

Jia Qu

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

6,219
citations

117625

34
h-index

114465

63
g-index

187
all docs

187
docs citations

187
times ranked

8118
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy Comparison of 16 Interventions for Myopia Control in Children. <i>Ophthalmology</i> , 2016, 123, 697-708.	5.2	521
2	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
3	Recent Advances in Carbon-Based Metal-Free Electrocatalysts. <i>Advanced Materials</i> , 2019, 31, e1806403.	21.0	222
4	Dopamine signaling and myopia development: What are the key challenges. <i>Progress in Retinal and Eye Research</i> , 2017, 61, 60-71.	15.5	208
5	Comparison of non-canonical PAMs for CRISPR/Cas9-mediated DNA cleavage in human cells. <i>Scientific Reports</i> , 2014, 4, 5405.	3.3	187
6	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.	7.1	181
7	Rationally designed graphene-nanotube 3D architectures with a seamless nodal junction for efficient energy conversion and storage. <i>Science Advances</i> , 2015, 1, e1400198.	10.3	176
8	Identification of Functional and Expression Polymorphisms Associated With Risk for Antineutrophil Cytoplasmic Autoantibody-Associated Vasculitis. <i>Arthritis and Rheumatology</i> , 2017, 69, 1054-1066.	5.6	130
9	Synergistic Chemotherapy and Photodynamic Therapy of Endophthalmitis Mediated by Zeolitic Imidazolate Framework-Based Drug Delivery Systems. <i>Small</i> , 2019, 15, e1903880.	10.0	122
10	Changes in Choroidal Thickness and Choroidal Blood Perfusion in Guinea Pig Myopia. , 2019, 60, 3074.		120
11	Reactive oxygen species activated NLRP3 inflammasomes prime environment-induced murine dry eye. <i>Experimental Eye Research</i> , 2014, 125, 1-8.	2.6	116
12	The Novel A4435G Mutation in the Mitochondrial tRNAMet May Modulate the Phenotypic Expression of the LHON-Associated ND4 G11778A Mutation. , 2006, 47, 475.		112
13	Reactive oxygen species activated NLRP3 inflammasomes initiate inflammation in hyperosmolarity stressed human corneal epithelial cells and environment-induced dry eye patients. <i>Experimental Eye Research</i> , 2015, 134, 133-140.	2.6	109
14	A "new lease of life": FnCpf1 possesses DNA cleavage activity for genome editing in human cells. <i>Nucleic Acids Research</i> , 2017, 45, 11295-11304.	14.5	108
15	Genetic Variants at 13q12.12 Are Associated with High Myopia in the Han Chinese Population. <i>American Journal of Human Genetics</i> , 2011, 88, 805-813.	6.2	106
16	Electroactive and biocompatible hydroxyl-functionalized graphene by ball milling. <i>Journal of Materials Chemistry</i> , 2012, 22, 8367.	6.7	90
17	The exome sequencing identified the mutation in YARS2 encoding the mitochondrial tyrosyl-tRNA synthetase as a nuclear modifier for the phenotypic manifestation of Leber's hereditary optic neuropathy-associated mitochondrial DNA mutation. <i>Human Molecular Genetics</i> , 2016, 25, 584-596.	2.9	89
18	Macular Vascular Fractal Dimension in the Deep Capillary Layer as an Early Indicator of Microvascular Loss for Retinopathy in Type 2 Diabetic Patients. , 2017, 58, 3785.		84

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19	Assessment of Choroidal Vascularity and Choriocapillaris Blood Perfusion in Anisomyopic Adults by SS-OCT/OCTA. , 2021, 62, 8.		83
20	SLC7A14 linked to autosomal recessive retinitis pigmentosa. Nature Communications, 2014, 5, 3517.	12.8	82
21	COVID-19 Quarantine Reveals That Behavioral Changes Have an Effect on Myopia Progression. Ophthalmology, 2021, 128, 1652-1654.	5.2	82
22	Bright Light Suppresses Form-Deprivation Myopia Development With Activation of Dopamine D1 Receptor Signaling in the ON Pathway in Retina. , 2017, 58, 2306.		78
23	Increased Choroidal Blood Perfusion Can Inhibit Form Deprivation Myopia in Guinea Pigs. , 2020, 61, 25.		72
24	Multiscale patterning of graphene oxide and reduced graphene oxide for flexible supercapacitors. Carbon, 2015, 92, 305-310.	10.3	68
25	Carbon Nanomaterials for Energy and Biorelated Catalysis: Recent Advances and Looking Forward. ACS Central Science, 2019, 5, 389-408.	11.3	67
26	Interactions of chromatic and lens-induced defocus during visual control of eye growth in guinea pigs (<i>Cavia porcellus</i>). Vision Research, 2014, 94, 24-32.	1.4	65
27	Comparison of Myopic Progression before, during, and after COVID-19 Lockdown. Ophthalmology, 2021, 128, 1655-1657.	5.2	62
28	Scleral HIF-1 α is a prominent regulatory candidate for genetic and environmental interactions in human myopia pathogenesis. EBioMedicine, 2020, 57, 102878.	6.1	56
29	Conjunctival Microbiome Changes Associated With Soft Contact Lens and Orthokeratology Lens Wearing. , 2017, 58, 128.		55
30	Foxp1 Regulates Cortical Radial Migration and Neuronal Morphogenesis in Developing Cerebral Cortex. PLoS ONE, 2015, 10, e0127671.	2.5	52
31	Extremely Low Penetrance of Leber's Hereditary Optic Neuropathy in 8 Han Chinese Families Carrying the ND4 G11778A Mutation. Ophthalmology, 2009, 116, 558-564.e3.	5.2	51
32	Prevalence of Mitochondrial ND4 Mutations in 1281 Han Chinese Subjects With Leber's Hereditary Optic Neuropathy. , 2015, 56, 4778.		49
33	Effects of Dopaminergic Agents on Progression of Naturally Occurring Myopia in Albino Guinea Pigs (<i>Cavia porcellus</i>). , 2014, 55, 7508.		48
34	The Presence of m1 to m5 Receptors in Human Sclera: Evidence of the Sclera as a Potential Site of Action for Muscarinic Receptor Antagonists. Current Eye Research, 2006, 31, 587-597.	1.5	47
35	Polydopamine/poly(sulfobetaine methacrylate) Co-deposition coatings triggered by CuSO ₄ /H ₂ O ₂ on implants for improved surface hemocompatibility and antibacterial activity. Bioactive Materials, 2021, 6, 2546-2556.	15.6	47
36	Cosegregation of the ND4 G11696A mutation with the LHON-associated ND4 G11778A mutation in a four generation Chinese family. Mitochondrion, 2007, 7, 140-146.	3.4	46

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37	'RetinoGenetics': a comprehensive mutation database for genes related to inherited retinal degeneration. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau047-bau047.	3.0	46
38	SaCas9 Requires 5'â€²â€³NNGRRTâ€³â€² PAM for Sufficient Cleavage and Possesses Higher Cleavage Activity than SpCas9 or FnCpf1 in Human Cells. Biotechnology Journal, 2018, 13, e1700561.	3.5	46
39	Activation of Dopamine D2 Receptor Is Critical for the Development of Form-Deprivation Myopia in the C57BL/6 Mouse. , 2014, 55, 5537.		44
40	Daily Injection But Not Continuous Infusion of Apomorphine Inhibits Form-Deprivation Myopia in Mice. , 2015, 56, 2475.		44
41	Proteasome Inhibitors Activate Autophagy Involving Inhibition of PI3K-Akt-mTOR Pathway as an Anti-Oxidation Defense in Human RPE Cells. PLoS ONE, 2014, 9, e103364.	2.5	42
42	Molecular Diagnosis of Putative Stargardt Disease by Capture Next Generation Sequencing. PLoS ONE, 2014, 9, e95528.	2.5	38
43	Microporous N,Pâ€³Codoped Graphitic Nanosheets as an Efficient Electrocatalyst for Oxygen Reduction in Whole pH Range for Energy Conversion and Biosensing Dissolved Oxygen. Chemistry - A European Journal, 2018, 24, 18487-18493.	3.3	36
44	Only male matrilineal relatives with Leberâ€³s hereditary optic neuropathy in a large Chinese family carrying the mitochondrial DNA G11778A mutation. Biochemical and Biophysical Research Communications, 2005, 328, 1139-1145.	2.1	34
45	Microphthalmia-associated transcription factor regulates the visual cycle genes Rlbp1 and Rdh5 in the retinal pigment epithelium. Scientific Reports, 2016, 6, 21208.	3.3	34
46	Inverse Occlusion: A Binocularly Motivated Treatment for Amblyopia. Neural Plasticity, 2019, 2019, 1-12.	2.2	34
47	Measuring the Contrast Sensitivity Function Using the qCSF Method With 10 Digits. Translational Vision Science and Technology, 2018, 7, 9.	2.2	33
48	Genipin-Crosslinked Donor Sclera for Posterior Scleral Contraction/Reinforcement to Fight Progressive Myopia. , 2018, 59, 3564.		33
49	Cause and Effect Relationship between Changes in Scleral Matrix Metalloproteinase-2 Expression and Myopia Development in Mice. American Journal of Pathology, 2018, 188, 1754-1767.	3.8	32
50	CRISPR/Cas9- loxP -Mediated Gene Editing as a Novel Site-Specific Genetic Manipulation Tool. Molecular Therapy - Nucleic Acids, 2017, 7, 378-386.	5.1	31
51	Hyperosmotic Stressâ€³Induced TRPM2 Channel Activation Stimulates NLRP3 Inflammasome Activity in Primary Human Corneal Epithelial Cells. , 2018, 59, 3259.		31
52	Identification of a Novel GJA8 (Cx50) Point Mutation Causes Human Dominant Congenital Cataracts. Scientific Reports, 2014, 4, 4121.	3.3	30
53	Prioritizing natural-selection signals from the deep-sequencing genomic data suggests multi-variant adaptation in Tibetan highlanders. National Science Review, 2019, 6, 1201-1222.	9.5	30
54	Dietary 18:3 polyunsaturated fatty acids are protective for myopia. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30

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55	Decreased Choroidal Blood Perfusion Induces Myopia in Guinea Pigs. , 2021, 62, 30.		30
56	The Role of Retinal Dopamine in C57BL/6 Mouse Refractive Development as Revealed by Intravitreal Administration of 6-Hydroxydopamine. , 2016, 57, 5393.		29
57	Dopamine D1 Receptors Contribute Critically to the Apomorphine-Induced Inhibition of Form-Deprivation Myopia in Mice. , 2018, 59, 2623.		28
58	Choroidal blood perfusion as a potential "rapid predictive index" for myopia development and progression. Eye and Vision (London, England), 2021, 8, 1.	3.0	28
59	Integrative genomics analysis reveals a 21q22.11 locus contributing risk to COVID-19. Human Molecular Genetics, 2021, 30, 1247-1258.	2.9	28
60	Smart Contact Lens with Dual-Sensing Platform for Monitoring Intraocular Pressure and Matrix Metalloproteinase. Advanced Science, 2022, 9, e2104738.	11.2	28
61	Rapid Integration of Tactile and Visual Information by a Newly Sighted Child. Current Biology, 2016, 26, 1069-1074.	3.9	27
62	Changes in retinal metabolic profiles associated with form deprivation myopia development in guinea pigs. Scientific Reports, 2017, 7, 2777.	3.3	27
63	Dopamine Receptor Subtypes Mediate Opposing Effects on Form Deprivation Myopia in Pigmented Guinea Pigs. , 2018, 59, 4441.		26
64	Parapapillary Choroidal Microvasculature Dropout Is Associated With the Decrease in Retinal Nerve Fiber Layer Thickness: A Prospective Study. , 2019, 60, 838.		26
65	Design, methodology, and baseline of whole city-million scale children and adolescents myopia survey (CAMS) in Wenzhou, China. Eye and Vision (London, England), 2021, 8, 31.	3.0	25
66	In vivo evaluation of corneal biomechanical properties by optical coherence elastography at different cross-linking irradiances. Journal of Biomedical Optics, 2019, 24, 1.	2.6	25
67	Integrating single-cell sequencing data with GWAS summary statistics reveals CD16+monocytes and memory CD8+T cells involved in severe COVID-19. Genome Medicine, 2022, 14, 16.	8.2	25
68	Expanding the Phenotypic and Genotypic Landscape of Nonsyndromic High Myopia: A Cross-Sectional Study in 731 Chinese Patients. , 2019, 60, 4052.		24
69	WAVE2 suppresses mTOR activation to maintain T cell homeostasis and prevent autoimmunity. Science, 2021, 371, .	12.6	23
70	MITF protects against oxidative damage-induced retinal degeneration by regulating the NRF2 pathway in the retinal pigment epithelium. Redox Biology, 2020, 34, 101537.	9.0	22
71	Centrifugally concentric ring-patterned drug-loaded polymeric coating as an intraocular lens surface modification for efficient prevention of posterior capsular opacification. Acta Biomaterialia, 2022, 138, 327-341.	8.3	22
72	The Drosophila tankyrase regulates Wg signaling depending on the concentration of Daxin. Cellular Signalling, 2014, 26, 1717-1724.	3.6	21

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73	A Single Multiplex crRNA Array for FnCpf1-Mediated Human Genome Editing. <i>Molecular Therapy</i> , 2018, 26, 2070-2076.	8.2	20
74	Efficient cleavage resolves PAM preferences of CRISPR-Cas in human cells. <i>Cell Regeneration</i> , 2019, 8, 44-50.	2.6	20
75	Leber's Hereditary Optic Neuropathy Affects Only Female Matrilineal Relatives in Two Chinese Families. , 2010, 51, 4906.		19
76	Vitreous delivery of AAV vectored Cnga3 restores cone function in CNGA3 ^{-/-} /Nrl ^{-/-} mice, an all-cone model of CNGA3 achromatopsia. <i>Human Molecular Genetics</i> , 2015, 24, 3699-707.	2.9	19
77	Engineering the Direct Repeat Sequence of crRNA for Optimization of FnCpf1-Mediated Genome Editing in Human Cells. <i>Molecular Therapy</i> , 2018, 26, 2650-2657.	8.2	19
78	<p>miR-142-3p suppresses uveal melanoma by targeting CDC25C, TGFÎ²R1, GNAQ, WASL, and RAC1</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 4729-4742.	1.9	19
79	Cyanobacteria-based self-oxygenated photodynamic therapy for anaerobic infection treatment and tissue repair. <i>Bioactive Materials</i> , 2022, 12, 314-326.	15.6	19
80	Wavefront aberration and its association with intraocular pressure and central corneal thickness in myopic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1447-1454.	1.5	18
81	Up-Regulation of Matrix Metalloproteinase-2 by Scleral Monocyteâ€œDerived Macrophages Contributes to Myopia Development. <i>American Journal of Pathology</i> , 2020, 190, 1888-1908.	3.8	18
82	Drosophila USP5 Controls the Activation of Apoptosis and the Jun N-Terminal Kinase Pathway during Eye Development. <i>PLoS ONE</i> , 2014, 9, e92250.	2.5	17
83	An Autism-Related, Nonsense Foxp1 Mutant Induces Autophagy and Delays Radial Migration of the Cortical Neurons. <i>Cerebral Cortex</i> , 2019, 29, 3193-3208.	2.9	17
84	Machine learning-based integrative analysis of methylome and transcriptome identifies novel prognostic DNA methylation signature in uveal melanoma. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	17
85	Interocular Suppression as Revealed by Dichoptic Masking Is Orientation-Dependent and Imbalanced in Amblyopia. , 2020, 61, 28.		17
86	The Sterile 20-Like Kinase Tao Controls Tissue Homeostasis by Regulating the Hippo Pathway in Drosophila Adult Midgut. <i>Journal of Genetics and Genomics</i> , 2014, 41, 429-438.	3.9	16
87	SIRT1 Deletion Impairs Retinal Endothelial Cell Migration Through Downregulation of VEGF-A/VEGFR-2 and MMP14. , 2018, 59, 5431.		16
88	The Binocular Balance at High Spatial Frequencies as Revealed by the Binocular Orientation Combination Task. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 106.	2.0	16
89	Co-Expression of Mitochondrial Genes and ACE2 in Cornea Involved in COVID-19. , 2020, 61, 13.		16
90	Low penetrance of Leber's hereditary optic neuropathy in ten Han Chinese families carrying the ND6 T11484C mutation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 305-312.	2.4	15

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91	Targeted Deletion of the Murine Lgr4 Gene Decreases Lens Epithelial Cell Resistance to Oxidative Stress and Induces Age-Related Cataract Formation. PLoS ONE, 2015, 10, e0119599.	2.5	15
92	Wearable Corneal Biosensors Fabricated from PEDOT Functionalized Sulfur-Doped Graphene for Use in the Early Detection of Myopia. Advanced Materials Technologies, 2020, 5, 2000682.	5.8	15
93	Human cell based directed evolution of adenine base editors with improved efficiency. Nature Communications, 2021, 12, 5897.	12.8	15
94	Development of the human superior colliculus and the retinocollicular projection. Experimental Eye Research, 2006, 82, 300-310.	2.6	14
95	Identification of Three Novel Mutations in the FRMD7 Gene for X-linked Idiopathic Congenital Nystagmus. Scientific Reports, 2014, 4, 3745.	3.3	14
96	Inhibition of store-operated calcium entry by sub-lethal levels of proteasome inhibition is associated with STIM1/STIM2 degradation. Cell Calcium, 2016, 59, 172-180.	2.4	14
97	Opposing Effects of PPAR α Agonism and Antagonism on Refractive Development and Form Deprivation Myopia in Guinea Pigs. , 2018, 59, 5803.		14
98	EyeDiseases: an integrated resource for dedicating to genetic variants, gene expression and epigenetic factors of human eye diseases. NAR Genomics and Bioinformatics, 2021, 3, lqab050.	3.2	14
99	Retinal Dopamine D2 Receptors Participate in the Development of Myopia in Mice. , 2022, 63, 24.		14
100	Absolute Not Relative Interocular Luminance Modulates Sensory Eye Dominance Plasticity in Adults. Neuroscience, 2017, 367, 127-133.	2.3	13
101	Role of Cyclic Adenosine Monophosphate in Myopic Scleral Remodeling in Guinea Pigs: A Microarray Analysis. , 2018, 59, 4318.		13
102	Slc7a14 Is Indispensable in Zebrafish Retinas. Frontiers in Cell and Developmental Biology, 2019, 7, 333.	3.7	13
103	Novel mutations in PDE6B causing human retinitis pigmentosa. International Journal of Ophthalmology, 2016, 9, 1094-9.	1.1	13
104	KIT ligand protects against both light-induced and genetic photoreceptor degeneration. ELife, 2020, 9, .	6.0	13
105	Multifunctional luminescent nanofibres from Eu ³⁺ -doped La ₂ O ₂ SO ₄ with enhanced oxygen storage capability. Journal of Alloys and Compounds, 2017, 695, 202-207.	5.5	12
106	Association of School Education With Eyesight Among Children and Adolescents. JAMA Network Open, 2022, 5, e229545.	5.9	12
107	The effect of topical administration of cyclopentolate on ocular biometry: An analysis for mouse and human models. Scientific Reports, 2017, 7, 9952.	3.3	11
108	On the Relationship Between Sensory Eye Dominance and Stereopsis in the Normal-Sighted Adult Population: Normative Data. Frontiers in Human Neuroscience, 2018, 12, 357.	2.0	11

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109	Corneal Collagen Cross-Linking With Riboflavin and UVA Regulates Hemangiogenesis and Lymphangiogenesis in Rats. , 2018, 59, 3702.		11
110	Machine learning based strategy surpasses the traditional method for selecting the first trial Lens parameters for corneal refractive therapy in Chinese adolescents with myopia. Contact Lens and Anterior Eye, 2021, 44, 101330.	1.7	11
111	Biometry of Anterior Segment of Human Eye on Both Horizontal and Vertical Meridians during Accommodation Imaged with Extended Scan Depth Optical Coherence Tomography. PLoS ONE, 2014, 9, e104775.	2.5	10
112	Alterations of motor cortical microcircuit in a depressive-like mouse model produced by light deprivation. Neuroscience, 2017, 341, 79-94.	2.3	10
113	Dysfunction of VIPR2 leads to myopia in humans and mice. Journal of Medical Genetics, 2022, 59, 88-100.	3.2	10
114	PPAR β modulates refractive development and form deprivation myopia in Guinea pigs. Experimental Eye Research, 2021, 202, 108332.	2.6	10
115	CRISPR/Cas9-AAV Mediated Knock-in at NRL Locus in Human Embryonic Stem Cells. Molecular Therapy - Nucleic Acids, 2016, 5, e393.	5.1	9
116	High-intensity corneal collagen crosslinking with riboflavin and UVA in rat cornea. PLoS ONE, 2017, 12, e0179580.	2.5	9
117	Prostaglandin F 2α Receptor Modulation Affects Eye Development in Guinea Pigs. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 263-270.	2.5	9
118	Continuous-light versus pulsed-light accelerated corneal crosslinking with ultraviolet-A and riboflavin. Journal of Cataract and Refractive Surgery, 2018, 44, 382-389.	1.5	9
119	Effects of the Tyrosinase-Dependent Dopaminergic System on Refractive Error Development in Guinea Pigs. , 2018, 59, 4631.		9
120	Whole-exome sequencing identified <i>ARL2</i> as a novel candidate gene for MRCS (microcornea,) Tj ETQq0 0 0 rgeBT /Overlock 10 T	2.6	9
121	MD2 blockade prevents modified LDL-induced retinal injury in diabetes by suppressing NADPH oxidase-4 interaction with Toll-like receptor-4. Experimental and Molecular Medicine, 2021, 53, 681-694.	7.7	9
122	Altered Retinal Dopamine Levels in a Melatonin-proficient Mouse Model of Form-deprivation Myopia. Neuroscience Bulletin, 2022, 38, 992-1006.	2.9	9
123	Cytotoxicity of Single-Walled Carbon Nanotubes with Human Ocular Cells. Advanced Materials Research, 0, 287-290, 32-36.	0.3	8
124	A recurrent deletion mutation in OPA1 causes autosomal dominant optic atrophy in a Chinese family. Scientific Reports, 2014, 4, 6936.	3.3	8
125	Identification of a rhodopsin gene mutation in a large family with autosomal dominant retinitis pigmentosa. Scientific Reports, 2016, 6, 19759.	3.3	8
126	A role of color vision in emmetropization in C57BL/6J mice. Scientific Reports, 2020, 10, 14895.	3.3	8

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127	Machine learning algorithm improves accuracy of ortho-K lens fitting in vision shaping treatment. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101474.	1.7	8
128	Declines in PDE4B activity promote myopia progression through downregulation of scleral collagen expression. <i>Experimental Eye Research</i> , 2021, 212, 108758.	2.6	8
129	Eye and Vision (E & V): the critical link between eye and vision. <i>Eye and Vision (London, England)</i> , 2014, 1, 1.	3.0	7
130	Prospective Study on Ex-PRESS Implantation Combined with Phacoemulsification in Primary Angle-Closure Glaucoma Coexisting Cataract: 3-Year Results. <i>Current Eye Research</i> , 2018, 43, 1045-1051.	1.5	7
131	Decreased Vessel Density in Retinal Capillary Plexus and Thinner Ganglion Cell Complex Associated With Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 872466.	3.4	7
132	Microphthalmia-associated transcription factor regulates skin melanoblast migration by repressing the melanoma cell adhesion molecule. <i>Experimental Dermatology</i> , 2016, 25, 74-76.	2.9	6
133	The transcription factor TBX2 regulates melanogenesis in melanocytes by repressing Oca2. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 103-109.	3.1	6
134	Knowledge, attitudes and practices related to seeking medical eyecare services by adults with moderate-to-severe visual impairment in rural Yueqing, Wenzhou, China: a cross-sectional survey. <i>International Journal of Ophthalmology</i> , 2020, 13, 1115-1123.	1.1	6
135	The Jidong Eye Cohort Study: objectives, design, and baseline characteristics. <i>Eye and Vision (London, England)</i> , 2020, 7, 8.	3.0	6
136	Association of cigarette smoking with retinal capillary plexus: an optical coherence tomography angiography study. <i>Acta Ophthalmologica</i> , 2022, 100, .	1.1	6
137	Light deprivation produces distinct morphological orchestrations on RGCs and cortical cells in a depressive-like YFP-H mouse model. <i>Neuroscience Letters</i> , 2017, 659, 60-68.	2.1	5
138	Functional non-homologous end joining patterns triggered by CRISPR/Cas9 in human cells. <i>Journal of Genetics and Genomics</i> , 2018, 45, 329-332.	3.9	5
139	Optic nerve crush modulates refractive development of the C57BL/6 mouse by changing multiple ocular dimensions. <i>Brain Research</i> , 2020, 1726, 146537.	2.2	5
140	Design and baseline data of a population-based metabonomics study of eye diseases in eastern China: the Yueqing Ocular Diseases Investigation. <i>Eye and Vision (London, England)</i> , 2020, 7, 8.	3.0	5
141	Lb2Cas12a and its engineered variants mediate genome editing in human cells. <i>FASEB Journal</i> , 2021, 35, e21270.	0.5	5
142	The Role of Retinal Connexins Cx36 and Horizontal Cell Coupling in Emmetropization in Guinea Pigs. , 2021, 62, 27.		5
143	Two-year longitudinal change in choroidal and retinal thickness in school-aged myopic children: exploratory analysis of clinical trials for myopia progression. <i>Eye and Vision (London, England)</i> , 2022, 9, 5.	3.0	5
144	The Role of Internal Limiting Membrane Flap for Highly Myopic Macular Hole Retinal Detachment: Improving the Closure Rate but Leading to Excessive Gliosis. <i>Frontiers in Medicine</i> , 2021, 8, 812693.	2.6	5

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145	Surface Hydrophilicity Improvement of RGP Contact Lens Material by Oxygen Plasma Treatment. <i>Materials Science Forum</i> , 0, 610-613, 1268-1272.	0.3	4
146	iTRAQ-Based Proteomic Analysis of Visual Cycle-Associated Proteins in RPE of <i>rd12</i> Mice before and after <i>RPE65</i> Gene Delivery. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	1.3	4
147	SUV39H1 regulates corneal epithelial wound healing via H3K9me3-mediated repression of p27. <i>Eye and Vision (London, England)</i> , 2022, 9, 4.	3.0	4
148	Form-deprivation myopia downregulates calcium levels in retinal horizontal cells in mice. <i>Experimental Eye Research</i> , 2022, 218, 109018.	2.6	4
149	Biometric factors and orthokeratology lens parameters can influence the treatment zone diameter on corneal topography in Corneal Refractive Therapy lens wearers. <i>Contact Lens and Anterior Eye</i> , 2023, 46, 101700.	1.7	4
150	The Impact of Flap Creation Methods for Sub-Bowman's Keratomileusis (SBK) on the Central Thickness of Bowman's Layer. <i>PLoS ONE</i> , 2015, 10, e0124996.	2.5	3
151	Short-Term Deprivation Does Not Influence Monocular or Dichoptic Temporal Synchrony at Low Temporal Frequency. <i>Frontiers in Neuroscience</i> , 2020, 14, 402.	2.8	3
152	Effects of baffle and intraocular pressure on aerosols generated in the noncontact tonometer measurement during COVID-19. <i>International Journal of Ophthalmology</i> , 2022, 15, 533-540.	1.1	3
153	Association of Serum Uric Acid With Retinal Capillary Plexus. <i>Frontiers in Endocrinology</i> , 2022, 13, 855430.	3.5	3
154	Simulations to Assess the Performance of Multifactor Risk Scores for Predicting Myopia Prevalence in Children and Adolescents in China. <i>Frontiers in Genetics</i> , 2022, 13, 861164.	2.3	3
155	Hypoxia-Induced Scleral HIF-2 α Upregulation Contributes to Rises in MMP-2 Expression and Myopia Development in Mice. , 2022, 63, 2.		3
156	Surface Modification of Fluorosilicone Acrylate RGP Contact Lens by Low-Temperature Ammonia Plasma. <i>Materials Science Forum</i> , 0, 610-613, 1273-1277.	0.3	2
157	Transient Expression of Fez Family Zinc Finger 2 Protein Regulates the Brn3b Gene in Developing Retinal Ganglion Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 7661-7668.	3.4	2
158	A Comprehensive Strategy for Laser Corneal Refractive Surgery during the COVID-19 Epidemic in a Tertiary Teaching Hospital in Wenzhou, China. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-6.	1.3	2
159	Action Video Gaming Does Not Influence Short-Term Ocular Dominance Plasticity in Visually Normal Adults. <i>ENeuro</i> , 2020, 7, ENEURO.0006-20.2020.	1.9	2
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