

Zi-Bing Jin

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147
papers

3,203
citations

29
h-index

52
g-index

164
ext. papers

4,097
ext. citations

5.9
avg, IF

5.3
L-index

#	Paper	IF	Citations
147	In vitro differentiation of retinal cells from human pluripotent stem cells by small-molecule induction. <i>Journal of Cell Science</i> , 2009 , 122, 3169-79	5.3	343
146	Modeling retinal degeneration using patient-specific induced pluripotent stem cells. <i>PLoS ONE</i> , 2011 , 6, e17084	3.7	178
145	Comparison of non-canonical PAMs for CRISPR/Cas9-mediated DNA cleavage in human cells. <i>Scientific Reports</i> , 2014 , 4, 5405	4.9	143
144	Genotype-phenotype correlation and mutation spectrum in a large cohort of patients with inherited retinal dystrophy revealed by next-generation sequencing. <i>Genetics in Medicine</i> , 2015 , 17, 271-8	8.1	138
143	Gene Correction Reverses Ciliopathy and Photoreceptor Loss in iPSC-Derived Retinal Organoids from Retinitis Pigmentosa Patients. <i>Stem Cell Reports</i> , 2018 , 10, 1267-1281	8	114
142	A novel Bruch's membrane-mimetic electrospun substrate scaffold for human retinal pigment epithelium cells. <i>Biomaterials</i> , 2014 , 35, 9777-9788	15.6	95
141	Genetic signatures of high-altitude adaptation in Tibetans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4189-4194	11.5	93
140	Targeting neuronal and glial cell types with synthetic promoter AAVs in mice, non-human primates and humans. <i>Nature Neuroscience</i> , 2019 , 22, 1345-1356	25.5	84
139	Integration-free induced pluripotent stem cells derived from retinitis pigmentosa patient for disease modeling. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 503-9	6.9	75
138	Stemming retinal regeneration with pluripotent stem cells. <i>Progress in Retinal and Eye Research</i> , 2019 , 69, 38-56	20.5	75
137	Targeted deletion of miR-182, an abundant retinal microRNA. <i>Molecular Vision</i> , 2009 , 15, 523-33	2.3	70
136	Bioenergetic Crosstalk between Mesenchymal Stem Cells and various Ocular Cells through the intercellular trafficking of Mitochondria. <i>Theranostics</i> , 2020 , 10, 7260-7272	12.1	69
135	COCO enhances the efficiency of photoreceptor precursor differentiation in early human embryonic stem cell-derived retinal organoids. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 366	8.3	62
134	SLC7A14 linked to autosomal recessive retinitis pigmentosa. <i>Nature Communications</i> , 2014 , 5, 3517	17.4	61
133	Identifying pathogenic genetic background of simplex or multiplex retinitis pigmentosa patients: a large scale mutation screening study. <i>Journal of Medical Genetics</i> , 2008 , 45, 465-72	5.8	54
132	Targeted exome sequencing identified novel USH2A mutations in Usher syndrome families. <i>PLoS ONE</i> , 2013 , 8, e63832	3.7	52
131	Electrical stimulation ameliorates light-induced photoreceptor degeneration in vitro via suppressing the proinflammatory effect of microglia and enhancing the neurotrophic potential of Müller cells. <i>Experimental Neurology</i> , 2012 , 238, 192-208	5.7	51

130	Induced pluripotent stem cells for retinal degenerative diseases: a new perspective on the challenges. <i>Journal of Genetics</i> , 2009 , 88, 417-24	1.2	51
129	Trio-based exome sequencing arrests de novo mutations in early-onset high myopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4219-4224	11.5	50
128	miR-183/96 plays a pivotal regulatory role in mouse photoreceptor maturation and maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6376-6381	11.5	48
127	Identification of false-negative mutations missed by next-generation sequencing in retinitis pigmentosa patients: a complementary approach to clinical genetic diagnostic testing. <i>Genetics in Medicine</i> , 2015 , 17, 307-11	8.1	46
126	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. <i>Nature Communications</i> , 2017 , 8, 611	17.4	45
125	Mutations in LRP5, FZD4, TSPAN12, NDP, ZNF408, or KIF11 Genes Account for 38.7% of Chinese Patients With Familial Exudative Vitreoretinopathy 2017 , 58, 2623-2629		43
124	miR-182 Regulates Metabolic Homeostasis by Modulating Glucose Utilization in Muscle. <i>Cell Reports</i> , 2016 , 16, 757-68	10.6	43
123	Patient-Specific Retinal Organoids Recapitulate Disease Features of Late-Onset Retinitis Pigmentosa. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 128	5.7	38
122	RetinoGenetics: a comprehensive mutation database for genes related to inherited retinal degeneration. <i>Database: the Journal of Biological Databases and Curation</i> , 2014 , 2014,	5	38
121	An overview of myopia genetics. <i>Experimental Eye Research</i> , 2019 , 188, 107778	3.7	33
120	Comprehensive molecular diagnosis of Bardet-Biedl syndrome by high-throughput targeted exome sequencing. <i>PLoS ONE</i> , 2014 , 9, e90599	3.7	30
119	Clinical and molecular findings in three Japanese patients with crystalline retinopathy. <i>Japanese Journal of Ophthalmology</i> , 2006 , 50, 426-431	2.6	30
118	Molecular diagnosis of putative Stargardt disease by capture next generation sequencing. <i>PLoS ONE</i> , 2014 , 9, e95528	3.7	29
117	Macular hole formation in patients with retinitis pigmentosa and prognosis of pars plana vitrectomy. <i>Retina</i> , 2008 , 28, 610-4	3.6	29
116	Mutational analysis of RPGR and RP2 genes in Japanese patients with retinitis pigmentosa: identification of four mutations. <i>Molecular Vision</i> , 2006 , 12, 1167-74	2.3	29
115	VEGF-mediated proliferation of human adipose tissue-derived stem cells. <i>PLoS ONE</i> , 2013 , 8, e73673	3.7	27
114	Generation of retinal cells from pluripotent stem cells. <i>Progress in Brain Research</i> , 2012 , 201, 171-81	2.9	26
113	Human embryonic stem cell-derived organoid retinoblastoma reveals a cancerous origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 33628-33638	11.5	26

112	Identification of a novel GJA8 (Cx50) point mutation causes human dominant congenital cataracts. <i>Scientific Reports</i> , 2014 , 4, 4121	4.9	21
111	Genome-Wide Detection of Copy Number Variations in Unsolved Inherited Retinal Disease 2017 , 58, 424-429		21
110	Detection of localized retinal malfunction in retinal degeneration model using a multielectrode array system. <i>Journal of Neuroscience Research</i> , 2009 , 87, 2175-82	4.4	21
109	Circular RNAs in human and vertebrate neural retinas. <i>RNA Biology</i> , 2019 , 16, 821-829	4.8	20
108	Genomewide Association Study of Acute Anterior Uveitis Identifies New Susceptibility Loci 2020 , 61, 3		20
107	Disease Activity-Associated Alteration of mRNA m C Methylation in CD4 T Cells of Systemic Lupus Erythematosus. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 430	5.7	19
106	Identification of de novo germline mutations and causal genes for sporadic diseases using trio-based whole-exome/genome sequencing. <i>Biological Reviews</i> , 2018 , 93, 1014-1031	13.5	19
105	Mutational screening of SLC39A5, LEPREL1 and LRPAP1 in a cohort of 187 high myopia patients. <i>Scientific Reports</i> , 2017 , 7, 1120	4.9	18
104	Deletion of miR-182 Leads to Retinal Dysfunction in Mice 2019 , 60, 1265-1274		18
103	Somatic and gonadal mosaicism in X-linked retinitis pigmentosa. <i>American Journal of Medical Genetics, Part A</i> , 2007 , 143A, 2544-8	2.5	18
102	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. <i>Genome Medicine</i> , 2017 , 9, 97	14.4	17
101	Identification and population history of CYP4V2 mutations in patients with Bietti crystalline corneoretinal dystrophy. <i>European Journal of Human Genetics</i> , 2017 , 25, 461-471	5.3	16
100	REEP6 mediates trafficking of a subset of Clathrin-coated vesicles and is critical for rod photoreceptor function and survival. <i>Human Molecular Genetics</i> , 2017 , 26, 2218-2230	5.6	16
99	Use of lectins to enrich mouse ES-derived retinal progenitor cells for the purpose of transplantation therapy. <i>Cell Transplantation</i> , 2010 , 19, 9-19	4	16
98	The Circular RNome of Developmental Retina in Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 19, 339-349	10.7	16
97	A Naturally-Derived Compound Schisandrin B Enhanced Light Sensation in the pde6c Zebrafish Model of Retinal Degeneration. <i>PLoS ONE</i> , 2016 , 11, e0149663	3.7	16
96	Mutation of IPO13 causes recessive ocular coloboma, microphthalmia, and cataract. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-11	12.8	15
95	Prioritizing natural-selection signals from the deep-sequencing genomic data suggests multi-variant adaptation in Tibetan highlanders. <i>National Science Review</i> , 2019 , 6, 1201-1222	10.8	15

94	Targeted RP9 ablation and mutagenesis in mouse photoreceptor cells by CRISPR-Cas9. <i>Scientific Reports</i> , 2017 , 7, 43062	4.9	13
93	Expanding the Phenotypic and Genotypic Landscape of Nonsyndromic High Myopia: A Cross-Sectional Study in 731 Chinese Patients 2019 , 60, 4052-4062		13
92	Loss of miR-182 affects B-cell extrafollicular antibody response. <i>Immunology</i> , 2016 , 148, 140-9	7.8	13
91	Geographic Difference Shaped Human Ocular Surface Metagenome of Young Han Chinese From Beijing, Wenzhou, and Guangzhou Cities 2020 , 61, 47		12
90	mirDNMR: a gene-centered database of background de novo mutation rates in human. <i>Nucleic Acids Research</i> , 2017 , 45, D796-D803	20.1	12
89	CFI-rs7356506 is a genetic protective factor for acute anterior uveitis in Chinese patients. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1592-6	5.5	12
88	Trinucleotide expansions in the SCA7 gene in a large family with spinocerebellar ataxia and craniocervical dystonia. <i>Neuroscience Letters</i> , 2008 , 434, 230-3	3.3	11
87	Functional characterization of CEP250 variant identified in nonsyndromic retinitis pigmentosa. <i>Human Mutation</i> , 2019 , 40, 1039-1045	4.7	10
86	Identification of three novel mutations in the FRMD7 gene for X-linked idiopathic congenital nystagmus. <i>Scientific Reports</i> , 2014 , 4, 3745	4.9	10
85	Ablation of Mature miR-183 Leads to Retinal Dysfunction in Mice 2020 , 61, 12		10
84	Clinical and genetic analyses reveal novel pathogenic ABCA4 mutations in Stargardt disease families. <i>Scientific Reports</i> , 2016 , 6, 35414	4.9	10
83	Unraveling the genetic cause of a consanguineous family with unilateral coloboma and retinoschisis: expanding the phenotypic variability of RAX mutations. <i>Scientific Reports</i> , 2017 , 7, 9064	4.9	10
82	Emerging roles of non-coding RNAs in retinal diseases: A review. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 1085-1101	2.4	9
81	Retinal miRNAs variations in a large cohort of inherited retinal disease. <i>Ophthalmic Genetics</i> , 2018 , 39, 175-179	1.2	9
80	Allelic copy number variation in FSCN2 detected using allele-specific genotyping and multiplex real-time PCRs 2008 , 49, 3799-805		9
79	Mutation spectrum and genotype-phenotype correlation of inherited retinal dystrophy in Taiwan. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 486-499	2.4	9
78	Eyes on coronavirus. <i>Stem Cell Research</i> , 2021 , 51, 102200	1.6	9
77	Novel CHM mutations identified in Chinese families with Choroideremia. <i>Scientific Reports</i> , 2016 , 6, 35360	0.9	8

76	Molecular genetic analysis of patients with sporadic and X-linked infantile nystagmus. <i>BMJ Open</i> , 2016 , 6, e010649	3	8
75	Relationship Between Cone Loss and Microvasculature Change in Retinitis Pigmentosa 2019 , 60, 4520-4531		8
74	Lysosomal storage disease in the brain: mutations of the β mannosidase gene identified in autosomal dominant nystagmus. <i>Genetics in Medicine</i> , 2015 , 17, 971-9	8.1	8
73	Generation of Nonhuman Primate Model of Cone Dysfunction through AAV-Mediated Ablation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 18, 869-879	6.4	8
72	Polygenic Risk Scores have high diagnostic capacity in ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 1168-1174	2.4	8
71	variants in Chinese patients with Usher syndrome type II and non-syndromic retinitis pigmentosa. <i>British Journal of Ophthalmology</i> , 2021 , 105, 694-703	5.5	8
70	The road to restore vision with photoreceptor regeneration. <i>Experimental Eye Research</i> , 2021 , 202, 108283	3.7	8
69	Targeting NLRP3 and Staphylococcal pore-forming toxin receptors in human-induced pluripotent stem cell-derived macrophages. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 967-981	6.5	7
68	Versatile Genome Engineering Techniques Advance Human Ocular Disease Researches in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 75	5.7	7
67	Identification of novel mutations by targeted exome sequencing and the genotype-phenotype assessment of patients with achromatopsia. <i>Journal of Translational Medicine</i> , 2015 , 13, 334	8.5	7
66	A recurrent deletion mutation in OPA1 causes autosomal dominant optic atrophy in a Chinese family. <i>Scientific Reports</i> , 2014 , 4, 6936	4.9	6
65	Identification of a novel RPGR exon ORF15 mutation in a family with X-linked retinitis pigmentosa. <i>JAMA Ophthalmology</i> , 2007 , 125, 1407-12		6
64	Association of IL33 and IL1RAP Polymorphisms With Acute Anterior Uveitis. <i>Current Molecular Medicine</i> , 2018 , 17, 471-477	2.5	6
63	Targeting neuronal and glial cell types with synthetic promoter AAVs in mice, non-human primates, and humans		6
62	Is Indispensable in Zebrafish Retinas. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 333	5.7	6
61	Circulating S100A8/A9 Levels Reflect Intraocular Inflammation in Uveitis Patients. <i>Ocular Immunology and Inflammation</i> , 2020 , 28, 133-141	2.8	6
60	Transplantation of GMP-grade human iPSC-derived retinal pigment epithelial cells in rodent model: the first pre-clinical study for safety and efficacy in China. <i>Annals of Translational Medicine</i> , 2021 , 9, 245	3.2	6
59	Novel deletion spanning RCC1-like domain of RPGR in Japanese X-linked retinitis pigmentosa family. <i>Molecular Vision</i> , 2005 , 11, 535-41	2.3	6

58	Toll-Like Receptor 3 Activation Initiates Photoreceptor Cell Death In Vivo and In Vitro 2017 , 58, 801-811		5
57	Whole exome sequencing reveals genetic predisposition in a large family with retinitis pigmentosa. <i>BioMed Research International</i> , 2014 , 2014, 302487	3	5
56	Embryonic stem-cell-derived retinal pigment epithelial cells for macular degeneration. <i>Lancet, The</i> , 2012 , 379, 2050; author reply 2050-1	40	5
55	RCC1-like domain and ORF15: essentials in RPGR gene. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 572, 29-33	3.6	5
54	CFI-rs7356506 polymorphisms associated with Vogt-Koyanagi-Harada syndrome. <i>Molecular Vision</i> , 2016 , 22, 9-17	2.3	5
53	Nonhuman Primate Model of Oculocutaneous Albinism with and Mutations. <i>Research</i> , 2020 , 2020, 1658678	7.8	5
52	Circular RNAs in the Central Nervous System. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 629593	5.6	5
51	Conversion of mouse embryonic fibroblasts into neural crest cells and functional corneal endothelia by defined small molecules. <i>Science Advances</i> , 2021 , 7,	14.3	5
50	Modeling retinitis pigmentosa through patient-derived retinal organoids. <i>STAR Protocols</i> , 2021 , 2, 1004384	4	5
49	Towards stem cell-based neuronal regeneration for glaucoma. <i>Progress in Brain Research</i> , 2020 , 257, 99-118	2.9	4
48	The Impact of Study-at-Home During the COVID-19 Pandemic on Myopia Progression in Chinese Children.. <i>Frontiers in Public Health</i> , 2021 , 9, 720514	6	4
47	Targeted exome sequencing identified two novel truncation mutations in GPR98 causing Usher syndrome. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 197-9	2.4	4
46	miR-183 and miR-96 orchestrate both glucose and fat utilization in skeletal muscle. <i>EMBO Reports</i> , 2021 , 22, e52247	6.5	4
45	Whole-exome sequencing identified ARL2 as a novel candidate gene for MRCS (microcornea, rod-cone dystrophy, cataract, and posterior staphyloma) syndrome. <i>Clinical Genetics</i> , 2019 , 96, 61-71	4	3
44	Abundant Neural circRNA Cdr1as Is Not Indispensable for Retina Maintenance. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 565543	5.7	3
43	Association of CD59 and CFH polymorphisms with acute anterior uveitis in Chinese population. <i>Eye</i> , 2016 , 30, 1452-1457	4.4	3
42	Circular Rims2 Deficiency Causes Retinal Degeneration. <i>Advanced Biology</i> , 2021 , 5, e2100906		3
41	ATP1A3 mutation as a candidate cause of autosomal dominant cone-rod dystrophy. <i>Human Genetics</i> , 2020 , 139, 1391-1401	6.3	3

40	Modeling human retinoblastoma using embryonic stem cell-derived retinal organoids. <i>STAR Protocols</i> , 2021 , 2, 100444	1.4	3
39	CFHR2-rs2986127 as a genetic protective marker for acute anterior uveitis in Chinese patients. <i>Journal of Gene Medicine</i> , 2016 , 18, 193-8	3.5	3
38	Variant Profiling of a Large Cohort of 138 Chinese Families With Autosomal Dominant Retinitis Pigmentosa. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 629994	5.7	3
37	Retinal Degeneration Caused by Ago2 Disruption 2021 , 62, 14		3
36	Whole Genome Sequencing in Genetic Eye Diseases. <i>Essentials in Ophthalmology</i> , 2017 , 21-29	0.2	2
35	Molecular genetic analysis and phenotypic characteristics of a consanguineous family with glycogen storage disease type Ia. <i>Molecular Medicine Reports</i> , 2016 , 14, 3251-4	2.9	2
34	Molecular screening of the LPCAT1 gene in patients with retinitis pigmentosa without defined mutations in known retinitis pigmentosa genes. <i>Molecular Medicine Reports</i> , 2015 , 12, 5983-8	2.9	2
33	The Association between Maternal Reproductive Age and Progression of Refractive Error in Urban Students in Beijing. <i>PLoS ONE</i> , 2015 , 10, e0139383	3.7	2
32	Novel RPGR-ORF15 mutations in X-linked retinitis pigmentosa patients. <i>Neuroscience Letters</i> , 2011 , 500, 16-9	3.3	2
31	A novel truncating Rs1 mutation associated with X-linked juvenile retinoschisis. <i>Japanese Journal of Ophthalmology</i> , 2007 , 51, 71-3	2.6	2
30	Requirements for human-induced pluripotent stem cells.. <i>Cell Proliferation</i> , 2022 , e13182	7.9	2
29	Human retinal pigment epithelial cells. <i>Cell Proliferation</i> , 2021 , e13153	7.9	2
28	Generation of three human iPSC lines from a retinitis pigmentosa family with SLC7A14 mutation. <i>Stem Cell Research</i> , 2020 , 49, 102075	1.6	2
27	Directed Induction of Retinal Organoids from Human Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	2
26	Genotype-Phenotype Analysis and Mutation Spectrum in a Cohort of Chinese Patients With Congenital Nystagmus. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 627295	5.7	2
25	The association of myopia progression with the morphological changes of optic disc and Eperipapillary atrophy in primary school students. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 1	3.8	2
24	Genotype-Phenotype Association Study Reveals CFI-Rs13104777 to be a Protective Genetic Marker Against Acute Anterior Uveitis. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 51-56	2.8	1
23	Patient iPSC-derived retinal organoids: Observable retinal diseases in-a-dish. <i>Histology and Histopathology</i> , 2021 , 36, 705-710	1.4	1

22	Retinal organoids as models for development and diseases. <i>Cell Regeneration</i> , 2021 , 10, 33	2.5	1
21	Investigation of Macular Choroidal Thickness and Blood Flow Change by Optical Coherence Tomography Angiography After Posterior Scleral Reinforcement. <i>Frontiers in Medicine</i> , 2021 , 8, 658259	4.9	1
20	Genetic Screening Revealed Latent Keratoconus in Asymptomatic Individuals. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 650344	5.7	1
19	Consanguinity-based analysis of exome sequencing yields likely genetic causes in patients with inherited retinal dystrophy. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 278	4.2	1
18	Whole-Exome Sequencing in a Cohort of High Myopia Patients in Northwest China. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 645501	5.7	1
17	Stem Cell-Based Regeneration and Restoration for Retinal Ganglion Cell: Recent Advancements and Current Challenges. <i>Biomolecules</i> , 2021 , 11,	5.9	1
16	Mutation of SLC7A14 causes auditory neuropathy and retinitis pigmentosa mediated by lysosomal dysfunction.. <i>Science Advances</i> , 2022 , 8, eabk0942	14.3	1
15	Implantable collamer lens versus small incision lenticule extraction for high myopia correction: A systematic review and meta-analysis.. <i>BMC Ophthalmology</i> , 2021 , 21, 450	2.3	1
14	A new subset of small stem cells in bovine bone marrow stromal cell populations. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 13881-13892	4.7	0
13	Elevated Plasma Levels of Drebrin in Glaucoma Patients With Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019 , 13, 326	5.1	0
12	Association Between Color Vision Deficiency and Myopia in Chinese Children Over a Five-Year Period. 2022 , 63, 2		0
11	Mitochondrial Mutations in Ethambutol-Induced Optic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 754676	5.7	0
10	Unique presentation of congenital cataract concurrent with microcornea, microphthalmia plus posterior capsule defect in monozygotic twins caused by a novel GJA8 mutation. <i>Eye</i> , 2019 , 33, 686-689	4.4	0
9	New loci for refractive errors and ocular biometric parameters in young Chinese Han adults.. <i>Science China Life Sciences</i> , 2022 , 1	8.5	0
8	MLL5 is involved in retinal photoreceptor maturation through facilitating CRX-mediated photoreceptor gene transactivation.. <i>IScience</i> , 2022 , 25, 104058	6.1	0
7	Identification of a New Mutation p.P88L in Connexin 50 Associated with Dominant Congenital Cataract.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 794837	5.7	0
6	Functional microglia derived from human pluripotent stem cells empower retinal organ.. <i>Science China Life Sciences</i> , 2022 , 1	8.5	0
5	Mutational screening of , , , , and in a Chinese cohort of 103 patients with nonsyndromic high myopia.. <i>Molecular Vision</i> , 2021 , 27, 706-717	2.3	0

- 4 Phenotype-Based Genetic Analysis Reveals Missing Heritability of ABCA4-Related Retinopathy: Deep Intronic Variants and Copy Number Variations **2022**, 63, 5 0
- 3 Drug-inducible synergistic gene silencing with multiple small hairpin RNA molecules for gene function study in animal model. *Transgenic Research*, **2015**, 24, 309-17 3.3
- 2 Response to Heller and Bolz. *Genetics in Medicine*, **2015**, 17, 508-9 8.1
- 1 Genotype Profile of Global EYS-Associated Inherited Retinal Dystrophy and Clinical Findings in a Large Chinese Cohort. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 634220 5.7