

Yizhi Liu

List of Publications by Year in descending order

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191
papers

5,680
citations

109321

35
h-index

110387

64
g-index

195
all docs

195
docs citations

195
times ranked

7299
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-world visual outcomes of cataract surgery based on population-based studies: a systematic review. <i>British Journal of Ophthalmology</i> , 2023, 107, 1056-1065.	3.9	8
2	Spatial Technology Assessment of Green Space Exposure and Myopia. <i>Ophthalmology</i> , 2022, 129, 113-117.	5.2	11
3	Clinically Significant Intraocular Lens Decentration and Tilt in Highly Myopic Eyes: A Swept-Source Optical Coherence Tomography Study. <i>American Journal of Ophthalmology</i> , 2022, 235, 46-55.	3.3	13
4	Accuracy of Intraocular Lens Calculation Formulas in Patients Undergoing Combined Phakic Intraocular Lens Removal and Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2022, 234, 241-249.	3.3	4
5	In-the-Bag Versus Ciliary Sulcus Secondary Intraocular Lens Implantation for Pediatric Aphakia: A Prospective Comparative Study. <i>American Journal of Ophthalmology</i> , 2022, 236, 183-192.	3.3	14
6	Heterochromatin inhibits cGAS and STING during oxidative stress-induced retinal pigment epithelium and retina degeneration. <i>Free Radical Biology and Medicine</i> , 2022, 178, 147-160.	2.9	7
7	Corneal Biometric Features and Their Association With Axial Length in High Myopia. <i>American Journal of Ophthalmology</i> , 2022, 238, 45-51.	3.3	12
8	MYPT1/PP1-Mediated EZH2 Dephosphorylation at S21 Promotes Epithelial-Mesenchymal Transition in Fibrosis through Control of Multiple Families of Genes. <i>Advanced Science</i> , 2022, 9, e2105539.	11.2	10
9	Comprehensive 3D epigenomic maps define limbal stem/progenitor cell function and identity. <i>Nature Communications</i> , 2022, 13, 1293.	12.8	6
10	Inhibition of cGAS-STING by JQ1 alleviates oxidative stress-induced retina inflammation and degeneration. <i>Cell Death and Differentiation</i> , 2022, 29, 1816-1833.	11.2	33
11	Tmem138 is localized to the connecting cilium essential for rhodopsin localization and outer segment biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2109934119.	7.1	8
12	Multinucleated Retinal Pigment Epithelial Cells Adapt to Vision and Exhibit Increased DNA Damage Response. <i>Cells</i> , 2022, 11, 1552.	4.1	5
13	Pigmented posterior lenticonus in unilateral development cataract. <i>American Journal of Ophthalmology</i> , 2022, 240, e3-e4.	3.3	1
14	Identification of TPBG-Expressing Amacrine Cells in DAT-tdTomato Mouse. , 2022, 63, 13.		2
15	Single-cell transcriptomics of adult macaque hippocampus reveals neural precursor cell populations. <i>Nature Neuroscience</i> , 2022, 25, 805-817.	14.8	47
16	Chromatin accessibility analysis reveals regulatory dynamics and therapeutic relevance of Vogt-Koyanagi-Harada disease. <i>Communications Biology</i> , 2022, 5, .	4.4	4
17	Two-Year Choroidal Thickness Attenuation and Its Associations in Healthy Chinese Adults. <i>Translational Vision Science and Technology</i> , 2022, 11, 21.	2.2	1
18	TFEB-Mediated Lysosomal Restoration Alleviates High Glucose-Induced Cataracts Via Attenuating Oxidative Stress. , 2022, 63, 26.		2

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19	Cis-regulatory chromatin loops analysis identifies GRHL3 as a master regulator of surface epithelium commitment. <i>Science Advances</i> , 2022, 8, .	10.3	3
20	High-dimensional single-cell analysis reveals the immune characteristics of COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L84-L98.	2.9	22
21	Effectiveness of an Ophthalmic Hospital-Based Virtual Service during the COVID-19 Pandemic. <i>Ophthalmology</i> , 2021, 128, 942-945.	5.2	25
22	Autophagy inhibition attenuates TGF- β 2-induced epithelial-to-mesenchymal transition in lens epithelial cells. <i>Life Sciences</i> , 2021, 265, 118741.	4.3	17
23	A decision aid to facilitate informed choices among cataract patients: A randomized controlled trial. <i>Patient Education and Counseling</i> , 2021, 104, 1295-1303.	2.2	6
24	Core transcription regulatory circuitry orchestrates corneal epithelial homeostasis. <i>Nature Communications</i> , 2021, 12, 420.	12.8	32
25	Real-Time Imaging of Incision-Related Descemet Membrane Detachment During Cataract Surgery. <i>JAMA Ophthalmology</i> , 2021, 139, 150.	2.5	11
26	Microinvasive pars plana vitrectomy versus panretinal photocoagulation in the treatment of severe non-proliferative diabetic retinopathy (the VIP study): study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e043371.	1.9	0
27	Characteristics and Risk Factors of Intraocular Lens Tilt and Decentration of Phacoemulsification After Pars Plana Vitrectomy. <i>Translational Vision Science and Technology</i> , 2021, 10, 26.	2.2	7
28	Express Medicine's Potential for Home-Based Medical Care. <i>JAMA Ophthalmology</i> , 2021, 139, 269.	2.5	2
29	A specific RIP3 subpopulation of microglia promotes retinopathy through a hypoxia-triggered necroptotic mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
30	Identification of an intraocular microbiota. <i>Cell Discovery</i> , 2021, 7, 13.	6.7	30
31	A Peer-to-Peer Live-Streaming Intervention for Children During COVID-19 Homeschooling to Promote Physical Activity and Reduce Anxiety and Eye Strain: Cluster Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e24316.	4.3	47
32	Melatonin protects inner retinal neurons of newborn mice after hypoxia-ischemia. <i>Journal of Pineal Research</i> , 2021, 71, e12716.	7.4	32
33	Real-world big data demonstrates prevalence trends and developmental patterns of myopia in China: a retrospective, multicenter study. <i>Annals of Translational Medicine</i> , 2021, 9, 554-554.	1.7	5
34	Axial Length Change in Pseudophakic Eyes Measured by IOLMaster 700. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	2.2	6
35	Effect of High Myopia on Dynamic Changes of Anterior Angle After Pharmacologic Mydriasis in Cataract Patients: A SS-ASOCT Study. <i>Translational Vision Science and Technology</i> , 2021, 10, 25.	2.2	1
36	Generation of a homozygous CRISPR/Cas9-mediated knockout H9 hESC subline for the MERTK locus. <i>Stem Cell Research</i> , 2021, 53, 102310.	0.7	0

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37	The E3 Ligase PIAS1 Regulates p53 Sumoylation to Control Stress-Induced Apoptosis of Lens Epithelial Cells Through the Proapoptotic Regulator Bax. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660494.	3.7	9
38	Comparison of Visual Neuroadaptations After Multifocal and Monofocal Intraocular Lens Implantation. <i>Frontiers in Neuroscience</i> , 2021, 15, 648863.	2.8	12
39	PPAR α and PPAR β modulate cAMP response element-binding protein (CREB) functions in aging control and stress response through de-regulation of β -crystallin gene and p300-p53 signaling axis. <i>Aging Cell</i> , 2021, 20, e13458.	6.7	8
40	Application of Comprehensive Artificial intelligence Retinal Expert (CARE) system: a national real-world evidence study. <i>The Lancet Digital Health</i> , 2021, 3, e486-e495.	12.3	65
41	Association of Allergic Conjunctivitis With Health-Related Quality of Life in Children and Their Parents. <i>JAMA Ophthalmology</i> , 2021, 139, 830.	2.5	16
42	Intraoperative Optical Coherence Tomography Guided Imaging of Incision-Site Descemet Membrane Dynamics During Phacoemulsification—Reply. <i>JAMA Ophthalmology</i> , 2021, 139, 918.	2.5	1
43	Properties Regulation and Biological Applications of Decellularized Peripheral Nerve Matrix Hydrogel. <i>ACS Applied Bio Materials</i> , 2021, 4, 6473-6487.	4.6	5
44	Generation and Staging of Human Retinal Organoids Based on Self-Formed Ectodermal Autonomous Multi-Zone System. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 732382.	3.7	6
45	Immune Cell Landscape of Patients With Diabetic Macular Edema by Single-Cell RNA Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 754933.	3.5	16
46	Safety and feasibility of subconjunctival injection of mesenchymal stem cells for acute severe ocular burns: A single-arm study. <i>Ocular Surface</i> , 2021, 22, 103-109.	4.4	7
47	Incidence of Incision-Related Descemet Membrane Detachment Using Phacoemulsification With Trapezoid vs Conventional 2.2-mm Clear Corneal Incision. <i>JAMA Ophthalmology</i> , 2021, 139, 1228.	2.5	5
48	In vivo Regeneration of Ganglion Cells for Vision Restoration in Mammalian Retinas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 755544.	3.7	27
49	Prevalence, incidence, and risk factors for myopia among urban and rural children in southern China: protocol for a school-based cohort study. <i>BMJ Open</i> , 2021, 11, e049846.	1.9	6
50	Structural variants in the Chinese population and their impact on phenotypes, diseases and population adaptation. <i>Nature Communications</i> , 2021, 12, 6501.	12.8	33
51	Defect of LSS Disrupts Lens Development in Cataractogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788422.	3.7	12
52	Oxidative stress-induced KLF4 activates inflammatory response through IL17RA and its downstream targets in retinal pigment epithelial cells. <i>Free Radical Biology and Medicine</i> , 2020, 147, 271-281.	2.9	17
53	A practical model for the identification of congenital cataracts using machine learning. <i>EBioMedicine</i> , 2020, 51, 102621.	6.1	28
54	Incidence of and Risk Factors for Suspected Glaucoma and Glaucoma After Congenital and Infantile Cataract Surgery: A Longitudinal Study in China. <i>Journal of Glaucoma</i> , 2020, 29, 46-52.	1.6	12

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55	Accuracy of intraocular lens power calculations in paediatric eyes. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 301-310.	2.6	13
56	MiR-22a-3p inhibits fibrotic cataract through inactivation of HDAC6 and increase of β -tubulin acetylation. <i>Cell Proliferation</i> , 2020, 53, e12911.	5.3	17
57	The Structure of the Lens and Its Associations with the Visual Quality. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000459.	1.6	17
58	Single-cell RNA cap and tail sequencing (scRCAT-seq) reveals subtype-specific isoforms differing in transcript demarcation. <i>Nature Communications</i> , 2020, 11, 5148.	12.8	14
59	Attitudes towards medical artificial intelligence talent cultivation: an online survey study. <i>Annals of Translational Medicine</i> , 2020, 8, 708-708.	1.7	14
60	Impact of cataract screening integrated into establishment of resident health record on surgical output in a rural area of south China. <i>Annals of Translational Medicine</i> , 2020, 8, 1222-1222.	1.7	2
61	NLRP12- and NLRC4-mediated corneal epithelial pyroptosis is driven by GSDMD cleavage accompanied by IL-33 processing in dry eye. <i>Ocular Surface</i> , 2020, 18, 783-794.	4.4	46
62	Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors. <i>Nature Communications</i> , 2020, 11, 3704.	12.8	62
63	Profiles of intraocular higher-order aberrations in healthy phakic eyes: prospective cross-sectional study. <i>Annals of Translational Medicine</i> , 2020, 8, 850-850.	1.7	2
64	Generation of a homozygous CRISPR/Cas9-mediated knockout H9 hESC subline for the CRB1 locus. <i>Stem Cell Research</i> , 2020, 49, 102057.	0.7	2
65	Determinants of intraocular lens tilt and decentration after cataract surgery. <i>Annals of Translational Medicine</i> , 2020, 8, 921-921.	1.7	14
66	Molecular signature for senile and complicated cataracts derived from analysis of sumoylation enzymes and their substrates in human cataract lenses. <i>Aging Cell</i> , 2020, 19, e13222.	6.7	8
67	Artificial intelligence manages congenital cataract with individualized prediction and telehealth computing. <i>Npj Digital Medicine</i> , 2020, 3, 112.	10.9	22
68	Exploring the growth patterns of medical demand for eye care: a longitudinal hospital-level study over 10 years in China. <i>Annals of Translational Medicine</i> , 2020, 8, 1374-1374.	1.7	7
69	Developmental characteristics of the cytokine profile in aqueous humor and its relationship with the inflammatory response in children. <i>Annals of Translational Medicine</i> , 2020, 8, 1542-1542.	1.7	3
70	Lens regeneration in humans: using regenerative potential for tissue repairing. <i>Annals of Translational Medicine</i> , 2020, 8, 1544-1544.	1.7	11
71	Malformation of Tear Ducts Underlies the Epiphora and Precocious Eyelid Opening in Prickle 1 Mutant Mice: Genetic Implications for Tear Duct Genesis. , 2020, 61, 6.		8
72	Ontogenesis of the tear drainage system requires Prickle 1-driven polarized basement membrane (BM) deposition. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	2

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73	Accuracy of New Generation Intraocular Lens Calculation Formulas in Vitrectomized Eyes. <i>American Journal of Ophthalmology</i> , 2020, 217, 81-90.	3.3	27
74	Using inducible lentiviral vectors to generate induced pluripotent stem cell line ZOCi001-A from peripheral blood cells of a patient with CRB1 ^{+/+} retinitis pigmentosa.. <i>Stem Cell Research</i> , 2020, 45, 101817.	0.7	3
75	Patient-centred and economic effectiveness of a decision aid for patients with age-related cataract in China: study protocol of a randomised controlled trial. <i>BMJ Open</i> , 2020, 10, e032242.	1.9	4
76	Dense anatomical annotation of slit-lamp images improves the performance of deep learning for the diagnosis of ophthalmic disorders. <i>Nature Biomedical Engineering</i> , 2020, 4, 767-777.	22.5	42
77	Development of Highly Efficient Dual Δ AAV Split Adenosine Base Editor for In Vivo Gene Therapy. <i>Small Methods</i> , 2020, 4, 2000309.	8.6	34
78	Repurposing type I Δ CRISPR Δ Cas system as a transcriptional activation tool in human cells. <i>Nature Communications</i> , 2020, 11, 3136.	12.8	45
79	D609 protects retinal pigmented epithelium as a potential therapy for age-related macular degeneration. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 20.	17.1	18
80	Using artificial intelligence to improve medical services in China. <i>Annals of Translational Medicine</i> , 2020, 8, 711-711.	1.7	5
81	Application of artificial intelligence in anterior segment ophthalmic diseases: diversity and standardization. <i>Annals of Translational Medicine</i> , 2020, 8, 714-714.	1.7	21
82	Effect of a complex intervention to improve post-vision screening referral compliance among pre-school children in China: A cluster randomized clinical trial. <i>EClinicalMedicine</i> , 2020, 19, 100258.	7.1	5
83	Development and preliminary evaluation of a decision aid to support informed choice among patients with age-related cataract. <i>International Ophthalmology</i> , 2020, 40, 1487-1499.	1.4	1
84	The Key Role of VEGF in the Cross Talk between Pterygium and Dry Eye and Its Clinical Significance. <i>Ophthalmic Research</i> , 2020, 63, 320-331.	1.9	14
85	Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. <i>Cell Metabolism</i> , 2020, 31, 862-877.e14.	16.2	169
86	NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma. <i>Molecular Neurodegeneration</i> , 2020, 15, 26.	10.8	84
87	Comparison of radius of anterior lens surface curvature measurements in vivo using the anterior segment optical coherence tomography and Scheimpflug imaging. <i>Annals of Translational Medicine</i> , 2020, 8, 177-177.	1.7	8
88	Single AAV-Mediated CRISPR-SaCas9 Inhibits HSV-1 Replication by Editing ICP4 in Trigeminal Ganglion Neurons. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 33-43.	4.1	14
89	The transcription factor CREB acts as an important regulator mediating oxidative stress-induced apoptosis by suppressing I Δ B-crystallin expression. <i>Aging</i> , 2020, 12, 13594-13617.	3.1	8
90	Modified organized ophthalmology pre-internship in China. <i>Annals of Translational Medicine</i> , 2020, 8, 1426.	1.7	0

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91	Type I Interferon Therapy Limits CNS Autoimmunity by Inhibiting CXCR3-Mediated Trafficking of Pathogenic Effector T Cells. <i>Cell Reports</i> , 2019, 28, 486-497.e4.	6.4	19
92	Discrimination of the behavioural dynamics of visually impaired infants via deep learning. <i>Nature Biomedical Engineering</i> , 2019, 3, 860-869.	22.5	13
93	Universal artificial intelligence platform for collaborative management of cataracts. <i>British Journal of Ophthalmology</i> , 2019, 103, 1553-1560.	3.9	87
94	The DNA Methylation Inhibitor Zebularine Controls CD4+ T Cell Mediated Intraocular Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 1950.	4.8	16
95	Practical pattern of surgical timing of childhood cataract in China: A cross-sectional database study. <i>International Journal of Surgery</i> , 2019, 62, 56-61.	2.7	3
96	Embryonic stem cell microenvironment suppresses the malignancy of cutaneous melanoma cells by downregulating PI3K/AKT pathway. <i>Cancer Medicine</i> , 2019, 8, 4265-4277.	2.8	9
97	Simultaneous Profiling of mRNA Transcriptome and DNA Methylome from a Single Cell. <i>Methods in Molecular Biology</i> , 2019, 1979, 363-377.	0.9	17
98	In vivo detecting mouse persistent hyperplastic primary vitreous by Spectralis Optical Coherence Tomography. <i>Experimental Eye Research</i> , 2019, 181, 271-276.	2.6	4
99	Diagnostic Efficacy and Therapeutic Decision-making Capacity of an Artificial Intelligence Platform for Childhood Cataracts in Eye Clinics: A Multicentre Randomized Controlled Trial. <i>EClinicalMedicine</i> , 2019, 9, 52-59.	7.1	117
100	JNK1/ β 2-catenin axis regulates H ₂ O ₂ -induced epithelial-to-mesenchymal transition in human lens epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 336-342.	2.1	11
101	Ocular surface pathogenesis associated with precocious eyelid opening and necrotic autologous tissue in mouse with disruption of Prickle 1 gene. <i>Experimental Eye Research</i> , 2019, 180, 208-225.	2.6	6
102	Pharmacological Targeting of BET Bromodomains Inhibits Lens Fibrosis via Downregulation of MYC Expression. , 2019, 60, 4748.		9
103	The Sumoylation Modulated Tumor Suppressor p53 Regulates Cell Cycle Checking Genes to Mediate Lens Differentiation. <i>Current Molecular Medicine</i> , 2019, 18, 556-565.	1.3	6
104	Analysis of Non-Sumoylated and Sumoylated Isoforms of Pax-6, the Master Regulator for Eye and Brain Development in Ocular Cell Lines. <i>Current Molecular Medicine</i> , 2019, 18, 566-573.	1.3	3
105	The Bromodomain and Extra-Terminal Protein Inhibitor OTX015 Suppresses T Helper Cell Proliferation and Differentiation. <i>Current Molecular Medicine</i> , 2019, 18, 594-601.	1.3	5
106	Determination of Expression Patterns of Seven De-sumoylation Enzymes in Major Ocular Cell Lines. <i>Current Molecular Medicine</i> , 2019, 18, 584-593.	1.3	2
107	The anti-inflammatory effect of minocycline on endotoxin-induced uveitis and retinal inflammation in rats. <i>Molecular Vision</i> , 2019, 25, 359-372.	1.1	10
108	Liu et al. reply. <i>Nature</i> , 2018, 556, E3-E4.	27.8	12

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109	Heterochromatin protects retinal pigment epithelium cells from oxidative damage by silencing p53 target genes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3987-E3995.	7.1	27
110	A homozygous mutation p.Arg2167Trp in FREM2 causes isolated cryptophthalmos. Human Molecular Genetics, 2018, 27, 2357-2366.	2.9	14
111	Visual Restoration after Cataract Surgery Promotes Functional and Structural Brain Recovery. EBioMedicine, 2018, 30, 52-61.	6.1	33
112	Clinical characteristics of young adult cataract patients: a 10-year retrospective study of the Zhongshan Ophthalmic Center. BMJ Open, 2018, 8, e020234.	1.9	1
113	Prevalence and Determinants Associated With Spectacle-Wear Compliance in Aphakic Infants. Translational Vision Science and Technology, 2018, 7, 5.	2.2	6
114	Prediction of myopia development among Chinese school-aged children using refraction data from electronic medical records: A retrospective, multicentre machine learning study. PLoS Medicine, 2018, 15, e1002674.	8.4	93
115	VEGF-B is a potent antioxidant. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10351-10356.	7.1	46
116	The immunoregulatory role of corneal epithelium-derived thrombospondin-1 in dry eye disease. Ocular Surface, 2018, 16, 470-477.	4.4	29
117	Wnt5a Contributes to the Differentiation of Human Embryonic Stem Cells into Lentoid Bodies Through the Noncanonical Wnt/JNK Signaling Pathway. , 2018, 59, 3449.		11
118	Glutathione depletion induces ferroptosis, autophagy, and premature cell senescence in retinal pigment epithelial cells. Cell Death and Disease, 2018, 9, 753.	6.3	324
119	Alpha-1 Antitrypsin Attenuates M1 Microglia-Mediated Neuroinflammation in Retinal Degeneration. Frontiers in Immunology, 2018, 9, 1202.	4.8	30
120	Impairments of Visual Function and Ocular Structure in Patients With Unilateral Posterior Lens Opacity. Translational Vision Science and Technology, 2018, 7, 9.	2.2	2
121	A Spatiotemporal Requirement for Prickle 1-Mediated PCP Signaling in Eyelid Morphogenesis and Homeostasis. , 2018, 59, 952.		10
122	Preoperative profile of inflammatory factors in aqueous humor correlates with postoperative inflammatory response in patients with congenital cataract. Molecular Vision, 2018, 24, 414-424.	1.1	10
123	Global and cell-type specific properties of lincRNAs with ribosome occupancy. Nucleic Acids Research, 2017, 45, gkw909.	14.5	38
124	An artificial intelligence platform for the multihospital collaborative management of congenital cataracts. Nature Biomedical Engineering, 2017, 1, .	22.5	234
125	Improvement of Uveal and Capsular Biocompatibility of Hydrophobic Acrylic Intraocular Lens by Surface Grafting with 2-Methacryloyloxyethyl Phosphorylcholine-Methacrylic Acid Copolymer. Scientific Reports, 2017, 7, 40462.	3.3	20
126	Mitochondrial DNA oxidation induces imbalanced activity of NLRP3/NLRP6 inflammasomes by activation of caspase-8 and BRCC36 in dry eye. Journal of Autoimmunity, 2017, 80, 65-76.	6.5	76

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127	Comparison of sedation by intranasal dexmedetomidine and oral chloral hydrate for pediatric ophthalmic examination. <i>Paediatric Anaesthesia</i> , 2017, 27, 629-636.	1.1	36
128	Desiccating stress worsens alkali burn injury by magnifying caspase-8-induced imbalance of NLRP3 and NLRP6. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1172-1176.e3.	2.9	4
129	MicroRNA-26a and -26b inhibit lens fibrosis and cataract by negatively regulating Jagged-1/Notch signaling pathway. <i>Cell Death and Differentiation</i> , 2017, 24, 1431-1442.	11.2	78
130	Dynamic response to initial stage blindness in visual system development. <i>Clinical Science</i> , 2017, 131, 1515-1527.	4.3	5
131	Maintenance of antiangiogenic and antitumor effects by orally active low-dose capecitabine for long-term cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5226-E5235.	7.1	28
132	Ribosome Profiling Reveals Translational Upregulation of Cellular Oxidative Phosphorylation mRNAs during Vaccinia Virus-Induced Host Shutoff. <i>Journal of Virology</i> , 2017, 91, .	3.4	45
133	Off-tumor targets compromise antiangiogenic drug sensitivity by inducing kidney erythropoietin production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9635-E9644.	7.1	12
134	Inhibitory effect of pyrvinium pamoate on uveal melanoma cells involves blocking of Wnt/β-catenin pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 890-898.	2.0	18
135	Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10737-10742.	7.1	30
136	A miR-327a€“FGF10a€“FGFR2-mediated autocrine signaling mechanism controls white fat browning. <i>Nature Communications</i> , 2017, 8, 2079.	12.8	52
137	Direct induction of functional neuronal cells from fibroblast-like cells derived from adult human retina. <i>Stem Cell Research</i> , 2017, 23, 61-72.	0.7	7
138	MethSMRT: an integrative database for DNA N6-methyladenine and N4-methylcytosine generated by single-molecular real-time sequencing. <i>Nucleic Acids Research</i> , 2017, 45, D85-D89.	14.5	111
139	Preoperative and postoperative measurements of retinal vessel oxygen saturation in patients with different grades of cataracts. <i>Acta Ophthalmologica</i> , 2017, 95, e436-e442.	1.1	12
140	The antihelminthic drug niclosamide effectively inhibits the malignant phenotypes of uveal melanoma <i>in vitro</i> and <i>in vivo</i> . <i>Theranostics</i> , 2017, 7, 1447-1462.	10.0	52
141	Monitoring and Morphologic Classification of Pediatric Cataract Using Slit-Lamp-Adapted Photography. <i>Translational Vision Science and Technology</i> , 2017, 6, 2.	2.2	15
142	Pilot study of a novel classroom designed to prevent myopia by increasing childrena€™s exposure to outdoor light. <i>PLoS ONE</i> , 2017, 12, e0181772.	2.5	36
143	Height, weight and body mass index of children with congenital cataracts before surgical treatment. <i>BMC Ophthalmology</i> , 2017, 17, 119.	1.4	1
144	Proteomics analysis and proteogenomic characterization of different physiopathological human lenses. <i>BMC Ophthalmology</i> , 2017, 17, 253.	1.4	14

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145	Association of OGG1 and MTHFR polymorphisms with age-related cataract: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0172092.	2.5	6
146	Facing the challenges in ophthalmology clerkship teaching: Is flipped classroom the answer?. PLoS ONE, 2017, 12, e0174829.	2.5	75
147	A Novel Congenital Cataract Category System Based on Lens Opacity Locations and Relevant Anterior Segment Characteristics. , 2016, 57, 6389.		19
148	Distribution of Axial Length before Cataract Surgery in Chinese Pediatric Patients. Scientific Reports, 2016, 6, 23862.	3.3	16
149	Femtosecond laser combined with non-chopping rotation phacoemulsification technique for soft-nucleus cataract surgery: a prospective study. Scientific Reports, 2016, 6, 18684.	3.3	8
150	Prevalence of Corneal Astigmatism and Anterior Segmental Biometry Characteristics Before Surgery in Chinese Congenital Cataract Patients. Scientific Reports, 2016, 6, 22092.	3.3	17
151	Patient participation in free cataract surgery: a cross-sectional study of the low-income elderly in urban China. BMJ Open, 2016, 6, e011061.	1.9	9
152	Who will be wielding the lancet for China's patients in the future?. Lancet, The, 2016, 388, 1952-1954.	13.7	13
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