John H Fingert

List of Publications by Year
in descending order

148 papers	14,249 citations	50276 46 h-index	22166 113 g-index
157 all docs	157 docs citations	157 times ranked	20161 citing authors

#	Article	IF	Citations
1	Gonioscopy-Assisted Transluminal Trabeculotomy for Myocilin Juvenile Glaucoma. Ophthalmology Glaucoma, 2022, 5, 369-370.	1.9	4
2	Prevalence of Open-angle Glaucoma in the Faroese Population. Journal of Glaucoma, 2022, 31, 72-78.	1.6	3
3	Familial Glaucomaâ€"A Pedigree Revisited With Genetic Testing After 70 Years. JAMA Ophthalmology, 2022, 140, 543.	2.5	2
4	Aqueous Misdirection After Trabeculectomy in a Down Syndrome Patient With Angle-closure Glaucoma. Journal of Glaucoma, 2021, 30, e269-e270.	1.6	2
5	Cellâ€"Matrix Interactions in the Eye: From Cornea to Choroid. Cells, 2021, 10, 687.	4.1	39
6	Genetic Association between MMP9 and Choroidal Neovascularization in Age-Related Macular Degeneration. Ophthalmology Science, 2021, 1, 100002.	2.5	6
7	Exome-based investigation of the genetic basis of human pigmentary glaucoma. BMC Genomics, 2021, 22, 477.	2.8	9
8	Diffusion Tensor Imaging of Visual Pathway Abnormalities in Five Glaucoma Animal Models. , 2021, 62, 21.		9
9	Automated segmentation of choroidal layers from 3-dimensional macular optical coherence tomography scans. Journal of Neuroscience Methods, 2021, 360, 109267.	2.5	5
10	Recombinant adenovirus causes prolonged mobilization of macrophages in the anterior chambers of mice.. Molecular Vision, 2021, 27, 741-756.	1.1	0
11	Novel Intragenic PAX6 Deletion in a Pedigree with Aniridia, Morbid Obesity, and Diabetes. Current Eye Research, 2020, 45, 91-96.	1.5	10
12	Early-onset glaucoma. , 2020, , 95-116.		1
13	Progressive Optic Disc Cupping Over 20 Years in a Patient with TBK1-Associated Glaucoma. Ophthalmology Glaucoma, 2020, 3, 167-168.	1.9	0
14	High Iris Insertion in Axenfeld-Rieger Syndrome. Ophthalmology, 2020, 127, 768.	5.2	0
15	Long-Term Follow-Up of Normal Tension Glaucoma Patients With TBK1 Gene Mutations in One Large Pedigree. American Journal of Ophthalmology, 2020, 214, 52-62.	3.3	3
16	Nanophthalmos patient with a THR518MET mutation in MYRF, a case report. BMC Ophthalmology, 2020, 20, 388.	1.4	5
17	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. JAMA Ophthalmology, 2019, 137, 1190.	2.5	32
18	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. JAMA - Journal of the American Medical Association, 2019, 322, 1682.	7.4	50

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19	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. American Journal of Ophthalmology, 2019, 206, 245-255.	3.3	12
20	Mendelian genes in primary open angle glaucoma. Experimental Eye Research, 2019, 186, 107702.	2.6	39
21	Progressive optic nerve changes in cavitary optic disc anomaly: integration of copy number alteration and cis-expression quantitative trait loci to assess disease etiology. BMC Medical Genetics, 2019, 20, 63.	2.1	1
22	The Heritability of Pigment Dispersion Syndrome and Pigmentary Glaucoma. American Journal of Ophthalmology, 2019, 202, 55-61.	3.3	16
23	Myocilin Mutations in Patients With Normal-Tension Glaucoma. JAMA Ophthalmology, 2019, 137, 559.	2.5	17
24	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. Communications Biology, 2019, 2, 435.	4.4	22
25	Penetrance of Myocilin Mutationsâ€"Who Gets Glaucoma?. JAMA Ophthalmology, 2019, 137, 35.	2.5	6
26	Update on Animal Models of Exfoliation Syndrome. Journal of Glaucoma, 2018, 27, S78-S82.	1.6	10
27	CRISPRâ€Cas9â€Based Genome Editing of Human Induced Pluripotent Stem Cells. Current Protocols in Stem Cell Biology, 2018, 44, 5B.7.1-5B.7.22.	3.0	25
28	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	3.3	33
29	A novel mutation (LEU396ARG) in OPA1 is associated with a severe phenotype in a large dominant optic atrophy pedigree. Eye, 2018, 32, 843-845.	2.1	2
30	CRISPR-Cas9 genome engineering: Treating inherited retinal degeneration. Progress in Retinal and Eye Research, 2018, 65, 28-49.	15.5	64
31	Evaluation of sFLT1 protein levels in human eyes with the FLT1 rs9943922 polymorphism. Ophthalmic Genetics, 2018, 39, 68-72.	1.2	2
32	Glaucoma-associated corneal endothelial cell damage: A review. Survey of Ophthalmology, 2018, 63, 500-506.	4.0	77
33	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
34	Family-Based Genome-Wide Association Study of South Indian Pedigrees SupportsWNT7Bas a Central Corneal Thickness Locus. , 2018, 59, 2495.		11
35	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
36	Histochemical Analysis of Glaucoma Caused by a Myocilin Mutation in a Human Donor Eye. Ophthalmology Glaucoma, 2018, 1, 132-138.	1.9	11

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37	Genomic locus modulating corneal thickness in the mouse identifies POU6F2 as a potential risk of developing glaucoma. PLoS Genetics, 2018, 14, e1007145.	3.5	31
38	TransgenicTBK1mice have features of normal tension glaucoma. Human Molecular Genetics, 2017, 26, ddw372.	2.9	19
39	Clinical and genetic characterization of a large primary open angle glaucoma pedigree. Ophthalmic Genetics, 2017, 38, 222-225.	1.2	4
40	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
41	Assessment of a three-generation pedigree with Fuchs endothelial corneal dystrophy with anticipation for expansion of the triplet repeat in the TCF4 gene. Eye, 2017, 31, 1250-1252.	2.1	2
42	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
43	Genome-wide association study identifies three novel loci in Fuchs endothelial corneal dystrophy. Nature Communications, 2017, 8, 14898.	12.8	101
44	CRISPR-Cas9â€“based treatment of myocilin-associated glaucoma. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11199-11204.	7.1	137
45	Genomic Organization of TBK1 Copy Number Variations in Glaucoma Patients. Journal of Glaucoma, 2017, 26, 1063-1067.	1.6	6
46	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. European Journal of Human Genetics, 2017, 25, 1261-1267.	2.8	18
47	Age at natural menopause genetic risk score in relation to age at natural menopause and primary open-angle glaucoma in a US-based sample. Menopause, 2017, 24, 150-156.	2.0	6
48	Systems genetics identifies a role for Cacna2d1 regulation in elevated intraocular pressure and glaucoma susceptibility. Nature Communications, 2017, 8, 1755.	12.8	50
49	Genetics and genetic testing for glaucoma. Current Opinion in Ophthalmology, 2017, 28, 133-138.	2.9	26
50	Optical Coherence Tomography Analysis Based Prediction of Humphrey 24-2 Visual Field Thresholds in Patients With Glaucoma. , 2017, 58, 3975.		34
51	Primary congenital and developmental glaucomas. Human Molecular Genetics, 2017, 26, R28-R36.	2.9	85
52	LADD syndrome with glaucoma is caused by a novel gene. Molecular Vision, 2017, 23, 179-184.	1.1	5
53	SQSTM1 Mutations and Glaucoma. PLoS ONE, 2016, 11, e0156001.	2.5	9
54	A Common Variant in MIR182 Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium. , 2016, 57, 4528.		42

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55	Assessing the Association of Mitochondrial Genetic Variation With Primary Open-Angle Glaucoma Using Gene-Set Analyses. , 2016, 57, 5046.		44
56	The Utility of Diaton Tonometer Measurements in Patients With Ocular Hypertension, Glaucoma, and Glaucoma Tube Shunts: A Preliminary Study for its Potential Use in Keratoprosthesis Patients. Journal of Glaucoma, 2016, 25, 643-647.	1.6	19
57	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
58	Glaucoma Risk Alleles in the Ocular Hypertension Treatment Study. Ophthalmology, 2016, 123, 2527-2536.	5.2	25
59	Automated Axon Counting in Rodent Optic Nerve Sections with AxonJ. Scientific Reports, 2016, 6, 26559.	3.3	30
60	North Carolina Macular Dystrophy Is Caused by Dysregulation of the Retinal Transcription Factor PRDM13. Ophthalmology, 2016, 123, 9-18.	5.2	105
61	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
62	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
63	Tank-Binding Kinase 1 () Gene and Open-Angle Glaucomas (An American Ophthalmological Society) Tj ETQq1 1 0.784314 rgBT /Overl	1.4	14
64	MMP19 expression in the human optic nerve. Molecular Vision, 2016, 22, 1429-1436.	1.1	3
65	Heterozygous Triplication of Upstream Regulatory Sequences Leads to Dysregulation of Matrix Metalloproteinase 19 in Patients with Cavitary Optic Disc Anomaly. Human Mutation, 2015, 36, 369-378.	2.5	10
66	Stereo Photo Measured ONH Shape Predicts Development of POAG in Subjects With Ocular Hypertension. , 2015, 56, 4470.		3
67	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	2.9	105
68	Metaâ€analysis of Genomeâ€Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. Genetic Epidemiology, 2015, 39, 207-216.	1.3	72
69	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	21.4	97
70	Enhanced depth imaging optical coherence tomography of congenital cavitary optic disc anomaly (CODA). British Journal of Ophthalmology, 2015, 99, 549-555.	3.9	3
71	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
72	Novel TMEM98 mutations in pedigrees with autosomal dominant nanophthalmos. Molecular Vision, 2015, 21, 1017-23.	1.1	24

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73	Vascular tone pathway polymorphisms in relation to primary open-angle glaucoma. Eye, 2014, 28, 662-671.	2.1	14
74	Discovery and Functional Annotation of SIX6 Variants in Primary Open-Angle Glaucoma. PLoS Genetics, 2014, 10, e1004372.	3.5	78
75	TBK1and Flanking Genes in Human Retina. Ophthalmic Genetics, 2014, 35, 35-40.	1.2	17
76	Automated discovery of structural features of the optic nerve head on the basis of image and genetic data. , 2014, , .		2
77	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
78	DNA Copy Number Variants of Known Glaucoma Genes in Relation to Primary Open-Angle Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 8251-8258.	3.3	27
79	TBK1Gene Duplication and Normal-Tension Glaucoma. JAMA Ophthalmology, 2014, 132, 544.	2.5	77
80	Animal Models of Exfoliation Syndrome, Now and Future. Journal of Glaucoma, 2014, 23, S68-S72.	1.6	10
81	Duplication of TBK1 Stimulates Autophagy in iPSC-derived Retinal Cells from a Patient with Normal Tension Glaucoma. Journal of Stem Cell Research & Therapy, 2014, 04, 161.	0.3	75
82	Thin Central Corneal Thickness and Early-Onset Glaucoma in Lacrimo-auriculo-dento-digital Syndrome. JAMA Ophthalmology, 2014, 132, 782.	2.5	3
83	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
84	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. Nature Genetics, 2014, 46, 1120-1125.	21.4	186
85	Hypothesis-independent pathway analysis implicates GABA and Acetyl-CoA metabolism in primary open-angle glaucoma and normal-pressure glaucoma. Human Genetics, 2014, 133, 1319-1330.	3.8	32
86	Association of CAV1/CAV2 Genomic Variants with Primary Open-Angle Glaucoma Overall and by Gender and Pattern of Visual Field Loss. Ophthalmology, 2014, 121, 508-516.	5.2	91
87	Clinical correlates to the goniodysgensis among juvenile-onset primary open-angle glaucoma patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1571-1576.	1.9	16
88	Confirmation of the association between theTCF4risk allele and Fuchs endothelial corneal dystrophy in patients from the Midwestern United States. Ophthalmic Genetics, 2013, 34, 32-34.	1.2	22
89	Identification of Proteins that Interact with TANK Binding Kinase 1 and Testing for Mutations Associated with Glaucoma. Current Eye Research, 2013, 38, 310-315.	1.5	7
90	Changes in quantitative 3D shape features of the optic nerve head associated with age. Proceedings of SPIE, 2013, , .	0.8	1

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91	Circumferential Iris Transillumination Defects in Exfoliation Syndrome. Journal of Glaucoma, 2013, 22, 555-558.	1.6	9
92	Investigation of Known Genetic Risk Factors for Primary Open Angle Glaucoma in Two Populations of African Ancestry. , 2013, 54, 6248.		73
93	A Genome-Wide Association Study for Primary Open Angle Glaucoma and Macular Degeneration Reveals Novel Loci. PLoS ONE, 2013, 8, e58657.	2.5	35
94	Estrogen pathway polymorphisms in relation to primary open angle glaucoma: an analysis accounting for gender from the United States. Molecular Vision, 2013, 19, 1471-81.	1.1	40
95	Calpain-5 Mutations Cause Autoimmune Uveitis, Retinal Neovascularization, and Photoreceptor Degeneration. PLoS Genetics, 2012, 8, e1003001.	3.5	76
96	Analysis of ASB10 variants in open angle glaucoma. Human Molecular Genetics, 2012, 21, 4543-4548.	2.9	20
97	Statistical Tests for Detecting Rare Variants Using Varianceâ€Stabilising Transformations. Annals of Human Genetics, 2012, 76, 402-409.	0.8	7
98	Confirmation of TBK1 duplication in normal tension glaucoma. Experimental Eye Research, 2012, 96, 178-180.	2.6	71
99	Localization of SH3PXD2B in human eyes and detection of rare variants in patients with anterior segment diseases and glaucoma. Molecular Vision, 2012, 18, 705-13.	1.1	8
100	Primary open-angle glaucoma genes. Eye, 2011, 25, 587-595.	2.1	184
101	Microarray Analysis of Iris Gene Expression in Mice with Mutations Influencing Pigmentation. , 2011, 52, 237.		14
102	Genome-wide analysis of copy number variants in age-related macular degeneration. Human Genetics, 2011, 129, 91-100.	3.8	36
103	Evaluation of variants in the selectin genes in age-related macular degeneration. BMC Medical Genetics, 2011, 12, 58.	2.1	15
104	Copy Number Variations and Primary Open-Angle Glaucoma. , 2011, 52, 7122.		31
105	Copy number variations on chromosome 12q14 in patients with normal tension glaucoma. Human Molecular Genetics, 2011, 20, 2482-2494.	2.9	189
106	Chromosome 7q31 POAG locus: ocular expression of caveolins and lack of association with POAG in a US cohort. Molecular Vision, 2011, 17, 430-5.	1.1	41
107	Complement Component C5a Activates ICAM-1 Expression on Human Choroidal Endothelial Cells. , 2010, 51, 5336.		101
108	Novel IntragenicFRMD7Deletion in a Pedigree with Congenital X-Linked Nystagmus. Ophthalmic Genetics, 2010, 31, 77-80.	1.2	19

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109	Automated Quantification of Inherited Phenotypes from Color Images: A Twin Study of the Variability of Optic Nerve Head Shape. , 2010, 51, 5870.		8
110	Reduced frequency of known mutations in a cohort of LHON patients from India. Ophthalmic Genetics, 2010, 31, 196-199.	1.2	18
111	Assessment of SNPs associated with the human glucocorticoid receptor in primary open-angle glaucoma and steroid responders. Molecular Vision, 2010, 16, 596-601.	1.1	18
112	Clinical and genetic characterization of a Danish family with North Carolina macular dystrophy. Molecular Vision, 2010, 16, 2659-68.	1.1	33
113	LystMutation in Mice Recapitulates Iris Defects of Human Exfoliation Syndrome. , 2009, 50, 1205.		46
114	Primary Open-Angle Glaucoma. New England Journal of Medicine, 2009, 360, 2679-2680.	27.0	12
115	Primary Open-Angle Glaucoma. New England Journal of Medicine, 2009, 360, 1113-1124.	27.0	747
116	Familial non-arteritic anterior ischemic optic neuropathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 1295-1305.	1.9	16
117	Evidence for a Novel X-Linked Modifier Locus for Leber Hereditary Optic Neuropathy. Ophthalmic Genetics, 2008, 29, 17-24.	1.2	105
118	Mutation in theSLC4A11Gene Associated with Autosomal Recessive Congenital Hereditary Endothelial Dystrophy in a Large Saudi Family. Ophthalmic Genetics, 2008, 29, 41-45.	1.2	34
119	Increased Expression of Serum Amyloid A in Glaucoma and Its Effect on Intraocular Pressure. , 2008, 49, 1916.		50
120	Association of a Novel Mutation in the Retinol Dehydrogenase 12 (RDH12) Gene With Autosomal Dominant Retinitis Pigmentosa. JAMA Ophthalmology, 2008, 126, 1301.	2.4	47
121	Increased expression of the WNT antagonist sFRP-1 in glaucoma elevates intraocular pressure. Journal of Clinical Investigation, 2008, 118, 1056-64.	8.2	143
122	Automated Segmentation of the Optic Disc from Stereo Color Photographs Using Physiologically Plausible Features. , 2007, 48, 1665.		275
123	No Association Between Variations in the WDR36 Gene and Primary Open-Angle Glaucoma. JAMA Ophthalmology, 2007, 125, 434.	2.4	58
124	The Optic Nerve Head inMyocilinGlaucoma. , 2007, 48, 238.		16
125	Myocilin Gly252Arg Mutation and Glaucoma of Intermediate Severity in Caucasian Individuals. JAMA Ophthalmology, 2007, 125, 98.	2.4	13
126	Familial Cavitary Optic Disk Anomalies: Clinical Features of a Large Family with Examples of Progressive Optic Nerve Head Cupping. American Journal of Ophthalmology, 2007, 143, 788-794.e1.	3.3	21

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127	Familial Cavitary Optic Disk Anomalies: Identification of a Novel Genetic Locus. American Journal of Ophthalmology, 2007, 143, 795-800.e1.	3.3	23
128	LOXL1 Mutations Are Associated with Exfoliation Syndrome in Patients from the Midwestern United States. American Journal of Ophthalmology, 2007, 144, 974-975.e1.	3.3	111
129	Mitochondrial Variant G4132A is Associated with Familial Non-Arteritic Anterior Ischemic Optic Neuropathy in One Large Pedigree. Ophthalmic Genetics, 2007, 28, 1-7.	1.2	14
130	Heritable Features of the Optic Disc: A Novel Twin Method for Determining Genetic Significance. , 2007, 48, 2469.		22
131	Case of Stargardt Disease Caused by Uniparental Isodisomy. JAMA Ophthalmology, 2006, 124, 744.	2.4	27
132	Ethnic variation in AMD-associated complement factor H polymorphism p.Tyr402His. Human Mutation, 2006, 27, 921-925.	2.5	66
133	The C677T Variant in the Methylenetetrahydrofolate Reductase Gene Is Not Associated with Disease in Cohorts of Pseudoexfoliation Glaucoma and Primary Open-Angle Glaucoma Patients from Iowa. Ophthalmic Genetics, 2006, 27, 39-41.	1.2	22
134	Retinal Ganglion Cell Death in Glaucoma: Mechanisms and Neuroprotective Strategies. Ophthalmology Clinics of North America, 2005, 18, 383-395.	1.8	192
135	Leber's hereditary optic neuropathy triggered by antiretroviral therapy for human immunodeficiency virus. Eye, 2003, 17, 312-317.	2.1	77
136	Glaucoma Phenotype in Pedigrees With the Myocilin Thr377Met Mutation. JAMA Ophthalmology, 2003, 121, 1172.	2.4	47
137	Variations in the Myocilin Gene in Patients With Open-Angle Glaucoma. JAMA Ophthalmology, 2002, 120, 1189.	2.4	96
138	Myocilin Glaucoma. Survey of Ophthalmology, 2002, 47, 547-561.	4.0	201
139	Broad phenotypic variability in a single pedigree with a novel 1410delC mutation in the PST domain of thePAX6 gene. Human Mutation, 2002, 20, 322-322.	2.5	30
140	Evidence for genetic heterogeneity within eight glaucoma families, with the GLC1A Gln368STOP mutation being an important phenotypic modifier11None of the authors has a financial interest relating to this article.. Ophthalmology, 2001, 108, 1607-1620.	5.2	106
141	Expression of the glaucoma gene myocilin (MYOC) in the human optic nerve head. FASEB Journal, 2001, 15, 1251-1253.	0.5	46
142	The genetic aspects of adult-onset glaucoma: a perspective from the Greater Toronto area. Canadian Journal of Ophthalmology, 2000, 35, 12-17.	0.7	15
143	Analysis of Myocilin Mutations in 1703 Glaucoma Patients From Five Different Populations. Human Molecular Genetics, 1999, 8, 899-905.	2.9	496
144	Normal range of hearing associated with myocilin Thr377Met. Ophthalmic Genetics, 1999, 20, 205-207.	1.2	4

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145	Clinical Features Associated with Mutations in the Chromosome 1 Open-Angle Glaucoma Gene (GLC1A). New England Journal of Medicine, 1998, 338, 1022-1027.	27.0	423
146	Characterization and Comparison of the Human and MouseGLC1A Glaucomaâ€‰Genes. Genome Research, 1998, 8, 377-384.	5.5	103
147	Clinical and molecular characterization of a family affected with X-linked ocular albinism(OA1). Ophthalmic Genetics, 1997, 18, 175-184.	1.2	16
148	Identification of a Gene That Causes Primary Open Angle Glaucoma. Science, 1997, 275, 668-670.	12.6	1,274