## Genome-wide meta-analyses of multiancestry cohorts i loci for refractive error and myopia

Nature Genetics 45, 314-318 DOI: 10.1038/ng.2554

**Citation Report** 

#	Article	IF	CITATIONS
1	Mutations in LRPAP1 Are Associated with Severe Myopia in Humans. American Journal of Human Genetics, 2013, 93, 313-320.	2.6	104
2	Genetic susceptibility and mechanisms for refractive error. Clinical Genetics, 2013, 84, 102-108.	1.0	42
3	Whole genome expression profiling of normal human fetal and adult ocular tissues. Experimental Eye Research, 2013, 116, 265-278.	1.2	19
4	Education influences the role of genetics in myopia. European Journal of Epidemiology, 2013, 28, 973-980.	2.5	102
5	Advances in the genomics of common eye diseases. Human Molecular Genetics, 2013, 22, R59-R65.	1.4	46
6	The Rotterdam Study: 2014 objectives and design update. European Journal of Epidemiology, 2013, 28, 889-926.	2.5	282
7	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	2.6	139
9	Exome sequencing reveals CCDC111 mutation associated with high myopia. Human Genetics, 2013, 132, 913-921.	1.8	74
10	Birth Order and Myopia: What are the Messages to Readers?. Ophthalmic Epidemiology, 2013, 20, 333-334.	0.8	5
11	Focusing In on the Complex Genetics of Myopia. PLoS Genetics, 2013, 9, e1003442.	1.5	58
12	Advances in the genetics of eye diseases. Current Opinion in Pediatrics, 2013, 25, 645-652.	1.0	6
13	Myopia—Yesterday, Today, and Tomorrow. Optometry and Vision Science, 2013, 90, 1161-1164.	0.6	9
14	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. Human Molecular Genetics, 2013, 22, 5288-5294.	1.4	59
15	Genome-wide association study identifies genetic risk underlying primary rhegmatogenous retinal detachment. Human Molecular Genetics, 2013, 22, 3174-3185.	1.4	34
16	Age of myopia onset in a <scp>B</scp> ritish populationâ€based twin cohort. Ophthalmic and Physiological Optics, 2013, 33, 339-345.	1.0	33
17	The Syndrome of Microcornea, Myopic Chorioretinal Atrophy, and Telecanthus (MMCAT) Is Caused by Mutations in <i>ADAMTS18</i> . Human Mutation, 2013, 34, 1195-1199.	1.1	56
19	Myopia Stabilization and Associated Factors Among Participants in the Correction of Myopia Evaluation Trial (COMET). , 2013, 54, 7871.		148
20	A Functional Polymorphism at the FGF10 Gene Is Associated With Extreme Myopia. , 2013, 54, 3265.		25

#	Article	IF	CITATIONS
21	Association Between <i>ZIC2</i> , <i>RASGRF1</i> , and <i>SHISA6</i> Genes and High Myopia in Japanese Subjects. , 2013, 54, 7492.		22
22	Association study of IGF1 polymorphisms with susceptibility to high myopia in a Japanese population. Clinical Ophthalmology, 2013, 7, 2057.	0.9	10
23	The power of regional heritability analysis for rare and common variant detection: simulations and application to eye biometrical traits. Frontiers in Genetics, 2013, 4, 232.	1.1	36
24	Genome-Wide Meta-Analysis of Myopia and Hyperopia Provides Evidence for Replication of 11 Loci. PLoS ONE, 2014, 9, e107110.	1.1	40
25	Gene Profiling of Postnatal Mfrprd6 Mutant Eyes Reveals Differential Accumulation of Prss56, Visual Cycle and Phototransduction mRNAs. PLoS ONE, 2014, 9, e110299.	1.1	26
26	Genetic variation of the RASCRF1 regulatory region affects human hippocampus-dependent memory. Frontiers in Human Neuroscience, 2014, 8, 260.	1.0	22
27	Parapapillary Beta Zone in Primary School Children in Beijing: Associations With Outdoor Activity. , 2014, 55, 918.		9
28	The Contributions of Near Work and Outdoor Activity to the Correlation Between Siblings in the Collaborative Longitudinal Evaluation of Ethnicity and Refractive Error (CLEERE) Study. , 2014, 55, 6333.		34
29	Genetic and environmental effects on myopia development and progression. Eye, 2014, 28, 126-133.	1.1	95
30	Comprehensive Replication of the Relationship Between Myopia-Related Genes and Refractive Errors in a Large Japanese Cohort. , 2014, 55, 7343.		46
31	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. Nature Communications, 2014, 5, 4883.	5.8	89
32	Translating the <scp>ENC</scp> yclopedia Of <scp>DNA E</scp> lements <scp>P</scp> roject findings to the clinic: <scp>ENCODE</scp> 's implications for eye disease. Clinical and Experimental Ophthalmology, 2014, 42, 78-83.	1.3	16
33	Visual activity and its association with myopia stabilisation. Ophthalmic and Physiological Optics, 2014, 34, 353-361.	1.0	31
34	<i>SLC39A5</i> mutations interfering with the BMP/TGF-β pathway in non-syndromic high myopia. Journal of Medical Genetics, 2014, 51, 518-525.	1.5	83
35	Genome-wide association study success in ophthalmology. Current Opinion in Ophthalmology, 2014, 25, 386-393.	1.3	22
36	PAX6 Gene Associated with High Myopia. Optometry and Vision Science, 2014, 91, 419-429.	0.6	35
37	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. Human Molecular Genetics, 2014, 23, 546-554.	1.4	63
38	<i>TGIF1</i> is a Potential Candidate Gene for High Myopia in Ethnic Kashmiri Population. Current Eye Research, 2014, 39, 282-290.	0.7	14

	CHATION	REPORT	
#	Article	IF	CITATIONS
39	Developments in Ocular Genetics. Asia-Pacific Journal of Ophthalmology, 2014, 3, 181-193.	1.3	7
40	Comprehensive analysis of gene expression in human retina and supporting tissues. Human Molecular Genetics, 2014, 23, 4001-4014.	1.4	109
42	Expanding the phenotypic spectrum of <i>ECEL1</i> â€related congenital contracture syndromes. Clinical Genetics, 2014, 85, 562-567.	1.0	27
43	Myopic anisometropia: ocular characteristics and aetiological considerations. Australasian journal of optometry, The, 2014, 97, 291-307.	0.6	62
44	Twin studies in inherited eye disease. Clinical and Experimental Ophthalmology, 2014, 42, 84-93.	1.3	3
45	Genetic Variants Associated With Severe Retinopathy of Prematurity in Extremely Low Birth Weight Infants. , 2014, 55, 6194.		57
46	Myopia and Level of Education. Ophthalmology, 2014, 121, 2047-2052.	2.5	151
47	II.B. Myopic Vitreopathy. , 2014, , 113-129.		4
48	CHD2 haploinsufficiency is associated with developmental delay, intellectual disability, epilepsy and neurobehavioural problems. Journal of Neurodevelopmental Disorders, 2014, 6, 9.	1.5	71
49	Association study of 15q14 and 15q25 with high myopia in the Han Chinese population. BMC Genetics, 2014, 15, 51.	2.7	12
50	Genome-wide association studies: applications and insights gained in Ophthalmology. Eye, 2014, 28, 1066-1079.	1.1	16
51	Genome-Wide Association Studies of Refractive Error and Myopia, Lessons Learned, and Implications for the Future. , 2014, 55, 3344.		65
52	Genetic analysis of axial length genes in high grade myopia from Indian population. Meta Gene, 2014, 2, 164-175.	0.3	5
53	Harmonizing the Classification of Age-related Macular Degeneration in the Three-Continent AMD Consortium. Ophthalmic Epidemiology, 2014, 21, 14-23.	0.8	83
54	The progression of myopia from its onset at age 8–12 to adulthood and the influence of heredity and external factors on myopic progression. A 23â€year followâ€up study. Acta Ophthalmologica, 2014, 92, 730-739.	0.6	95
55	Risk factors for myopia in a discordant monozygotic twin study. Ophthalmic and Physiological Optics, 2015, 35, 643-651.	1.0	30
56	Concise Review: Using Stem Cells to Prevent the Progression of Myopia—A Concept. Stem Cells, 2015, 33, 2104-2113.	1.4	23
57	Clinical prediction of the need for interventions for the control of myopia. Australasian journal of optometry, The, 2015, 98, 518-526.	0.6	16

#	Article	IF	CITATIONS
58	Association between parental myopia and the risk of myopia in a child. Experimental and Therapeutic Medicine, 2015, 9, 2420-2428.	0.8	31
59	Role of directâ€toâ€consumer genetic testing for complex disease in diagnostics and research. Clinical and Experimental Ophthalmology, 2015, 43, 503-504.	1.3	2
60	Relative Contribution of Risk Factors for Early-Onset Myopia in Young Asian Children. , 2015, 56, 8101.		55
61	Ethnic Variations in Myopia and Ocular Biometry Among Adults in a Rural Community in China: The Yunnan Minority Eye Studies. , 2015, 56, 3235.		24
62	BMP-2 Is Involved in Scleral Remodeling in Myopia Development. PLoS ONE, 2015, 10, e0125219.	1.1	31
63	Association between Insulin-Like Growth Factor 1 Gene rs12423791 or rs6214 Polymorphisms and High Myopia: A Meta-Analysis. PLoS ONE, 2015, 10, e0129707.	1.1	7
64	Association Tests of Multiple Phenotypes: ATeMP. PLoS ONE, 2015, 10, e0140348.	1.1	9
65	Evaluation of Four Genetic Variants in Han Chinese Subjects with High Myopia. Journal of Ophthalmology, 2015, 2015, 1-6.	0.6	7
66	Rare coding variants and X-linked loci associated with age at menarche. Nature Communications, 2015, 6, 7756.	5.8	32
67	Prevalence of Myopia in Schoolchildren in Ejina: The Gobi Desert Children Eye Study. Investigative Ophthalmology and Visual Science, 2015, 56, 1769-1774.	3.3	63
68	A Genome-wide Association Study of Periodontitis in a Japanese Population. Journal of Dental Research, 2015, 94, 555-561.	2.5	58
69	Increasing Prevalence of Myopia in Europe and the Impact of Education. Ophthalmology, 2015, 122, 1489-1497.	2.5	329
70	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. Human Genetics, 2015, 134, 131-146.	1.8	24
71	Prevalence of refractive error in Europe: the European Eye Epidemiology (E3) Consortium. European Journal of Epidemiology, 2015, 30, 305-315.	2.5	306
72	Evaluation of 12 Myopia-Associated Genes in Chinese Patients With High Myopia. Investigative Ophthalmology and Visual Science, 2015, 56, 722-729.	3.3	60
73	Prediction of Juvenile-Onset Myopia. JAMA Ophthalmology, 2015, 133, 683.	1.4	192
74	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	5.8	70
75	Genetics of Refraction and Myopia. Progress in Molecular Biology and Translational Science, 2015, 134, 269-279.	0.9	34

#	Article	IF	CITATIONS
76	Clinically relevant copy number variations detected in cerebral palsy. Nature Communications, 2015, 6, 7949.	5.8	120
77	Genome-wide interaction study of gene-by-occupational exposure and effects on FEV1 levels. Journal of Allergy and Clinical Immunology, 2015, 136, 1664-1672.e14.	1.5	34
78	Genes, pathways, and animal models in primary open-angle glaucoma. Eye, 2015, 29, 1285-1298.	1.1	45
79	Myopia and Cognitive Performance: Results From the Gutenberg Health Study. , 2016, 57, 5230.		21
80	Evaluation of 10 AMD Associated Polymorphisms as a Cause of Choroidal Neovascularization in Highly Myopic Eyes. PLoS ONE, 2016, 11, e0162296.	1.1	10
81	Myopia among school students in rural China (Yunnan). Ophthalmic and Physiological Optics, 2016, 36, 381-387.	1.0	61
82	What is the influence of parents' myopia on their children's myopic progression? A 22â€year followâ€up study. Acta Ophthalmologica, 2016, 94, 579-585.	0.6	20
83	Retinal and choroidal expression of BMP-2 in lens-induced myopia and recovery from myopia in guinea pigs. Molecular Medicine Reports, 2016, 13, 2671-2676.	1.1	17
84	Differential gene expression of BMP2 and BMP receptors in chick retina & choroid induced by imposed optical defocus. Visual Neuroscience, 2016, 33, E015.	0.5	11
85	Myopia Genetics—The Asia-Pacific Perspective. Asia-Pacific Journal of Ophthalmology, 2016, 5, 236-244.	1.3	22
86	Myopia. Asia-Pacific Journal of Ophthalmology, 2016, 5, 383-385.	1.3	1
87	Axial Length and Associated Factors in Children: The Shandong Children Eye Study. Ophthalmologica, 2016, 235, 78-86.	1.0	39
88	Taking Exception to Human Eugenics. Genetics, 2016, 204, 821-823.	1.2	6
89	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	9.4	147
90	GWAS in myopia: insights into disease and implications for the clinic. Expert Review of Ophthalmology, 2016, 11, 101-110.	0.3	5
91	HaploReg v4: systematic mining of putative causal variants, cell types, regulators and target genes for human complex traits and disease. Nucleic Acids Research, 2016, 44, D877-D881.	6.5	796
92	New Locus for Skin Intrinsic Fluorescence in Type 1 Diabetes Also Associated With Blood and Skin Glycated Proteins. Diabetes, 2016, 65, 2060-2071.	0.3	10
93	When do myopia genes have their effect? Comparison of genetic risks between children and adults. Genetic Epidemiology, 2016, 40, 756-766.	0.6	34

#	Article	IF	CITATIONS
94	Meta-analysis of gene–environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	5.8	104
95	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.	1.6	80
96	The correlation between cognitive performance and retinal nerve fibre layer thickness is largely explained by genetic factors. Scientific Reports, 2016, 6, 34116.	1.6	11
97	Myopia—The future progression of myopia: Seeing where we are going. Ophthalmic Genetics, 2016, 37, 361-365.	0.5	2
98	Uncovering obsessive-compulsive disorder risk genes in a pediatric cohort by high-resolution analysis of copy number variation. Journal of Neurodevelopmental Disorders, 2016, 8, 36.	1.5	55
99	Indexing Effects of Copy Number Variation on Genes Involved in Developmental Delay. Scientific Reports, 2016, 6, 28663.	1.6	35
100	Exploration and detection of potential regulatory variants in refractive error GWAS. Scientific Reports, 2016, 6, 33090.	1.6	11
101	What Twin Studies Have Taught Us About Myopia. Asia-Pacific Journal of Ophthalmology, 2016, 5, 411-414.	1.3	15
102	Longitudinal changes in corneal curvature and its relationship to axial length in the Correction of Myopia Evaluation Trial (COMET) cohort. Journal of Optometry, 2016, 9, 13-21.	0.7	59
103	Childhood febrile illness and the risk of myopia in UK Biobank participants. Eye, 2016, 30, 608-614.	1.1	23
104	Genome-wide rare copy number variations contribute to genetic risk for transposition of the great arteries. International Journal of Cardiology, 2016, 204, 115-121.	0.8	26
105	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology―(E3) consortium. European Journal of Epidemiology, 2016, 31, 197-210.	2.5	32
106	Current Understanding of the Genetic Architecture of Rhegmatogenous Retinal Detachment. Ophthalmic Genetics, 2016, 37, 121-129.	0.5	13
107	Updates of pathologic myopia. Progress in Retinal and Eye Research, 2016, 52, 156-187.	7.3	380
108	Duke-Elder's Views on Prognosis, Prophylaxis, and Treatment of Myopia: Way Ahead of His Time. Strabismus, 2016, 24, 40-43.	0.4	9
109	Severe ocular phenotypes in Rbp4-deficient mice in the C57BL/6 genetic background. Laboratory Investigation, 2016, 96, 680-691.	1.7	20
110	Controversial opinion: evaluation of EGR1 and LAMA2 loci for high myopia in Chinese populations. Journal of Zhejiang University: Science B, 2016, 17, 225-235.	1.3	4
111	Anteroposterior Patterning of Gene Expression in the Human Infant Sclera: Chondrogenic Potential and Wnt Signaling. Current Eye Research, 2017, 42, 145-154.	0.7	4

ARTICLE IF CITATIONS # Nature versus nurture: A systematic approach to elucidate geneâ€"environment interactions in the 112 0.5 6 development of myopic refractive errors. Ophthalmic Genetics, 2017, 38, 117-121. Association of <i>IGF1</i> and <i>IGF1R</i> gene polymorphisms with high myopia in a Han Chinese population. Ophthalmic Genetics, 2017, 38, 122-126. Genetic Variants Associated With Susceptibility to Atrial Fibrillation in a Japanese Population. 114 0.8 18 Canadian Journal of Cardiology, 2017, 33, 443-449. Cohort Profile: The Western Australian Pregnancy Cohort (Raine) Study–Generation 2. International 0.9 136 Journal of Epidemiology, 2017, 46, dyw308. Evaluation of genome-wide susceptibility loci for high myopia in a Han Chinese population. Ophthalmic 116 0.5 3 Genetics, 2017, 38, 330-334. Los factores bioambientales asociados a la miopÃa: una revisiÃ<sup>3</sup>n actualizada. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 307-325. 0.1 Association of <i>IGF1</i> polymorphism rs6214 with high myopia: A systematic review and 118 0.5 13 meta-analysis. Ophthalmic Genetics, 2017, 38, 434-439. Advances in Vision Research, Volume I. Essentials in Ophthalmology, 2017, , . Phenotypic and genotypic correlation between myopia and intelligence. Scientific Reports, 2017, 7, 120 20 1.6 45977. Major review: Molecular genetics of primary open-angle glaucoma. Experimental Eye Research, 2017, 121 1.2 160, 62-84. Genome-Wide Association Studies of Glaucoma. Essentials in Ophthalmology, 2017, , 275-290. 122 0.0 1 Optic Nerve Head Histopathology in High Axial Myopia. Journal of Glaucoma, 2017, 26, 187-193. 0.8 34 Genome-Wide Association Study of Age-Related Eye Diseases in Chinese Population. Essentials in 124 0.0 0 Ophthalmology, 2017, , 209-229. Variable phenotype expression in a family segregating microdeletions of the NRXN1 and MBD5 autism 1.7 spectrum disorder susceptibility genes. Npj Genomic Medicine, 2017, 2, . EPIDEMIC OF PATHOLOGIC MYOPIA. Retina, 2017, 37, 989-997. 126 1.0 83 Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization 127 study. Intérnational Journal of Epidemiology, 2017, 46, 1882-1890. Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and 128 9.4 114 five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004. Trio-based exome sequencing arrests de novo mutations in early-onset high myopia. Proceedings of the 129 3.3 National Academy of Sciences of the United States of America, 2017, 114, 4219-4224.

#	Article	IF	CITATIONS
130	Bio-environmental factors associated with myopia: An updated review. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 307-325.	0.1	6
131	Metabolic characterization of human aqueous humor in relation to high myopia. Experimental Eye Research, 2017, 159, 147-155.	1.2	57
132	Genetic prediction of myopia: prospects and challenges. Ophthalmic and Physiological Optics, 2017, 37, 549-556.	1.0	13
133	Variable cardiac α-actin (Actc1) expression in early adult skeletal muscle correlates with promoter methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1025-1036.	0.9	23
134	Novel evidence for complement system activation in chick myopia and hyperopia models: a meta-analysis of transcriptome datasets. Scientific Reports, 2017, 7, 9719.	1.6	38
135	Development of Refractive Errors—What Can We Learn From Inherited Retinal Dystrophies?. American Journal of Ophthalmology, 2017, 182, 81-89.	1.7	61
138	Effect of dopamine on bone morphogenesis protein-2 expression in human retinal pigment epithelium. International Journal of Ophthalmology, 2017, 10, 1370-1373.	0.5	4
139	Exome Sequence Analysis of 14 Families With High Myopia. , 2017, 58, 1982.		19
140	Caucasian Families Exhibit Significant Linkage of Myopia to Chromosome 11p. , 2017, 58, 3547.		11
141	Genetic Association Study of KCNQ5 Polymorphisms with High Myopia. BioMed Research International, 2017, 2017, 1-7.	0.9	16
142	Micrometric Control of the Optics of the Human Eye: Environment or Genes?. , 2017, 58, 1964.		4
143	Time Outdoors at Specific Ages During Early Childhood and the Risk of Incident Myopia. , 2017, 58, 1158.		59
144	Integrated Comparison of GWAS, Transcriptome, and Proteomics Studies Highlights Similarities in the Biological Basis of Animal and Human Myopia. , 2017, 58, 660.		24
145	Prevalence and risk factors for myopia and other refractive errors in an adult population in southern India. Ophthalmic and Physiological Optics, 2018, 38, 346-358.	1.0	26
146	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	1.6	33
147	OTUD7A Regulates Neurodevelopmental Phenotypes in the 15q13.3 Microdeletion Syndrome. American Journal of Human Genetics, 2018, 102, 278-295.	2.6	81
148	Assessment of Clinical Trials for Devices Intended to Control Myopia Progression in Children. Eye and Contact Lens, 2018, 44, 212-219.	0.8	8
149	Refractive error is associated with intracranial volume. Scientific Reports, 2018, 8, 175.	1.6	7

#	Article	IF	CITATIONS
150	CCDC102B confers risk of low vision and blindness in high myopia. Nature Communications, 2018, 9, 1782.	5.8	39
151	Circadian rhythms, refractive development, and myopia. Ophthalmic and Physiological Optics, 2018, 38, 217-245.	1.0	133
152	Copy number variation in fetal alcohol spectrum disorder. Biochemistry and Cell Biology, 2018, 96, 161-166.	0.9	15
153	The Genetics of Retinopathy of Prematurity: A Model for Neovascular Retinal Disease. Ophthalmology Retina, 2018, 2, 949-962.	1.2	20
154	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. Retina, 2018, 38, 91-101.	1.0	25
155	Ocular biometry and determinants of refractive error in a founder population of European ancestry. Ophthalmic Genetics, 2018, 39, 11-16.	0.5	4
156	The epidemics of myopia: Aetiology and prevention. Progress in Retinal and Eye Research, 2018, 62, 134-149.	7.3	658
157	Twin studies, genome-wide association studies and myopia genetics. Annals of Eye Science, 2018, 2, 69-69.	1.1	10
158	Strategies to control myopia in children: a review of the findings from the Anyang Childhood Eye Study. Annals of Eye Science, 2018, 3, 33-33.	1.1	1
159	An update of the Guangzhou Twin Eye Study. Annals of Eye Science, 2018, 3, 38-38.	1.1	1
160	Power versus phenotyping precision of genome-wide association studies on sleep traits. Sleep, 2018, 41,	0.6	2
161	Prevention of Progression in Myopia: A Systematic Review. Diseases (Basel, Switzerland), 2018, 6, 92.	1.0	29
162	Gene expression in response to optical defocus of opposite signs reveals bidirectional mechanism of visually guided eye growth. PLoS Biology, 2018, 16, e2006021.	2.6	53
163	The visual status of adolescents in Riyadh, Saudi Arabia: a population study. Clinical Ophthalmology, 2018, Volume 12, 965-972.	0.9	18
164	Genome-wide association studies for corneal and refractive astigmatism in UK Biobank demonstrate a shared role for myopia susceptibility loci. Human Genetics, 2018, 137, 881-896.	1.8	46
165	A genetic risk score and number of myopic parents independently predict myopia. Ophthalmic and Physiological Optics, 2018, 38, 492-502.	1.0	34
166	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	9.4	239
167	Genetic Association Study Between the COL11A1 and COL18A1 Genes and High Myopia in a Han Chinese Population. Genetic Testing and Molecular Biomarkers, 2018, 22, 359-365.	0.3	1

		CITATION REPORT		
#	Article		IF	CITATIONS
169	Novel Myopia Genes and Pathways Identified From Syndromic Forms of Myopia. , 2018	3, 59, 338.		50
170	<i>CFH</i> and <i>VIPR2</i> as susceptibility loci in choroidal thickness and pachycho central serous chorioretinopathy. Proceedings of the National Academy of Sciences of States of America, 2018, 115, 6261-6266.		3.3	85
171	Education and myopia: assessing the direction of causality by mendelian randomisatio Medical Journal, 2018, 361, k2022.	n. BMJ: British	2.4	184
172	A Review of Current Concepts of the Etiology and Treatment of Myopia. Eye and Conta 231-247.	act Lens, 2018, 44,	0.8	148
173	Müller glia-derived PRSS56 is required to sustain ocular axial growth and prevent ref PLoS Genetics, 2018, 14, e1007244.	ractive error.	1.5	35
174	Vitamin D and its pathway genes in myopia: systematic review and meta-analysis. Britis Ophthalmology, 2019, 103, 8-17.	sh Journal of	2.1	27
175	Role of Parental Refractive Status in Myopia Progression: 12-Year Annual Observation Guangzhou Twin Eye Study. , 2019, 60, 3499.	From the		26
176	Genetic variants linked to myopic macular degeneration in persons with high myopia: Consortium. PLoS ONE, 2019, 14, e0220143.	CREAM	1.1	12
177	Contribution of Genome-Wide Significant Single Nucleotide Polymorphisms in Myopia Ophthalmology, 2019, 126, 1607-1614.	Prediction.	2.5	17
178	Etiology and Management of Myopia. Advances in Ophthalmology and Optometry, 20	19, 4, 39-64.	0.3	0
179	Ocular-Component-Specific miRNA Expression in a Murine Model of Lens-Induced Myo Journal of Molecular Sciences, 2019, 20, 3629.	pia. International	1.8	20
180	Analysis of genetic networks regulating refractive eye development in collaborative crostrain mice reveals new genes and pathways underlying human myopia. BMC Medical (113.		0.7	32
181	Growth in foetal life, infancy, and early childhood and the association with ocular biom Ophthalmic and Physiological Optics, 2019, 39, 245-252.	etry.	1.0	19
182	Missense Mutations in the Human Nanophthalmos Gene <i>TMEM98</i> Cause Retinal Mouse. , 2019, 60, 2875.	Defects in the		16
183	Pharmacogenomic Approach to Antimyopia Drug Development: Pathways Lead the Wa Pharmacological Sciences, 2019, 40, 833-852.	ay. Trends in	4.0	19
184	Deciphering ocular diseases on an epigenetic platform. , 2019, , 117-138.			1
185	Genome-wide association analysis of 95 549 individuals identifies novel loci and g optic disc morphology. Human Molecular Genetics, 2019, 28, 3680-3690.	enes influencing	1.4	19
186	An overview of myopia genetics. Experimental Eye Research, 2019, 188, 107778.		1.2	79

#	Article	IF	CITATIONS
187	Origins of Refractive Errors: Environmental and Genetic Factors. Annual Review of Vision Science, 2019, 5, 47-72.	2.3	75
188	KCNQ5 activation is a unifying molecular mechanism shared by genetically and culturally diverse botanical hypotensive folk medicines. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21236-21245.	3.3	32
189	CPSF1 mutations are associated with early-onset high myopia and involved in retinal ganglion cell axon projection. Human Molecular Genetics, 2019, 28, 1959-1970.	1.4	27
190	Myopia is associated with education: Results from NHANES 1999-2008. PLoS ONE, 2019, 14, e0211196.	1.1	33
191	HOXA9 is a novel myopia risk gene. BMC Ophthalmology, 2019, 19, 28.	0.6	8
192	Quantile regression analysis reveals widespread evidence for gene-environment or gene-gene interactions in myopia development. Communications Biology, 2019, 2, 167.	2.0	27
193	Genome-wide DNA hypermethylation and homocysteine increase a risk for myopia. International Journal of Ophthalmology, 2019, 12, 38-45.	0.5	11
194	Genome-wide analysis identifies rare copy number variations associated with inflammatory bowel disease. PLoS ONE, 2019, 14, e0217846.	1.1	16
195	In-utero epigenetic factors are associated with early-onset myopia in young children. PLoS ONE, 2019, 14, e0214791.	1.1	18
196	Electronic devices and myopic refraction among children aged 6â€14Âyears in urban areas of Tianjin, China. Ophthalmic and Physiological Optics, 2019, 39, 282-293.	1.0	43
197	Potential Mutations in Chinese Pathologic Myopic Patients and Contributions to Phenotype. Current Molecular Medicine, 2019, 18, 689-697.	0.6	2
198	A comparison of DNA methylation in newborn blood samples from infants with and without orofacial clefts. Clinical Epigenetics, 2019, 11, 40.	1.8	17
199	IMI – Myopia Genetics Report. , 2019, 60, M89.		156
200	IMI – Myopia Control Reports Overview and Introduction. , 2019, 60, M1.		106
201	Genome-wide scans of myopia in Pennsylvania Amish families reveal significant linkage to 12q15, 8q21.3 and 5p15.33. Human Genetics, 2019, 138, 339-354.	1.8	8
202	Exome genotyping and linkage analysis identifies two novel linked regions and replicates two others for myopia in Ashkenazi Jewish families. BMC Medical Genetics, 2019, 20, 27.	2.1	5
203	HGF-rs12536657 and Ocular Biometric Parameters in Hyperopic Children, Emmetropic Adolescents, and Young Adults: A Multicenter Quantitative Trait Study. Journal of Ophthalmology, 2019, 2019, 1-10.	0.6	2
204	IMI â $\in$ " Report on Experimental Models of Emmetropization and Myopia. , 2019, 60, M31.		241

ARTICLE IF CITATIONS # The Oculome Panel Test. Ophthalmology, 2019, 126, 888-907. 205 2.5 77 Discovery of high-confidence human protein-coding genes and exons by whole-genome PhyloCSF helps elucidate 118 GWAS loci. Genome Research, 2019, 29, 2073-2087. 206 2.4 207 An Update of Eye Shape and Myopia. Eye and Contact Lens, 2019, 45, 279-285. 0.8 27 Prevalence of Myopia and Associated Risk Factors in Schoolchildren in North India. Optometry and 208 Vision Science, 2019, 96, 200-205. Predictive impact of rare genomic copy number variations in siblings of individuals with autism 209 5.8 28 spectrum disorders. Nature Communications, 2019, 10, 5519. The myopia susceptibility locus vasoactive intestinal peptide receptor 2 (VIPR2) contains variants with opposite effects. Scientific Reports, 2019, 9, 18165. 1.6 Decreased expression of gap junction delta-2 (GJD2) messenger RNA and connexin 36 protein in 211 0.9 9 form-deprivation myopia of guinea pigs. Chinese Medical Journal, 2019, 132, 1700-1705. Estimating heritability of refractive error in Koreans: the Korea National Health and Nutrition 0.6 Examination Survey. Acta Ophthalmologica, 2019, 97, e248-e255. Myopia: is the natureâ€nurture debate finally over?. Australasian journal of optometry, The, 2019, 102, 213 0.6 77 3-17. 214 Posterior staphyloma in pathologic myopia. Progress in Retinal and Eye Research, 2019, 70, 99-109. 7.3 132 Association of the ZC3H11B, ZFHX1B and SNTB1 genes with myopia of different severities. British 215 2.1 14 Journal of Ophthalmology, 2020, 104, 1472-1476. Clinical implications of recent advances in primary open-angle glaucoma genetics. Eye, 2020, 34, 29-39. 216 1.1 Low physical activity and higher use of screen devices are associated with myopia at the age of 217 0.6 63 16â€17Âyears in the CCC2000 Eye Study. Acta Ophthalmologica, 2020, 98, 315-321. Updates on Myopia., 2020,,. 16 Exploratory analysis of genetic variants influencing molecular traits in cerebral cortex of suicide 219 1.1 6 completers. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 26-37. Segregation, linkage, GWAS, and sequencing., 2020, , 7-23. 221 Genetic risk scores in complex eye disorders., 2020, , 259-275. 6 Validation of the Clouclip and utility in measuring viewing distance in adults. Ophthalmic and Physiological Optics, 2020, 40, 801-814.

#	Article	IF	CITATIONS
223	Scleral HIF-1α is a prominent regulatory candidate for genetic and environmental interactions in human myopia pathogenesis. EBioMedicine, 2020, 57, 102878.	2.7	56
224	What can anisometropia tell us about eye growth?. British Journal of Ophthalmology, 2021, 105, 1211-1215.	2.1	10
225	Genetic associations of myopia severities and endophenotypes in children. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316728.	2.1	9
226	Myopia. Nature Reviews Disease Primers, 2020, 6, 99.	18.1	259
227	COVIDâ€19, sweat, tears… and myopia?. Australasian journal of optometry, The, 2020, 103, 555-555.	0.6	23
228	Association of Myopia with cognitive function among one million adolescents. BMC Public Health, 2020, 20, 647.	1.2	16
229	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. Communications Biology, 2020, 3, 133.	2.0	22
230	Mutation screening of 17 candidate genes in a cohort of 67 probands with earlyâ€onset high myopia. Ophthalmic and Physiological Optics, 2020, 40, 271-280.	1.0	16
231	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. Nature Genetics, 2020, 52, 401-407.	9.4	180
232	Association of VIPR2 and ZMAT4 with high myopia. Ophthalmic Genetics, 2020, 41, 41-48.	0.5	8
233	The majority of autosomal recessive nanophthalmos and posterior microphthalmia can be attributed to biallelic sequence and structural variants in MFRP and PRSS56. Scientific Reports, 2020, 10, 1289.	1.6	24
234	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. Nature Genetics, 2020, 52, 160-166.	9.4	192
235	Non-additive (dominance) effects of genetic variants associated with refractive error and myopia. Molecular Genetics and Genomics, 2020, 295, 843-853.	1.0	11
236	<p>The Prevalence of Myopia and Factors Associated with It Among Secondary School Children in Rural Vietnam</p> . Clinical Ophthalmology, 2020, Volume 14, 1079-1090.	0.9	7
237	The nanophthalmos protein TMEM98 inhibits MYRF self-cleavage and is required for eye size specification. PLoS Genetics, 2020, 16, e1008583.	1.5	17
238	<p>Pathogenesis and Prevention of Worsening Axial Elongation in Pathological Myopia</p> . Clinical Ophthalmology, 2020, Volume 14, 853-873.	0.9	20
239	Serum metabolic signatures of high myopia among older Chinese adults. Eye, 2021, 35, 817-824.	1.1	17
240	Genetic association study of SOX2 gene polymorphisms with high myopia in a Chinese population. European Journal of Ophthalmology, 2021, 31, 734-739.	0.7	4

#	Article	IF	CITATIONS
241	Myopia Prevalence and Ocular Biometry Features in a General Japanese Population. Ophthalmology, 2021, 128, 522-531.	2.5	30
242	Pharmacotherapeutic candidates for myopia: A review. Biomedicine and Pharmacotherapy, 2021, 133, 111092.	2.5	26
243	Regional Differences in Prevalence of Myopia: Genetic orÂEnvironmental Effects?. Essentials in Ophthalmology, 2021, , 365-379.	0.0	0
244	Association of Myopia in Elementary School Students in Jiaojiang District, Taizhou City, China. Journal of Ophthalmology, 2021, 2021, 1-7.	0.6	3
245	Association study of fibroblast growth factor 10 (FGF10) rs399501 polymorphism with susceptibility to high myopia in a Chinese population. Ophthalmic Genetics, 2021, 42, 239-242.	0.5	1
246	The Influence of Genetics in Myopia Control: A Pilot Study. Journal of Clinical Medicine, 2021, 10, 808.	1.0	1
247	A Bibliometric and Citation Network Analysis of Myopia Genetics. Genes, 2021, 12, 447.	1.0	12
248	RNA-seq and GSEA identifies suppression of ligand-gated chloride efflux channels as the major gene pathway contributing to form deprivation myopia. Scientific Reports, 2021, 11, 5280.	1.6	14
249	Application of big-data for epidemiological studies of refractive error. PLoS ONE, 2021, 16, e0250468.	1.1	9
250	Trends in research related to high myopia from 2010 to 2019: a bibliometric and knowledge mapping analysis. International Journal of Ophthalmology, 2021, 14, 589-599.	0.5	14
251	Ocular growth and metabolomics are dependent upon the spectral content of ambient white light. Scientific Reports, 2021, 11, 7586.	1.6	15
252	Association of polymorphisms in <i>ZFHX1B</i> , <i>KCNQ5</i> and <i>GJD2</i> with myopia progression and polygenic risk prediction in children. British Journal of Ophthalmology, 2021, 105, 1751-1757.	2.1	5
253	Risk Stratification and Clinical Utility of Polygenic Risk Scores in Ophthalmology. Translational Vision Science and Technology, 2021, 10, 14.	1.1	14
254	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. PLoS Genetics, 2021, 17, e1009497.	1.5	50
255	IMI Pathologic Myopia. , 2021, 62, 5.		140
256	Genomic Analyses Unveil Helmeted Guinea Fowl ( <i>Numida meleagris</i> ) Domestication in West Africa. Genome Biology and Evolution, 2021, 13, .	1.1	6
257	Loss of Gap Junction Delta-2 (GJD2) gene orthologs leads to refractive error in zebrafish. Communications Biology, 2021, 4, 676.	2.0	19
258	Canonical NF-κB signaling maintains corneal epithelial integrity and prevents corneal aging via retinoic acid. ELife, 2021, 10, .	2.8	7

#	Article	IF	CITATIONS
259	Spectral composition of artificial illuminants and their effect on eye growth in chicks. Experimental Eye Research, 2021, 207, 108602.	1.2	7
260	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	1.4	22
261	Genome-wide analysis of retinal transcriptome reveals common genetic network underlying perception of contrast and optical defocus detection. BMC Medical Genomics, 2021, 14, 153.	0.7	8
262	New Polygenic Risk Score to Predict High Myopia in Singapore Chinese Children. Translational Vision Science and Technology, 2021, 10, 26.	1.1	11
263	Myopia in African Americans Is Significantly Linked to Chromosome 7p15.2-14.2. , 2021, 62, 16.		2
264	Quantitative proteomic analysis of scleras in guinea pig exposed to wavelength defocus. Journal of Proteomics, 2021, 243, 104248.	1.2	8
265	Artificial intelligence in myopia: current and future trends. Current Opinion in Ophthalmology, 2021, 32, 413-424.	1.3	15
266	The Role of Retinal Connexins Cx36 and Horizontal Cell Coupling in Emmetropization in Guinea Pigs. , 2021, 62, 27.		5
267	Phenotypic Consequences of the <i>GJD2</i> Risk Genotype in Myopia Development. , 2021, 62, 16.		5
268	Familial Aggregation and Heritability of Myopia: A Local Population Survey in Shanxi, China. Journal of Tropical Medicine, 2021, 2021, 1-7.	0.6	2
269	Functional integration of eye tissues and refractive eye development: Mechanisms and pathways. Experimental Eye Research, 2021, 209, 108693.	1.2	21
270	Objective and Subjective Behavioral Measures in Myopic and Non-Myopic Children During the COVID-19 Pandemic. Translational Vision Science and Technology, 2021, 10, 4.	1.1	24
271	Consortium for Refractive Error and Myopia (CREAM): Vision, Mission, and Accomplishments. Essentials in Ophthalmology, 2021, , 381-407.	0.0	2
272	The Sclera and Its Role in Regulation of the Refractive State. , 2021, , 87-104.		0
273	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia. , 2014, , 39-58.		7
274	The Sclera and Its Role in Regulation of the Refractive State. , 2014, , 59-74.		4
275	The Genetics of Myopia. , 2020, , 95-132.		10
276	Risk Factors for Myopia: Putting Causal Pathways into a Social Context. , 2020, , 133-170.		7

#	Article	IF	CITATIONS
277	Genome-Wide Association Study in Asians Identifies Novel Loci for High Myopia and Highlights a Nervous System Role in Its Pathogenesis. Ophthalmology, 2020, 127, 1612-1624.	2.5	21
280	APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. PLoS Genetics, 2015, 11, e1005432.	1.5	77
281	Rapid, Accurate, and Non-Invasive Measurement of Zebrafish Axial Length and Other Eye Dimensions Using SD-OCT Allows Longitudinal Analysis of Myopia and Emmetropization. PLoS ONE, 2014, 9, e110699.	1.1	52
282	Genome-Wide Association Study Reveals a Polymorphism in the Podocyte Receptor RANK for the Decline of Renal Function in Coronary Patients. PLoS ONE, 2014, 9, e114240.	1.1	4
283	Education-Related Parameters in High Myopia: Adults versus School Children. PLoS ONE, 2016, 11, e0154554.	1.1	34
284	Enlargement of the Axial Length and Altered Ultrastructural Features of the Sclera in a Mutant Lumican Transgenic Mouse Model. PLoS ONE, 2016, 11, e0163165.	1.1	13
285	Genetic association of COL1A1 polymorphisms with high myopia in Asian population: a Meta-analysis. International Journal of Ophthalmology, 2016, 9, 1187-93.	0.5	7
286	Myopia genetics in genome-wide association and post-genome-wide association study era. International Journal of Ophthalmology, 2019, 12, 1487-1492.	0.5	2
287	Assessment of BicC family RNA binding protein 1 and Ras protein specific guanine nucleotide releasing factor 1 as candidate genes for high myopia: A case–control study. Indian Journal of Ophthalmology, 2017, 65, 926.	0.5	7
288	Pathway analysis identifies altered mitochondrial metabolism, neurotransmission, structural pathways and complement cascade in retina/RPE/ choroid in chick model of form-deprivation myopia. PeerJ, 2018, 6, e5048.	0.9	23
289	Genetic Variants Associated With Human Eye Size Are Distinct From Those Conferring Susceptibility to Myopia. , 2021, 62, 24.		5
290	Myopia prediction: a systematic review. Eye, 2022, 36, 921-929.	1.1	29
291	Genes Involved in the Development of Myopia. , 2014, , 13-23.		1
293	Genetics of Myopia. Essentials in Ophthalmology, 2017, , 403-411.	0.0	Ο
296	Myopia Genes in Asians. Essentials in Ophthalmology, 2019, , 417-433.	0.0	0
298	Molecular genetic aspects of complicated myopia pathogenesis. Ophthalmology Journal, 2018, 11, 48-56.	0.1	Ο
303	Refractive Error in Children. International Journal of Current Research and Review (discontinued), 2020, 12, 185-188.	0.1	2
304	Association of SNTB1 with High Myopia. Current Eye Research, 2021, 46, 144-150.	0.7	3

#	Article	IF	CITATIONS
305	The 2021 National Eye Institute Strategic Plan: Fostering Collaboration in Vision Research and Clinical Care. Optometry and Vision Science, 2021, 98, 1228-1230.	0.6	3
306	Altered Expression of GJD2 Messenger RNA and the Coded Protein Connexin 36 in Negative Lens–induced Myopia of Guinea Pigs. Optometry and Vision Science, 2020, 97, 1080-1088.	0.6	3
307	The RPE in Myopia Development. , 2020, , 117-138.		2
308	Association study of fibroblast growth factor 10 (FGF10) polymorphisms with susceptibility to extreme myopia in a Japanese population. Molecular Vision, 2013, 19, 2321-9.	1.1	5
309	New ZNF644 mutations identified in patients with high myopia. Molecular Vision, 2014, 20, 939-46.	1.1	10
310	Effects of 530 nm monochromatic light on basic fibroblast growth factor and transforming growth factor-β1 expression in MÃ1⁄4ller cells. International Journal of Ophthalmology, 2015, 8, 904-9.	0.5	1
311	Polymorphism in the RASGRF1 gene with high myopia: A meta-analysis. Molecular Vision, 2015, 21, 1272-80.	1.1	9
312	The association of TGFB1 genetic polymorphisms with high myopia: a systematic review and meta-analysis. International Journal of Clinical and Experimental Medicine, 2015, 8, 20355-67.	1.3	6
313	Variation in PTCHD2, CRISP3, NAP1L4, FSCB, and AP3B2 associated with spherical equivalent. Molecular Vision, 2016, 22, 783-96.	1.1	8
314	Topical Atropine in the Control of Myopia. Medical Hypothesis, Discovery, and Innovation in Ophthalmology, 2016, 5, 78-88.	0.4	9
315	Insight into the molecular genetics of myopia. Molecular Vision, 2017, 23, 1048-1080.	1.1	37
316	A genome-wide association study of corneal astigmatism: The CREAM Consortium. Molecular Vision, 2018, 24, 127-142.	1.1	10
317	Differential stability of variant gene transcripts in myopic patients. Molecular Vision, 2019, 25, 183-193.	1.1	2
318	Associations of rs524952 and rs634990 gene polymorphisms in 15q14 with high myopia: A meta-analysis. Molecular Vision, 2019, 25, 603-609.	1.1	0
319	Autosomal dominant nanophthalmos and high hyperopia associated with a C-terminal frameshift variant in. Molecular Vision, 2019, 25, 527-534.	1.1	14
320	MYP2 locus genes: Sequence variations, genetic association studies and haplotypic association in patients with High Myopia. International Journal of Biochemistry and Molecular Biology, 2021, 12, 35-48.	0.1	0
321	Light and myopia: from epidemiological studies to neurobiological mechanisms. Therapeutic Advances in Ophthalmology, 2021, 13, 251584142110592.	0.8	27
322	Genome-wide Association Study of Axial Length in Population-based Cohorts in Japan. Ophthalmology Science, 2022, 2, 100113.	1.0	11

#	Article	IF	CITATIONS
324	New loci for refractive errors and ocular biometric parameters in young Chinese Han adults. Science China Life Sciences, 2022, 65, 2050-2061.	2.3	6
325	Zebrafish: An In Vivo Screening Model to Study Ocular Phenotypes. Translational Vision Science and Technology, 2022, 11, 17.	1.1	6
326	Myopia Genetics and Heredity. Children, 2022, 9, 382.	0.6	20
327	Circulating Vitreous microRNA as Possible Biomarker in High Myopic Eyes with Macular Hole. International Journal of Molecular Sciences, 2022, 23, 3647.	1.8	6
328	The Role of <i>GJD2</i> (Cx36) in Refractive Error Development. , 2022, 63, 5.		3
329	Identification of the Potential Key Genes and Pathways Involved in Lens Changes of High Myopia. International Journal of General Medicine, 2022, Volume 15, 2867-2875.	0.8	4
330	Applications of Artificial Intelligence in Myopia: Current and Future Directions. Frontiers in Medicine, 2022, 9, 840498.	1.2	6
331	The Potential of Current Polygenic Risk Scores to Predict High Myopia and Myopic Macular Degeneration in Multiethnic Singapore Adults. Ophthalmology, 2022, 129, 890-902.	2.5	5
332	<i>GLRA2</i> gene mutations cause high myopia in humans and mice. Journal of Medical Genetics, 2023, 60, 193-203.	1.5	5
333	The Changes of KCNQ5 Expression and Potassium Microenvironment in the Retina of Myopic Guinea Pigs. Frontiers in Physiology, 2021, 12, 790580.	1.3	6
334	Next-Generation Sequencing Screening of 43 Families with Non-Syndromic Early-Onset High Myopia: A Clinical and Genetic Study. International Journal of Molecular Sciences, 2022, 23, 4233.	1.8	1
335	Candidate pathways for retina to scleral signaling in refractive eye growth. Experimental Eye Research, 2022, 219, 109071.	1.2	32
336	Geneâ€level association analysis of ordinal traits with functional ordinal logistic regressions. Genetic Epidemiology, 2022, 46, 234-255.	0.6	3
337	RNA sequence analysis identified bone morphogenetic protein-2 (BMP2) as a biomarker underlying form deprivation myopia. Biochemistry and Biophysics Reports, 2022, 30, 101261.	0.7	1
341	Mutational screening of , , , , , and in a Chinese cohort of 103 patients with nonsyndromic high myopia Molecular Vision, 2021, 27, 706-717.	1.1	1
342	Efficacy of 0.01% low dose atropine and its correlation with various factors in myopia control in the Indian population. Scientific Reports, 2022, 12, 7113.	1.6	6
343	Electrical responses from human retinal cone pathways associate with a common genetic polymorphism implicated in myopia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	8
344	Insight from OPN1LW Gene Haplotypes into the Cause and Prevention of Myopia. Genes, 2022, 13, 942.	1.0	8

		CITATION REPORT		
#	Article		IF	CITATIONS
345	Association of CX36 Protein Encoding Gene GJD2 with Refractive Errors. Genes, 2022,	13, 1166.	1.0	1
346	Postnatal eye size in mice is controlled by SREBP2-mediated transcriptional repression and <i>Bmp2</i> . Development (Cambridge), 2022, 149, .	of <i>Lrp2</i>	1.2	2
347	Variants in <scp> <i>HNRNPH1</i> </scp> are associated with high myopia in humans coloboma in zebrafish. Clinical Genetics, 0, , .	and ocular	1.0	2
348	Current and emerging techniques/technologies in ocular research and drug/device dev 2022, , 509-527.	elopment. ,		0
349	Mendelian Randomization Implicates Bidirectional Association between Myopia and Pr Angle Glaucoma or Intraocular Pressure. SSRN Electronic Journal, 0, , .	imary Open	0.4	1
351	Association analyses of rare variants identify two genes associated with refractive erro 2022, 17, e0272379.	r. PLoS ONE,	1.1	1
352	Control of myopia using diffusion optics spectacle lenses: 12-month results of a rando controlled, efficacy and safety study (CYPRESS). British Journal of Ophthalmology, 202	mised 23, 107, 1709-1715.	2.1	14
353	Myopia rates among Hadza hunterâ€gatherers are low but not exceptional. American J Biological Anthropology, 2022, 179, 655-667.	ournal of	0.6	1
354	Eyes on CHARGE syndrome: Roles of CHD7 in ocular development. Frontiers in Cell and Biology, 0, 10, .	d Developmental	1.8	4
355	Screening for novel risk factors related to high myopia using machine learning. BMC O 2022, 22, .	phthalmology,	0.6	1
356	Overlapping pathogenic de novo CNVs in neurodevelopmental disorders and congenit impacting constraint genes regulating early development. Human Genetics, 2023, 142		1.8	5
357	Effects of TIMP-2 Polymorphisms on Retinopathy of Prematurity Risk, Severity, Recurre Treatment Response. International Journal of Molecular Sciences, 2022, 23, 14199.	nce, and	1.8	0
358	Education interacts with genetic variants near GJD2, RBFOX1, LAMA2, KCNQ5 and LRF susceptibility to myopia. PLoS Genetics, 2022, 18, e1010478.	C4C to confer	1.5	8
359	The update of myopia. , 2022, , .			Ο
360	Mendelian Randomization Implicates Bidirectional Association between Myopia and Pr Open-Angle Glaucoma or Intraocular Pressure. Ophthalmology, 2023, 130, 394-403.	imary	2.5	14
361	Myopia and Near Work: A Systematic Review and Meta-Analysis. International Journal Research and Public Health, 2023, 20, 875.	of Environmental	1.2	15
362	Rare variant analyses across multiethnic cohorts identify novel genes for refractive erro Communications Biology, 2023, 6, .	or.	2.0	2
363	Artificial intelligence technology for myopia challenges: A review. Frontiers in Cell and Developmental Biology, 0, 11, .		1.8	2

#	Article	IF	CITATIONS
364	The genetics and disease mechanisms of rhegmatogenous retinal detachment. Progress in Retinal and Eye Research, 2023, 97, 101158.	7.3	1
365	Parallelism between hypovitaminosis D3 and recently detected myopia in children with amplified screen use in the COVID-19 era—A preliminary study. Indian Journal of Ophthalmology, 2023, 71, 229.	0.5	0
366	Shedding light on myopia by studying complete congenital stationary night blindness. Progress in Retinal and Eye Research, 2023, 93, 101155.	7.3	3
367	A new polygenic score for refractive error improves detection of children at risk of high myopia but not the prediction of those at risk of myopic macular degeneration. EBioMedicine, 2023, 91, 104551.	2.7	3
368	Calcipotriol Attenuates Form Deprivation Myopia Through a Signaling Pathway Parallel to TGF-β2–Induced Increases in Collagen Expression. , 2023, 64, 2.		2
369	Post-GWAS screening of candidate genes for refractive error in mutant zebrafish models. Scientific Reports, 2023, 13, .	1.6	0
370	Construction of copy number variation landscape and characterization of associated genes in a Bangladeshi cohort of neurodevelopmental disorders. Frontiers in Genetics, 0, 14, .	1.1	4
371	Ocular biological parameters and prevalence of myopia in vocational high school and general high school in China. Frontiers in Public Health, 0, 11, .	1.3	0

398 Das RPE in der Myopie-Entwicklung. , 2024, , 129-153.