	MALDI-MS-Imaging of Whole Human Lens Capsule. Journal of Proteome Research, 2011, 10, 3522-3529.	3.7	37
136	Association of Polymorphisms in the Hepatocyte Growth Factor Gene Promoter with Keratoconus. , 2011, 52, 8514.		114
137	Ethnic and Mouse Strain Differences in Central Corneal Thickness and Association with Pigmentation Phenotype. PLoS ONE, 2011, 6, e22103.	2.5	19
138	Genome-wide association study identifies susceptibility loci for open angle glaucoma at TMCO1 and CDKN2B-AS1. Nature Genetics, 2011, 43, 574-578.	21.4	381
139	Homozygous Mutations in PXDN Cause Congenital Cataract, Corneal Opacity, and Developmental Glaucoma. American Journal of Human Genetics, 2011, 89, 464-473.	6.2	68
140	Matrix metalloproteinase-9 genetic variation and primary angle closure glaucoma in a Caucasian population. Molecular Vision, 2011, 17, 1420-4.	1.1	37
141	The association of hepatocyte growth factor (HGF) gene with primary angle closure glaucoma in the Nepalese population. Molecular Vision, 2011, 17, 2248-54.	1.1	24
142	The role of toll-like receptor variants in acute anterior uveitis. Molecular Vision, 2011, 17, 2970-7.	1.1	7
143	A novel syndrome of paediatric cataract, dysmorphism, ectodermal features, and developmental delay in Australian Aboriginal family maps to 1p35.3-p36.32. BMC Medical Genetics, 2010, 11, 165.	2.1	3
144	Novel quantitative trait loci for central corneal thickness identified by candidate gene analysis of osteogenesis imperfecta genes. Human Genetics, 2010, 127, 33-44.	3.8	36

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145	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. Nature Genetics, 2010, 42, 906-909.	21.4	357
146	Sequence Variation in DDAH1 and DDAH2 Genes Is Strongly and Additively Associated with Serum ADMA Concentrations in Individuals with Type 2 Diabetes. PLoS ONE, 2010, 5, e9462.	2.5	54
147	Aldose Reductase Gene Polymorphisms and Diabetic Retinopathy Susceptibility. Diabetes Care, 2010, 33, 1834-1836.	8.6	39
148	Common Genetic Variants near the Brittle Cornea Syndrome Locus ZNF469 Influence the Blinding Disease Risk Factor Central Corneal Thickness. PLoS Genetics, 2010, 6, e1000947.	3.5	130
149	Human Lipoxygenase Pathway Gene Variation and Association with Markers of Subclinical Atherosclerosis in the Diabetes Heart Study. Mediators of Inflammation, 2010, 2010, 1-9.	3.0	32
150	Association Between Erythropoietin Gene Polymorphisms and Diabetic Retinopathy. JAMA Ophthalmology, 2010, 128, 102.	2.4	51
151	The genetics of central corneal thickness. British Journal of Ophthalmology, 2010, 94, 971-976.	3.9	96
152	Candidate gene study to investigate the genetic determinants of normal variation in central corneal thickness. Molecular Vision, 2010, 16, 562-9.	1.1	12
153	Tag SNPs detect association of the CYP1B1 gene with primary open angle glaucoma. Molecular Vision, 2010, 16, 2286-93.	1.1	10
154	Heritability of Central Corneal Thickness in Nuclear Families. , 2009, 50, 4087.		49
155	Diabetic Retinopathy Is Associated With Elevated Serum Asymmetric and Symmetric Dimethylarginines. Diabetes Care, 2009, 32, 2084-2086.	8.6	53
156	A Systematic Meta-Analysis of Genetic Association Studies for Diabetic Retinopathy. Diabetes, 2009, 58, 2137-2147.	0.6	180
157	Rapid inexpensive genome-wide association using pooled whole blood. Genome Research, 2009, 19, 2075-2080.	5.5	45
158	Common Sequence Variation in theVEGFAGene Predicts Risk of Diabetic Retinopathy. , 2009, 50, 5552.		64
159	A novel genetic syndrome characterized by pediatric cataract, dysmorphism, ectodermal features, and developmental delay in an indigenous Australian family. American Journal of Medical Genetics, Part A, 2009, 149A, 633-639.	1.2	2
160	Mutations of theEPHA2receptor tyrosine kinase gene cause autosomal dominant congenital cataract. Human Mutation, 2009, 30, E603-E611.	2.5	96
161	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.	2.6	72
162	Apparent autosomal dominant keratoconus in a large Australian pedigree accounted for by digenic inheritance of two novel loci. Human Genetics, 2008, 124, 379-386.	3.8	70

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163	Association of Arachidonate 12-Lipoxygenase Genotype Variation and Glycemic Control With Albuminuria in Type 2 Diabetes. American Journal of Kidney Diseases, 2008, 52, 242-250.	1.9	18
164	Genetic analysis of the soluble epoxide hydrolase gene, EPHX2, in subclinical cardiovascular disease in the Diabetes Heart Study. Diabetes and Vascular Disease Research, 2008, 5, 128-134.	2.0	57
165	Functional and Structural Implications of the Complement Factor H Y402H Polymorphism Associated with Age-Related Macular Degeneration. , 2008, 49, 1763.		85
166	A novel locus for X-linked congenital cataract on Xq24. Molecular Vision, 2008, 14, 721-6.	1.1	10
167	Genetic analysis of the clusterin gene in pseudoexfoliation syndrome. Molecular Vision, 2008, 14, 1727-36.	1.1	25
168	Investigation of eight candidate genes on chromosome 1p36 for autosomal dominant total congenital cataract. Molecular Vision, 2008, 14, 1799-804.	1.1	4
169	Novel causative mutations in patients with Nance-Horan syndrome and altered localization of the mutant NHS-A protein isoform. Molecular Vision, 2008, 14, 1856-64.	1.1	26
170	Association of Î±2-Heremans-Schmid Glycoprotein Polymorphisms with Subclinical Atherosclerosis. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 345-352.	3.6	40
171	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.	2.9	152
172	A novel deletion in theFTL gene causes hereditary hyperferritinemia cataract syndrome (HHCS) by alteration of the transcription start site. Human Mutation, 2007, 28, 742-742.	2.5	25
173	Prenatal detection of congenital bilateral cataract leading to the diagnosis of Nanceâ€Horan syndrome in the extended family. Prenatal Diagnosis, 2007, 27, 662-664.	2.3	35
174	Variants of the CD40 gene but not of the CD40L gene are associated with coronary artery calcification in the Diabetes Heart Study (DHS). American Heart Journal, 2006, 151, 706-711.	2.7	35
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