

Christopher J. Hammond

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3940822/christopher-j-hammond-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

10,719
citations

55
h-index

101
g-index

195
ext. papers

12,905
ext. citations

9.6
avg, IF

5.59
L-index

#	Paper	IF	Citations
185	Human metabolic individuality in biomedical and pharmaceutical research. <i>Nature</i> , 2011 , 477, 54-60	50.4	728
184	Genome-wide association study identifies 12 new susceptibility loci for primary biliary cirrhosis. <i>Nature Genetics</i> , 2011 , 43, 329-32	36.3	396
183	The architecture of gene regulatory variation across multiple human tissues: the MuTHER study. <i>PLoS Genetics</i> , 2011 , 7, e1002003	6	336
182	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011 , 480, 201-8	50.4	330
181	Genome-wide meta-analyses of multi-ancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
180	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
179	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. <i>Nature Genetics</i> , 2010 , 42, 906-9	36.3	303
178	Genes and environment in refractive error: the twin eye study. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 1232-6		234
177	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013 , 45, 155-63	36.3	222
176	Increasing Prevalence of Myopia in Europe and the Impact of Education. <i>Ophthalmology</i> , 2015 , 122, 1489-97	7.7	220
175	Prevalence of refractive error in Europe: the European Eye Epidemiology (E(3)) Consortium. <i>European Journal of Epidemiology</i> , 2015 , 30, 305-15	12.1	193
174	Genetic influence on early age-related maculopathy: a twin study. <i>Ophthalmology</i> , 2002 , 109, 730-6	7.3	191
173	Cohort Profile: TwinsUK and healthy ageing twin study. <i>International Journal of Epidemiology</i> , 2013 , 42, 76-85	7.8	181
172	A genome-wide association study identifies a susceptibility locus for refractive errors and myopia at 15q14. <i>Nature Genetics</i> , 2010 , 42, 897-901	36.3	181
171	The UK Adult Twin Registry (TwinsUK Resource). <i>Twin Research and Human Genetics</i> , 2013 , 16, 144-9	2.2	180
170	A genome-wide association study for myopia and refractive error identifies a susceptibility locus at 15q25. <i>Nature Genetics</i> , 2010 , 42, 902-5	36.3	179
169	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014 , 46, 492-7	36.3	177

168	Genetic and environmental factors in age-related nuclear cataracts in monozygotic and dizygotic twins. <i>New England Journal of Medicine</i> , 2000 , 342, 1786-90	59.2	177
167	A susceptibility locus for myopia in the normal population is linked to the PAX6 gene region on chromosome 11: a genomewide scan of dizygotic twins. <i>American Journal of Human Genetics</i> , 2004 , 75, 294-304	11	173
166	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014 , 46, 1126-1130	36.3	171
165	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , 2016 , 48, 189-94	36.3	159
164	A genome-wide association study of optic disc parameters. <i>PLoS Genetics</i> , 2010 , 6, e1000978	6	157
163	Digital quantification of human eye color highlights genetic association of three new loci. <i>PLoS Genetics</i> , 2010 , 6, e1000934	6	135
162	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848	36.3	135
161	Common genetic determinants of intraocular pressure and primary open-angle glaucoma. <i>PLoS Genetics</i> , 2012 , 8, e1002611	6	131
160	Prevalence and risk factors of dry eye disease in a British female cohort. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1712-7	5.5	123
159	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. <i>Nature Genetics</i> , 2018 , 50, 778-782	36.3	122
158	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	62.4	119
157	Genome-wide association identifies ATOH7 as a major gene determining human optic disc size. <i>Human Molecular Genetics</i> , 2010 , 19, 2716-24	5.6	118
156	Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. <i>American Journal of Human Genetics</i> , 2013 , 93, 264-77	11	116
155	Central corneal thickness is highly heritable: the twin eye studies. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 3718-22		115
154	EPHA2 is associated with age-related cortical cataract in mice and humans. <i>PLoS Genetics</i> , 2009 , 5, e1000584	5.84	114
153	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , 2010 , 6, e1001184	6	111
152	The heritability of ocular traits. <i>Survey of Ophthalmology</i> , 2010 , 55, 561-83	6.1	111
151	Genome-wide joint meta-analysis of SNP and SNP-by-smoking interaction identifies novel loci for pulmonary function. <i>PLoS Genetics</i> , 2012 , 8, e1003098	6	108

150	The heritability of age-related cortical cataract: the twin eye study. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 601-5		107
149	Common genetic variants near the Brittle Cornea Syndrome locus ZNF469 influence the blinding disease risk factor central corneal thickness. <i>PLoS Genetics</i> , 2010 , 6, e1000947	6	106
148	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
147	Estimating heritability and shared environmental effects for refractive error in twin and family studies 2009 , 50, 126-31		101
146	Genome-wide association analysis of coffee drinking suggests association with CYP1A1/CYP1A2 and NRCAM. <i>Molecular Psychiatry</i> , 2012 , 17, 1116-29	15.1	93
145	Shared genetic factors underlie chronic pain syndromes. <i>Pain</i> , 2014 , 155, 1562-1568	8	85
144	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. <i>Human Molecular Genetics</i> , 2017 , 26, 438-453	5.6	80
143	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016 , 7, 11008	17.4	79
142	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015 , 6, 8658	17.4	79
141	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , 2020 , 52, 160-166	36.3	78
140	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017 , 100, 865-884	11	74
139	Predictors of Discordance between Symptoms and Signs in Dry Eye Disease. <i>Ophthalmology</i> , 2017 , 124, 280-286	7.3	73
138	IMI - Myopia Genetics Report 2019 , 60, M89-M105		73
137	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014 , 5, 4883	17.4	71
136	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. <i>Nature Genetics</i> , 2020 , 52, 401-407	36.3	68
135	Relationship between dry eye symptoms and pain sensitivity. <i>JAMA Ophthalmology</i> , 2013 , 131, 1304-8	3.9	67
134	Heritability of macular pigment: a twin study. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 4430-6		66
133	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , 2015 , 39, 207-16	2.6	58

132	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , 2016 , 6, 25853	4.9	57
131	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. <i>Human Genetics</i> , 2012 , 131, 1467-80	6.3	57
130	Genome-wide association studies of refractive error and myopia, lessons learned, and implications for the future 2014 , 55, 3344-51		54
129	TwinsUK: The UK Adult Twin Registry Update. <i>Twin Research and Human Genetics</i> , 2019 , 22, 523-529	2.2	51
128	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence from the EYE-RISK and European Eye Epidemiology Consortia. <i>Ophthalmology</i> , 2019 , 126, 393-406	7.3	49
127	Adjusted sequence kernel association test for rare variants controlling for cryptic and family relatedness. <i>Genetic Epidemiology</i> , 2013 , 37, 366-76	2.6	47
126	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , 2021 , 12, 1258	17.4	47
125	Association Between Myopia, Ultraviolet B Radiation Exposure, Serum Vitamin D Concentrations, and Genetic Polymorphisms in Vitamin D Metabolic Pathways in a Multicountry European Study. <i>JAMA Ophthalmology</i> , 2017 , 135, 47-53	3.9	46
124	What is the appropriate age cut-off for cycloplegia in refraction?. <i>Acta Ophthalmologica</i> , 2014 , 92, e458-62	6.7	43
123	Audit of the use of IVC filters in the UK: experience from three centres over 12 years. <i>Clinical Radiology</i> , 2009 , 64, 502-10	2.9	43
122	How strong is the relationship between glaucoma, the retinal nerve fibre layer, and neurodegenerative diseases such as Alzheimer's disease and multiple sclerosis?. <i>Eye</i> , 2015 , 29, 1270-84	4.4	41
121	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. <i>Ophthalmology</i> , 2018 , 125, 1526-1536	7.3	41
120	Genetic dissection of myopia: evidence for linkage of ocular axial length to chromosome 5q. <i>Ophthalmology</i> , 2008 , 115, 1053-1057.e2	7.3	39
119	Clinical Characteristics of Dry Eye Patients With Chronic Pain Syndromes. <i>American Journal of Ophthalmology</i> , 2016 , 162, 59-65.e2	4.9	37
118	Advances in the genomics of common eye diseases. <i>Human Molecular Genetics</i> , 2013 , 22, R59-65	5.6	37
117	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018 , 9, 1864	17.4	37
116	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. <i>PLoS ONE</i> , 2014 , 9, e107110	3.7	36
115	Quantitative genetic analysis of the retinal vascular caliber: the Australian Twins Eye Study. <i>Hypertension</i> , 2009 , 54, 788-95	8.5	34

114	Twins eye study in Tasmania (TEST): rationale and methodology to recruit and examine twins. <i>Twin Research and Human Genetics</i> , 2009 , 12, 441-54	2.2	33
113	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1682-1691	27.4	31
112	Genetic variants near PDGFRA are associated with corneal curvature in Australians 2012 , 53, 7131-6		31
111	Comparison of three methods of intraocular pressure measurement and their relation to central corneal thickness. <i>Eye</i> , 2010 , 24, 1165-70	4.4	31
110	The Roles of PAX6 and SOX2 in Myopia: lessons from the 1958 British Birth Cohort. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4421-5		31
109	Frequency and Distribution of Refractive Error in Adult Life: Methodology and Findings of the UK Biobank Study. <i>PLoS ONE</i> , 2015 , 10, e0139780	3.7	28
108	Effects of age on genetic influence on bone loss over 17 years in women: the Healthy Ageing Twin Study (HATS). <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 2170-8	6.3	27
107	Executive and attention functioning among children in the PANDAS subgroup. <i>Child Neuropsychology</i> , 2009 , 15, 179-94	2.7	27
106	A Metabolome-Wide Study of Dry Eye Disease Reveals Serum Androgens as Biomarkers. <i>Ophthalmology</i> , 2017 , 124, 505-511	7.3	26
105	Sex differences in clinical characteristics of dry eye disease. <i>Ocular Surface</i> , 2018 , 16, 242-248	6.5	26
104	The heritability of dry eye disease in a female twin cohort 2014 , 55, 7278-83		26
103	Factors affecting pupil size after dilatation: the Twin Eye Study. <i>British Journal of Ophthalmology</i> , 2000 , 84, 1173-6	5.5	26
102	Genetic Variants Associated With Corneal Biomechanical Properties and Potentially Conferring Susceptibility to Keratoconus in a Genome-Wide Association Study. <i>JAMA Ophthalmology</i> , 2019 , 137, 1005-1012	3.9	25
101	Risk factors for myopia in a discordant monozygotic twin study. <i>Ophthalmic and Physiological Optics</i> , 2015 , 35, 643-51	4.1	25
100	The heritability of macular response to supplemental lutein and zeaxanthin: a classic twin study 2012 , 53, 4963-8		25
99	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. <i>Human Genetics</i> , 2018 , 137, 847-862	6.3	25
98	Optic disc planimetry, corneal hysteresis, central corneal thickness, and intraocular pressure as risk factors for glaucoma. <i>American Journal of Ophthalmology</i> , 2014 , 157, 441-6	4.9	24
97	Genome-wide association study of intraocular pressure identifies the GLCCI1/ICA1 region as a glaucoma susceptibility locus. <i>Human Molecular Genetics</i> , 2013 , 22, 4653-60	5.6	24

96	Prevalence and risk factors of dry eye in 79,866 participants of the population-based Lifelines cohort study in the Netherlands. <i>Ocular Surface</i> , 2021 , 19, 83-93	6.5	24
95	Candidate gene study of macular response to supplemental lutein and zeaxanthin. <i>Experimental Eye Research</i> , 2013 , 115, 172-7	3.7	23
94	Investigation of genetic variation in scavenger receptor class B, member 1 (SCARB1) and association with serum carotenoids. <i>Ophthalmology</i> , 2013 , 120, 1632-40	7.3	23
93	Identification of a candidate gene for astigmatism 2013 , 54, 1260-7		23
92	Repeated measures of intraocular pressure result in higher heritability and greater power in genetic linkage studies 2009 , 50, 5115-9		23
91	Age of myopia onset in a British population-based twin cohort. <i>Ophthalmic and Physiological Optics</i> , 2013 , 33, 339-45	4.1	22
90	Heritability of intraocular pressure: a classical twin study. <i>British Journal of Ophthalmology</i> , 2008 , 92, 1125-8	5.5	22
89	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 197-210	12.1	21
88	Association of FTO gene variants with body composition in UK twins. <i>Annals of Human Genetics</i> , 2012 , 76, 333-41	2.2	21
87	Association mapping of the high-grade myopia MYP3 locus reveals novel candidates UHRF1BP1L, PTPRR, and PPFIA2 2013 , 54, 2076-86		21
86	The relationship between retinal arteriolar and venular calibers is genetically mediated, and each is associated with risk of cardiovascular disease 2011 , 52, 975-81		21
85	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. <i>Human Mutation</i> , 2017 , 38, 1025-1032	4.7	20
84	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , 2015 , 134, 131-46	6.3	20
83	Association of CHRDL1 mutations and variants with X-linked megalocornea, Neuhüser syndrome and central corneal thickness. <i>PLoS ONE</i> , 2014 , 9, e104163	3.7	20
82	Genome-wide association study identifies two novel regions at 11p15.5-p13 and 1p31 with major impact on acute-phase serum amyloid A. <i>PLoS Genetics</i> , 2010 , 6, e1001213	6	20
81	Heritability of strabismus: genetic influence is specific to eso-deviation and independent of refractive error. <i>Twin Research and Human Genetics</i> , 2012 , 15, 624-30	2.2	20
80	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort: The UK Biobank. <i>Ophthalmology</i> , 2020 , 127, 62-71	7.3	20
79	Low-dose (0.01%) atropine eye-drops to reduce progression of myopia in children: a multicentre placebo-controlled randomised trial in the UK (CHAMP-UK)-study protocol. <i>British Journal of Ophthalmology</i> , 2020 , 104, 950-955	5.5	20

78	Genetic and Dietary Factors Influencing the Progression of Nuclear Cataract. <i>Ophthalmology</i> , 2016 , 123, 1237-44	7.3	20
77	Common mechanisms underlying refractive error identified in functional analysis of gene lists from genome-wide association study results in 2 European British cohorts. <i>JAMA Ophthalmology</i> , 2014 , 132, 50-6	3.9	19
76	Early life factors for myopia in the British Twins Early Development Study. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1078-1084	5.5	18
75	Evaluation of the Myocilin Mutation Gln368Stop Demonstrates Reduced Penetrance for Glaucoma in European Populations. <i>Ophthalmology</i> , 2017 , 124, 547-553	7.3	17
74	Do twins share the same dress code? Quantifying relative genetic and environmental contributions to subjective perceptions of "the dress" in a classical twin study. <i>Journal of Vision</i> , 2017 , 17, 29	0.4	17
73	Phenotypic and genotypic correlation between myopia and intelligence. <i>Scientific Reports</i> , 2017 , 7, 45974	4.9	16
72	The first "classical" twin study? Analysis of refractive error using monozygotic and dizygotic twins published in 1922. <i>Twin Research and Human Genetics</i> , 2005 , 8, 198-200	2.2	16
71	Associations with intraocular pressure across Europe: The European Eye Epidemiology (E) Consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 1101-1111	12.1	16
70	The First "Classical" Twin Study? Analysis of Refractive Error Using Monozygotic and Dizygotic Twins Published in 1922. <i>Twin Research and Human Genetics</i> , 2005 , 8, 198-200	2.2	15
69	Ophthalmic phenotypes and the representativeness of twin data for the general population 2011 , 52, 5565-72		14
68	Ascorbic acid metabolites are involved in intraocular pressure control in the general population. <i>Redox Biology</i> , 2019 , 20, 349-353	11.3	14
67	Effect of varying skin surface electrode position on electroretinogram responses recorded using a handheld stimulating and recording system. <i>Documenta Ophthalmologica</i> , 2018 , 137, 79-86	2.2	13
66	Genome-wide association study of corneal biomechanical properties identifies over 200 loci providing insight into the genetic etiology of ocular diseases. <i>Human Molecular Genetics</i> , 2020 , 29, 3154-3164	5.6	13
65	Genetic and Environmental Factors Associated With the Ganglion Cell Complex in a Healthy Aging British Cohort. <i>JAMA Ophthalmology</i> , 2017 , 135, 31-38	3.9	12
64	Clarifying the role of ATOH7 in glaucoma endophenotypes. <i>British Journal of Ophthalmology</i> , 2014 , 98, 562-6	5.5	11
63	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021 , 7,	14.3	11
62	The physical and mental burden of dry eye disease: A large population-based study investigating the relationship with health-related quality of life and its determinants. <i>Ocular Surface</i> , 2021 , 21, 107-117	6.5	11
61	Copy number variation at chromosome 5q21.2 is associated with intraocular pressure 2013 , 54, 3607-12		10

60	A multi-ethnic genome-wide association study implicates collagen matrix integrity and cell differentiation pathways in keratoconus. <i>Communications Biology</i> , 2021 , 4, 266	6.7	10
59	Changes in quality of life shortly after routine cataract surgery. <i>Canadian Journal of Ophthalmology</i> , 2016 , 51, 282-287	1.4	10
58	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. <i>Communications Biology</i> , 2019 , 2, 435	6.7	10
57	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. <i>Communications Biology</i> , 2020 , 3, 133	6.7	9
56	Genetic African Ancestry Is Associated With Central Corneal Thickness and Intraocular Pressure in Primary Open-Angle Glaucoma 2017 , 58, 3172-3180		9
55	Outcomes of ptosis surgery assessed using a patient-reported outcome measure: an exploration of time effects. <i>British Journal of Ophthalmology</i> , 2014 , 98, 387-90	5.5	9
54	High heritability of posterior corneal tomography, as measured by Scheimpflug imaging, in a twin study. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 8359-64		9
53	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. <i>Scientific Reports</i> , 2021 , 11, 6337	4.9	9
52	Definitive Zygosity Scores in the Peas in the Pod Questionnaire is a Sensitive and Accurate Assessment of the Zygosity of Adult Twins. <i>Twin Research and Human Genetics</i> , 2018 , 21, 146-154	2.2	8
51	The heritability of the ring-like distribution of macular pigment assessed in a twin study 2014 , 55, 2214-9		8
50	Myopia: Why Study the Mechanisms of Myopia? Novel Approaches to Risk Factors Signaling Eye Growth- How Could Basic Biology Be Translated into Clinical Insights? Where Are Genetic and Proteomic Approaches Leading? How Does Visual Function Contribute to and Interact with Ametropia? Does Eye Shape Matter? Why Ametropia at All? <i>Optometry and Vision Science</i> , 2011 , 88, 404-447	2.1	8
49	The spectrum of eye disease in children with AIDS due to vertically transmitted HIV disease: clinical findings, virology and recommendations for surveillance. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1997 , 235, 125-9	3.8	8
48	Relative Genetic and Environmental Contributions to Variations in Human Retinal Electrical Responses Quantified in a Twin Study. <i>Ophthalmology</i> , 2017 , 124, 1175-1185	7.3	7
47	Western Australia Atropine for the Treatment of Myopia (WA-ATOM) study: Rationale, methodology and participant baseline characteristics. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 569-579	2.4	7
46	The correlation between cognitive performance and retinal nerve fibre layer thickness is largely explained by genetic factors. <i>Scientific Reports</i> , 2016 , 6, 34116	4.9	7
45	Family-Based Genome-Wide Association Study of South Indian Pedigrees Supports WNT7B as a Central Corneal Thickness Locus 2018 , 59, 2495-2502		7
44	The relationship between dry eye and sleep quality. <i>Ocular Surface</i> , 2021 , 20, 13-19	6.5	7
43	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. <i>American Journal of Ophthalmology</i> , 2019 , 206, 245-255	4.9	6

42	A twin study of cilioretinal arteries, tilted discs and situs inversus. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 333-340	3.8	6
41	Interocular asymmetries in axial length and refractive error in 4 cohorts. <i>Ophthalmology</i> , 2015 , 122, 648-93	9.3	6
40	Modelling the initial phase of the human rod photoreceptor response to the onset of steady illumination. <i>Documenta Ophthalmologica</i> , 2012 , 124, 125-31	2.2	6
39	IMI 2021 Yearly Digest 2021 , 62, 7		6
38	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019 , 14, e0220143	3.7	5
37	Anterior ischemic optic neuropathy after strabismus surgery. <i>Journal of Neuro-Ophthalmology</i> , 2009 , 29, 157-8	2.6	5
36	A genome-wide association study of corneal astigmatism: The CREAM Consortium. <i>Molecular Vision</i> , 2018 , 24, 127-142	2.3	5
35	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. <i>PLoS Genetics</i> , 2021 , 17, e1009497	6	5
34	GWAS in myopia: insights into disease and implications for the clinic. <i>Expert Review of Ophthalmology</i> , 2016 , 11, 101-110	1.5	5
33	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , 2021 , 128, 1300-1311	7.3	5
32	Choice of analytic approach for eye-specific outcomes: one eye or two?. <i>American Journal of Ophthalmology</i> , 2012 , 153, 781-2; author reply 782	4.9	4
31	Incidence and Progression of Myopia in Early Adulthood.. <i>JAMA Ophthalmology</i> , 2022 ,	3.9	4
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	Genetic Heritability of Pigmentary Glaucoma and Associations With Other Eye Phenotypes. <i>JAMA Ophthalmology</i> , 2020 , 138, 294-299	3.9	4
28	Common polymorphisms in the SERPIN2 gene are associated with refractive error in the 1958 British Birth Cohort 2012 , 53, 440-7		3
27	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. <i>Communications Biology</i> , 2020 , 3, 755	6.7	3
26	Aging Trajectories in Different Body Systems Share Common Environmental Etiology: The Healthy Aging Twin Study (HATS). <i>Twin Research and Human Genetics</i> , 2016 , 19, 27-34	2.2	3
25	Twin studies in inherited eye disease. <i>Clinical and Experimental Ophthalmology</i> , 2014 , 42, 84-93	2.4	2

24	Potential effect of 'cut-off intensity' on correlation between light meter measurements and time outdoors. <i>Eye</i> , 2013 , 27, 990-1	4.4	2
23	The Role of Chromosome X in Intraocular Pressure Variation and Sex-Specific Effects 2020 , 61, 20		2
22	Exploring correlations between change in visual acuity following routine cataract surgery and improvement in quality of life assessed with the Glasgow Benefit Inventory. <i>Eye</i> , 2018 , 32, 1549-1550	4.4	2
21	Advances, limitations and future perspectives in the diagnosis and management of dry eye in Sjögren's syndrome. <i>Clinical and Experimental Rheumatology</i> , 2020 , 38 Suppl 126, 301-309	2.2	2
20	The vision-related burden of dry eye. <i>Ocular Surface</i> , 2021 , 23, 207-207	6.5	1
19	Associations Between Fetal Growth Trajectories and the Development of Myopia by 20 Years of Age 2020 , 61, 26		1
18	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. <i>Scientific Reports</i> , 2020 , 10, 12485	4.9	1
17	Evidence That Pupil Size and Reactivity Are Determined More by Your Parents Than by Your Environment. <i>Frontiers in Neurology</i> , 2021 , 12, 651755	4.1	1
16	The relationship between alcohol consumption and dry eye. <i>Ocular Surface</i> , 2021 , 21, 87-95	6.5	1
15	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort 2021 , 62, 15		1
14	Repeatability of the macular pigment spatial profile: A comparison of objective versus subjective classification. <i>Acta Ophthalmologica</i> , 2018 , 96, e797-e803	3.7	1
13	Medication use and dry eye symptoms: A large, hypothesis-free, population-based study in the Netherlands. <i>Ocular Surface</i> , 2021 , 22, 1-12	6.5	1
12	The Association of Ambient Air Pollution With Cataract Surgery in UK Biobank Participants: Prospective Cohort Study 2021 , 62, 7		1
11	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.. <i>PLoS ONE</i> , 2022 , 17, e0260993	3.7	0
10	Can Visual Acuity Be Reliably Measured at Home? Validation of Telemedicine Remote Computerised Visual Acuity Measurements. <i>British and Irish Orthoptic Journal</i> , 2021 , 17, 119-126	1.2	0
9	Prevalence of electronegative electroretinograms in a healthy adult cohort. <i>BMJ Open Ophthalmology</i> , 2021 , 6, e000751	3.2	0
8	Change in the prevalence of myopia in Australian middle-aged adults across 20 years. <i>Clinical and Experimental Ophthalmology</i> , 2021 , 49, 1039-1047	2.4	0
7	Electrophysiological Assessment in Birdshot Chorioretinopathy: Flicker Electroretinograms Recorded With a Handheld Device.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 23	3.3	0

- 6 Re: Datiles et al.: Longitudinal study of age-related cataract using dynamic light scattering: loss of crystallin leads to nuclear cataract development (Ophthalmology 2016;123:248-54). *Ophthalmology*, **2016**, 123, e47-e48 7.3
- 5 Response: Cycloplegia in refraction: age and cycloplegics. *Acta Ophthalmologica*, **2016**, 94, e373 3.7
- 4 Reply. *Ophthalmology*, **2016**, 123, e29 7.3
- 3 'Dilatation' and 'dilation': trends in use on both sides of the Atlantic. *British Journal of Ophthalmology*, **2014**, 98, 845-6 5.5
- 2 Re: Lee et al.: Longitudinal changes in peripapillary retinal nerve fiber layer thickness in high myopia: a prospective, observational study (Ophthalmology. 2019;126:522-528). *Ophthalmology*, **2020**, 127, e9-e10 7.3
- 1 Consortium for Refractive Error and Myopia (CREAM): Vision, Mission, and Accomplishments. *Essentials in Ophthalmology*, **2021**, 381-407 0.2