Pirro G Hysi

List of Publications by Citations

178 papers	10,831 citations	54 h-index	101 g-index
208 ext. papers	13,837 ext. citations	10.8 avg, IF	5.41 L-index

#	Paper	IF	Citations
178	The UK10K project identifies rare variants in health and disease. *Nature*, **2015**, 526, 82-90	50.4	776
177	Real-time tracking of self-reported symptoms to predict potential COVID-19. *Nature Medicine*, **2020**, 26, 1037-1040	50.5	750
176	Genetic variants associated with idiopathic pulmonary fibrosis susceptibility and mortality: a genome-wide association study. *Lancet Respiratory Medicine,the*, **2013**, 1, 309-317	35.1	341
175	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. *Nature Genetics*, **2015**, 47, 1449-1456	36.3	329
174	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature Genetics*, **2013**, 45, 314-8	36.3	314
173	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313
172	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. *Science*, **2019**, 365,	33.3	309
171	Association between a complex insertion/deletion polymorphism in NOD1 (CARD4) and susceptibility to inflammatory bowel disease. *Human Molecular Genetics*, **2005**, 14, 1245-50	5.6	260
170	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. *Nature Genetics*, **2011**, 44, 187-92	36.3	244
169	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. *Nature Genetics*, **2013**, 45, 155-63	36.3	222
168	Increasing Prevalence of Myopia in Europe and the Impact of Education. *Ophthalmology*, **2015**, 122, 1489-97	7.3	220
167	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
166	NOD1 variation, immunoglobulin E and asthma. *Human Molecular Genetics*, **2005**, 14, 935-41	5.6	219
165	A genome-wide association study identifies five loci influencing facial morphology in Europeans. *PLoS Genetics*, **2012**, 8, e1002932	6	194
164	A genome-wide association study identifies a susceptibility locus for refractive errors and myopia at 15q14. *Nature Genetics*, **2010**, 42, 897-901	36.3	181
163	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
162	A genome-wide association study for myopia and refractive error identifies a susceptibility locus at 15q25. *Nature Genetics*, **2010**, 42, 902-5	36.3	179

161	Low copy number of the salivary amylase gene predisposes to obesity. *Nature Genetics*, **2014**, 46, 492-7	36.3	177
160	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. *Nature Genetics*, **2014**, 46, 1126-1130	36.3	171
159	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. *Nature Genetics*, **2016**, 48, 189-94	36.3	159
158	A genome-wide association study of optic disc parameters. *PLoS Genetics*, **2010**, 6, e1000978	6	157
157	Digital quantification of human eye color highlights genetic association of three new loci. *PLoS Genetics*, **2010**, 6, e1000934	6	135
156	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. *Nature Genetics*, **2018**, 50, 834-848	36.3	135
155	Common genetic determinants of intraocular pressure and primary open-angle glaucoma. *PLoS Genetics*, **2012**, 8, e1002611	6	131
154	Prevalence and risk factors of dry eye disease in a British female cohort. *British Journal of Ophthalmology*, **2014**, 98, 1712-7	5.5	123
153	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. *Nature Genetics*, **2018**, 50, 778-782	36.3	122
152	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
151	Genome-wide association identifies ATOH7 as a major gene determining human optic disc size. *Human Molecular Genetics*, **2010**, 19, 2716-24	5.6	118
150	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, 264-77	11	116
149	Genome-wide joint meta-analysis of SNP and SNP-by-smoking interaction identifies novel loci for pulmonary function. *PLoS Genetics*, **2012**, 8, e1003098	6	108
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	6	106
147	Ischemic stroke is associated with the ABO locus: the EuroCLOT study. *Annals of Neurology*, **2013**, 73, 16-31	9.4	105
146	Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nature Genetics*, **2014**, 46, 669-77	36.3	104
145	Genetics of skin color variation in Europeans: genome-wide association studies with functional follow-up. *Human Genetics*, **2015**, 134, 823-35	6.3	97
144	TUCAN (CARD8) genetic variants and inflammatory bowel disease. *Gastroenterology*, **2006**, 131, 1190-6	13.3	84

143	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, 438-453	5.6	80
142	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. *Nature Communications*, **2016**, 7, 11008	17.4	79
141	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nature Communications*, **2015**, 6, 8658	17.4	79
140	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. *Nature Genetics*, **2020**, 52, 160-166	36.3	78
139	Obligatory and facilitative allelic variation in the DNA methylome within common disease-associated loci. *Nature Communications*, **2018**, 9, 8	17.4	77
138	Germline genetic contributions to risk for esophageal adenocarcinoma, Barrett's esophagus, and gastroesophageal reflux. *Journal of the National Cancer Institute*, **2013**, 105, 1711-8	9.7	75
137	Loss of smell and taste in combination with other symptoms is a strong predictor of COVID-19 infection		74
136	Common variants in interleukin-1-Beta gene are associated with intracranial hemorrhage and susceptibility to brain arteriovenous malformation. *Cerebrovascular Diseases*, **2009**, 27, 176-82	3.2	72
135	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, **2018**, 175, 1679-1687.e7	36.2	72
134	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. *Nature Communications*, **2014**, 5, 4883	17.4	71
133	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	36.3	68
132	Relationship between dry eye symptoms and pain sensitivity. *JAMA Ophthalmology*, **2013**, 131, 1304-8	3.9	67
131	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	36.3	59
130	APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. *PLoS Genetics*, **2015**, 11, e1005432	6	59
129	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. *Genetic Epidemiology*, **2015**, 39, 207-16	2.6	58
128	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. *Scientific Reports*, **2016**, 6, 25853	4.9	57
127	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. *Human Genetics*, **2012**, 131, 1467-80	6.3	57
126	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. *Human Molecular Genetics*, **2016**, 25, 358-70	5.6	54

125	Genome-wide association studies of refractive error and myopia, lessons learned, and implications for the future **2014**, 55, 3344-51		54
124	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. *Lancet Respiratory Medicine,the*, **2015**, 3, 782-95	35.1	52
123	Genome-wide association study in 176,678 Europeans reveals genetic loci for tanning response to sun exposure. *Nature Communications*, **2018**, 9, 1684	17.4	51
122	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications*, **2021**, 12, 1258	17.4	47
121	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
120	Focusing in on the complex genetics of myopia. *PLoS Genetics*, **2013**, 9, e1003442	6	45
119	Ensemble landmarking of 3D facial surface scans. *Scientific Reports*, **2018**, 8, 12	4.9	42
118	LD mapping of maternally and non-maternally derived alleles and atopy in FcepsilonRI-beta. *Human Molecular Genetics*, **2003**, 12, 2577-85	5.6	40
117	First all-in-one diagnostic tool for DNA intelligence: genome-wide inference of biogeographic ancestry, appearance, relatedness, and sex with the Identitas v1 Forensic Chip. *International Journal of Legal Medicine*, **2013**, 127, 559-72	3.1	38
116	Evidence for keratoconus susceptibility locus on chromosome 14: a genome-wide linkage screen using single-nucleotide polymorphism markers. *JAMA Ophthalmology*, **2010**, 128, 1191-5		38
115	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. *Nature Communications*, **2018**, 9, 1864	17.4	37
114	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. *PLoS ONE*, **2014**, 9, e107110	3.7	36
113	Macular displacement following rhegmatogenous retinal detachment repair. *British Journal of Ophthalmology*, **2013**, 97, 1297-302	5.5	35
112	Molecular analysis of the VSX1 gene in familial keratoconus. *Molecular Vision*, **2007**, 13, 1887-91	2.3	35
111	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. *International Journal of Epidemiology*, **2017**, 46, 1882-1890	7.8	34
110	Antisense Therapy for a Common Corneal Dystrophy Ameliorates TCF4 Repeat Expansion-Mediated Toxicity. *American Journal of Human Genetics*, **2018**, 102, 528-539	11	33
109	Genetics of the human face: Identification of large-effect single gene variants. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E676-E685	11.5	33
108	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. *Human Molecular Genetics*, **2018**, 27, 559-575	5.6	33

107	Heritability maps of human face morphology through large-scale automated three-dimensional phenotyping. *Scientific Reports*, **2017**, 7, 45885	4.9	32
106	A genome-wide association study of intra-ocular pressure suggests a novel association in the gene FAM125B in the TwinsUK cohort. *Human Molecular Genetics*, **2014**, 23, 3343-8	5.6	32
105	Artificial Intelligence Applied to Osteoporosis: A Performance Comparison of Machine Learning Algorithms in Predicting Fragility Fractures From MRI Data. *Journal of Magnetic Resonance Imaging*, **2019**, 49, 1029-1038	5.6	32
104	The Roles of PAX6 and SOX2 in Myopia: lessons from the 1958 British Birth Cohort. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 4421-5		31
103	Frequency and Distribution of Refractive Error in Adult Life: Methodology and Findings of the UK Biobank Study. *PLoS ONE*, **2015**, 10, e0139780	3.7	28
102	Validation of rs2956540:G>C and rs3735520:G>A association with keratoconus in a population of European descent. *European Journal of Human Genetics*, **2015**, 23, 1581-3	5.3	27
101	Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. *Human Molecular Genetics*, **2018**, 27, 2025-2038	5.6	27
100	A Metabolome-Wide Study of Dry Eye Disease Reveals Serum Androgens as Biomarkers. *Ophthalmology*, **2017**, 124, 505-511	7.3	26
99	The heritability of dry eye disease in a female twin cohort **2014**, 55, 7278-83		26
98	Validation of printed and computerised crowded Kay picture logMAR tests against gold standard ETDRS acuity test chart measurements in adult and amblyopic paediatric subjects. *Eye*, **2012**, 26, 593-600	4.4	26
97	Genetic Variants Associated With Corneal Biomechanical Properties and Potentially Conferring Susceptibility to Keratoconus in a Genome-Wide Association Study. *JAMA Ophthalmology*, **2019**, 137, 1005-1012	3.9	25
96	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. *Human Genetics*, **2018**, 137, 847-862	6.3	25
95	Optic disc planimetry, corneal hysteresis, central corneal thickness, and intraocular pressure as risk factors for glaucoma. *American Journal of Ophthalmology*, **2014**, 157, 441-6	4.9	24
94	Genome-wide association study of intraocular pressure identifies the GLCCI1/ICA1 region as a glaucoma susceptibility locus. *Human Molecular Genetics*, **2013**, 22, 4653-60	5.6	24
93	Candidate gene study of macular response to supplemental lutein and zeaxanthin. *Experimental Eye Research*, **2013**, 115, 172-7	3.7	23
92	Identification of a candidate gene for astigmatism **2013**, 54, 1260-7		23
91	Age of myopia onset in a British population-based twin cohort. *Ophthalmic and Physiological Optics*, **2013**, 33, 339-45	4.1	22
90	Novel genetic loci affecting facial shape variation in humans. *ELife*, **2019**, 8,	8.9	22

89	Novel regional age-associated DNA methylation changes within human common disease-associated loci. *Genome Biology*, **2016**, 17, 193	18.3	22
88	A GWAS meta-analysis from 5 population-based cohorts implicates ion channel genes in the pathogenesis of irritable bowel syndrome. *Neurogastroenterology and Motility*, **2018**, 30, e13358	4	21
87	Systems genetics identifies a role for Cacna2d1 regulation in elevated intraocular pressure and glaucoma susceptibility. *Nature Communications*, **2017**, 8, 1755	17.4	21
86	Association mapping of the high-grade myopia MYP3 locus reveals novel candidates UHRF1BP1L, PTPRR, and PPFIA2 **2013**, 54, 2076-86		21
85	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. *PLoS ONE*, **2017**, 12, e0167742	3.7	21
84	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. *Human Mutation*, **2017**, 38, 1025-1032	4.7	20
83	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. *Human Genetics*, **2015**, 134, 131-46	6.3	20
82	Integrative pathway genomics of lung function and airflow obstruction. *Human Molecular Genetics*, **2015**, 24, 6836-48	5.6	20
81	Association of CHRDL1 mutations and variants with X-linked megalocornea, Neuh□ser syndrome and central corneal thickness. *PLoS ONE*, **2014**, 9, e104163	3.7	20
80	Genome-wide association study identifies two novel regions at 11p15.5-p13 and 1p31 with major impact on acute-phase serum amyloid A. *PLoS Genetics*, **2010**, 6, e1001213	6	20
79	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort: The UK Biobank. *Ophthalmology*, **2020**, 127, 62-71	7.3	20
78	Genetic and Dietary Factors Influencing the Progression of Nuclear Cataract. *Ophthalmology*, **2016**, 123, 1237-44	7.3	20
77	The pattern and distribution of retinal breaks in eyes with rhegmatogenous retinal detachment. *American Journal of Ophthalmology*, **2014**, 157, 221-226.e1	4.9	19
76	Common mechanisms underlying refractive error identified in functional analysis of gene lists from genome-wide association study results in 2 European British cohorts. *JAMA Ophthalmology*, **2014**, 132, 50-6	3.9	19
75	Quantile regression analysis reveals widespread evidence for gene-environment or gene-gene interactions in myopia development. *Communications Biology*, **2019**, 2, 167	6.7	18
74	Early life factors for myopia in the British Twins Early Development Study. *British Journal of Ophthalmology*, **2019**, 103, 1078-1084	5.5	18
73	Evaluation of the Myocilin Mutation Gln368Stop Demonstrates Reduced Penetrance for Glaucoma in European Populations. *Ophthalmology*, **2017**, 124, 547-553	7.3	17
72	Bi-allelic Loss-of-Function CACNA1B Mutations in Progressive Epilepsy-Dyskinesia. *American Journal of Human Genetics*, **2019**, 104, 948-956	11	17

71	Phenotypic and genotypic correlation between myopia and intelligence. *Scientific Reports*, **2017**, 7, 45977	4.9	16
70	A commonly occurring genetic variant within the NPLOC4-TSPAN10-PDE6G gene cluster is associated with the risk of strabismus. *Human Genetics*, **2019**, 138, 723-737	6.3	16
69	Prevalence of vitreomacular interface abnormalities on spectral domain optical coherence tomography of patients undergoing macular photocoagulation for centre involving diabetic macular oedema. *British Journal of Ophthalmology*, **2015**, 99, 1078-81	5.5	16
68	Replication of SNP associations with keratoconus in a Czech cohort. *PLoS ONE*, **2017**, 12, e0172365	3.7	16
67	Study of p.N247S KERA mutation in a British family with cornea plana. *Molecular Vision*, **2007**, 13, 1339-47	2.3	16
66	A meta-analysis of reflux genome-wide association studies in 6750 Northern Europeans from the general population. *Neurogastroenterology and Motility*, **2017**, 29, e12923	4	15
65	A genome-wide association study of female sexual dysfunction. *PLoS ONE*, **2012**, 7, e35041	3.7	15
64	Associations with Corneal Hysteresis in a Population Cohort: Results from 96 010 UK Biobank Participants. *Ophthalmology*, **2019**, 126, 1500-1510	7.3	14
63	A multiethnic genome-wide analysis of 44,039 individuals identifies 41 new loci associated with central corneal thickness. *Communications Biology*, **2020**, 3, 301	6.7	14
62	Population stratification in a case-control study of brain arteriovenous malformation in Latinos. *Neuroepidemiology*, **2008**, 31, 224-8	5.4	14
61	Ascorbic acid metabolites are involved in intraocular pressure control in the general population. *Redox Biology*, **2019**, 20, 349-353	11.3	14
60	Genome-wide association study of corneal biomechanical properties identifies over 200 loci providing insight into the genetic etiology of ocular diseases. *Human Molecular Genetics*, **2020**, 29, 3154-3164	5.6	13
59	A GWAS meta-analysis suggests roles for xenobiotic metabolism and ion channel activity in the biology of stool frequency. *Gut*, **2017**, 66, 756-758	19.2	12
58	Genetic Factors Influencing Coagulation Factor XIII B-Subunit Contribute to Risk of Ischemic Stroke. *Stroke*, **2015**, 46, 2069-74	6.7	12
57	An Automatic 3D Facial Landmarking Algorithm Using 2D Gabor Wavelets. *IEEE Transactions on Image Processing*, **2016**, 25, 580-8	8.7	12
56	Sequencing of the CHST6 gene in Czech macular corneal dystrophy patients supports the evidence of a founder mutation. *British Journal of Ophthalmology*, **2008**, 92, 265-7	5.5	12
55	Genome-wide association analysis of 95 549 individuals identifies novel loci and genes influencing optic disc morphology. *Human Molecular Genetics*, **2019**, 28, 3680-3690	5.6	11
54	In-utero epigenetic factors are associated with early-onset myopia in young children. *PLoS ONE*, **2019**, 14, e0214791	3.7	11

53	Clarifying the role of ATOH7 in glaucoma endophenotypes. *British Journal of Ophthalmology*, **2014**, 98, 562-6	5.5	11
52	Integrating genomic and clinical medicine: searching for susceptibility genes in complex lung diseases. *Translational Research*, **2008**, 151, 181-93	11	11
51	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. *Science Advances*, **2021**, 7,	14.3	11
50	Genome-Wide Association Studies Identify Multiple Genetic Loci Influencing Eyebrow Color Variation in Europeans. *Journal of Investigative Dermatology*, **2019**, 139, 1601-1605	4.3	10
49	Copy number variation at chromosome 5q21.2 is associated with intraocular pressure **2013**, 54, 3607-12		10
48	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. *Communications Biology*, **2021**, 4, 266	6.7	10
47	Changes in quality of life shortly after routine cataract surgery. *Canadian Journal of Ophthalmology*, **2016**, 51, 282-287	1.4	10
46	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. *Communications Biology*, **2019**, 2, 435	6.7	10
45	Big data challenges in bone research: genome-wide association studies and next-generation sequencing. *BoneKEy Reports*, **2015**, 4, 635		9
44	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	6.7	9
43	Outcomes of ptosis surgery assessed using a patient-reported outcome measure: an exploration of time effects. *British Journal of Ophthalmology*, **2014**, 98, 387-90	5.5	9
42	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	5.3	9
41	Deep Intronic Sequence Variants in COL2A1 Affect the Alternative Splicing Efficiency of Exon 2, and May Confer a Risk for Rhegmatogenous Retinal Detachment. *Human Mutation*, **2016**, 37, 1085-96	4.7	9
40	Arteriovenous malformation. *Journal of Neurosurgery*, **2007**, 106, 731-2; author reply 732-3	3.2	8
39	Retinal thickness measurements in sickle cell patients with HbSS and HbSC genotype. *Canadian Journal of Ophthalmology*, **2018**, 53, 420-424	1.4	7
38	A large multiethnic GWAS meta-analysis of cataract identifies new risk loci and sex-specific effects. *Nature Communications*, **2021**, 12, 3595	17.4	7
37	A GWAS in Latin Americans identifies novel face shape loci, implicating VPS13B and a Denisovan introgressed region in facial variation. *Science Advances*, **2021**, 7,	14.3	7
36	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. *American Journal of Ophthalmology*, **2019**, 206, 245-255	4.9	6

35	Interocular asymmetries in axial length and refractive error in 4 cohorts. *Ophthalmology*, **2015**, 122, 648-9	7.3	6
34	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. *PLoS ONE*, **2019**, 14, e0220143	3.7	5
33	A genome-wide association study of corneal astigmatism: The CREAM Consortium. *Molecular Vision*, **2018**, 24, 127-142	2.3	5
32	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. *PLoS Genetics*, **2021**, 17, e1009497	6	5
31	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. *Ophthalmology*, **2021**, 128, 1300-1311	7.3	5
30	A large cross-ancestry meta-analysis of genome-wide association studies identifies 69 novel risk loci for primary open-angle glaucoma and includes a genetic link with Alzheimer's disease		4
29	Retinal asymmetry in multiple sclerosis. *Brain*, **2021**, 144, 224-235	11.2	4
28	Twin studies, genome-wide association studies and myopia genetics. *Annals of Eye Science*, **2018**, 2, 69-69	0.9	4
27	Genetic Heritability of Pigmentary Glaucoma and Associations With Other Eye Phenotypes. *JAMA Ophthalmology*, **2020**, 138, 294-299	3.9	4
26	Common polymorphisms in the SERPINI2 gene are associated with refractive error in the 1958 British Birth Cohort **2012**, 53, 440-7		3
25	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. *Communications Biology*, **2020**, 3, 755	6.7	3
24	The genomic loci of specific human tRNA genes exhibit ageing-related DNA hypermethylation. *Nature Communications*, **2021**, 12, 2655	17.4	3
23	Population screening for glaucoma in UK: current recommendations and future directions. *Eye*, **2021**,	4.4	3
22	Twin Registries Moving Forward and Meeting the Future: A Review. *Twin Research and Human Genetics*, **2019**, 22, 201-209	2.2	2
21	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. *Nature Communications*, **2021**, 12, 6618	17.4	2
20	Macular thickness varies with age-related macular degeneration genetic risk variants in the UK Biobank cohort. *Scientific Reports*, **2021**, 11, 23255	4.9	2
19	The Role of Chromosome X in Intraocular Pressure Variation and Sex-Specific Effects **2020**, 61, 20		2
18	Looking for Sunshine: Genetic Predisposition to Sun Seeking in 265,000 Individuals of European Ancestry. *Journal of Investigative Dermatology*, **2021**, 141, 779-786	4.3	2

17	Genetic Determinants of Intraocular Pressure. *Annual Review of Vision Science*, **2021**, 7, 727-746	8.2	2
16	A Genome-Wide Association Study Identifies a Candidate Gene Associated With Atazanavir Exposure Measured in Hair. *Clinical Pharmacology and Therapeutics*, **2018**, 104, 949-956	6.1	1
15	Haplotypes and asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 1066-7	10.2	1
14	Real-time tracking of self-reported symptoms to predict potential COVID-19		1
13	A multiethnic GWAS meta-analysis of 585,243 individuals identifies new risk loci associated with cataract and reveals sex-specific effects		1
12	New Polygenic Risk Score to Predict High Myopia in Singapore Chinese Children. *Translational Vision Science and Technology*, **2021**, 10, 26	3.3	1
11	Association of Pharmacogenetic Markers With Atazanavir Exposure in HIV-Infected Women. *Clinical Pharmacology and Therapeutics*, **2020**, 107, 315-318	6.1	1
10	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort **2021**, 62, 15		1
9	Temporal trends in frequency, type and severity of myopia and associations with key environmental risk factors in the UK: Findings from the UK Biobank Study.. *PLoS ONE*, **2022**, 17, e0260993	3.7	0
8	Machine Learning Algorithms to Detect Subclinical Keratoconus: Systematic Review.. *JMIR Medical Informatics*, **2021**, 9, e27363	3.6	0
7	Variants associated with HHIP expression have sex-differential effects on lung function. *Wellcome Open Research*, **2020**, 5, 111	4.8	0
6	Variants associated with expression have sex-differential effects on lung function. *Wellcome Open Research*, **2020**, 5, 111	4.8	0
5	Testing the impact of trait prevalence priors in Bayesian-based genetic prediction modeling of human appearance traits. *Forensic Science International: Genetics*, **2021**, 50, 102412	4.3	0
4	Prevalence of electronegative electroretinograms in a healthy adult cohort. *BMJ Open Ophthalmology*, **2021**, 6, e000751	3.2	0
3	Associations of Alcohol Consumption and Smoking With Disease Risk and Neurodegeneration in Individuals With Multiple Sclerosis in the United Kingdom.. *JAMA Network Open*, **2022**, 5, e220902	10.4	0
2	Rhegmatogenous Retinal Detachment in the Age of Genomic Medicine. *JAMA Ophthalmology*, **2020** , 138, 678-679	3.9	
1	At What Age Does Age-Related Macular Degeneration Start?. *JAMA Ophthalmology*, **2021**, 139, 1226-1227	3.9	