

Ke Yao

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

234
papers

3,839
citations

33
h-index

49
g-index

267
ext. papers

4,942
ext. citations

4.7
avg, IF

5.76
L-index

#	Paper	IF	Citations
234	Nanomaterials with a photothermal effect for antibacterial activities: an overview. <i>Nanoscale</i> , 2019 , 11, 8680-8691	7.7	174
233	Flammer syndrome. <i>EPMA Journal</i> , 2014 , 5, 11	8.8	119
232	Effects of 1.8 GHz radiofrequency field on DNA damage and expression of heat shock protein 70 in human lens epithelial cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 602, 135-42	3.3	87
231	Laser-Activatable CuS Nanodots to Treat Multidrug-Resistant Bacteria and Release Copper Ion to Accelerate Healing of Infected Chronic Nonhealing Wounds. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3809-3822	9.5	86
230	Hypoxia-induced deregulation of miR-126 and its regulative effect on VEGF and MMP-9 expression. <i>International Journal of Medical Sciences</i> , 2014 , 11, 17-23	3.7	82
229	Polyphenol-Assisted Exfoliation of Transition Metal Dichalcogenides into Nanosheets as Photothermal Nanocarriers for Enhanced Antibiofilm Activity. <i>ACS Nano</i> , 2018 , 12, 12347-12356	16.7	82
228	Tethering poly(ethylene glycol)s to improve the surface biocompatibility of poly(acrylonitrile-co-maleic acid) asymmetric membranes. <i>Biomaterials</i> , 2005 , 26, 589-98	15.6	78
227	Epigallocatechin gallate protects against oxidative stress-induced mitochondria-dependent apoptosis in human lens epithelial cells. <i>Molecular Vision</i> , 2008 , 14, 217-23	2.3	76
226	Corneal Astigmatism, High Order Aberrations, and Optical Quality After Cataract Surgery: Microincision Versus Small Incision. <i>Journal of Refractive Surgery</i> , 2006 , 22,	3.3	69
225	Airborne particulate matter (PM2.5) triggers autophagy in human corneal epithelial cell line. <i>Environmental Pollution</i> , 2017 , 227, 314-322	9.3	59
224	Light-Activatable Synergistic Therapy of Drug-Resistant Bacteria-Infected Cutaneous Chronic Wounds and Nonhealing Keratitis by Cupriferous Hollow Nanoshells. <i>ACS Nano</i> , 2020 , 14, 3299-3315	16.7	59
223	Improvement of the surface biocompatibility of silicone intraocular lens by the plasma-induced tethering of phospholipid moieties. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 78, 684-92	5.4	55
222	Copper-containing mesoporous bioactive glass coatings on orbital implants for improving drug delivery capacity and antibacterial activity. <i>Biotechnology Letters</i> , 2014 , 36, 961-8	3	52
221	Gold-silver nanoshells promote wound healing from drug-resistant bacteria infection and enable monitoring via surface-enhanced Raman scattering imaging. <i>Biomaterials</i> , 2020 , 234, 119763	15.6	52
220	Hypertension and risk of cataract: a meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e114012	3.7	50
219	Clinical comparison of patient outcomes following implantation of trifocal or bifocal intraocular lenses: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 45337	4.9	48
218	Involvement of PI3K/Akt pathway in TGF-beta2-mediated epithelial mesenchymal transition in human lens epithelial cells. <i>Ophthalmic Research</i> , 2008 , 40, 69-76	2.9	48

217	Clinical outcomes of femtosecond laser-assisted cataract surgery versus conventional phacoemulsification surgery for hard nuclear cataracts. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 486-491	2.3	47
216	Air pollution and outpatient visits for conjunctivitis: A case-crossover study in Hangzhou, China. <i>Environmental Pollution</i> , 2017 , 231, 1344-1350	9.3	47
215	Thermosensitive chitosan-based hydrogels releasing stromal cell derived factor-1 alpha recruit MSC for corneal epithelium regeneration. <i>Acta Biomaterialia</i> , 2017 , 61, 101-113	10.8	47
214	Electromagnetic noise inhibits radiofrequency radiation-induced DNA damage and reactive oxygen species increase in human lens epithelial cells. <i>Molecular Vision</i> , 2008 , 14, 964-9	2.3	47
213	Parthenolide protects human lens epithelial cells from oxidative stress-induced apoptosis via inhibition of activation of caspase-3 and caspase-9. <i>Cell Research</i> , 2007 , 17, 565-71	24.7	45
212	Impacts of air pollution on dry eye disease among residents in Hangzhou, China: A case-crossover study. <i>Environmental Pollution</i> , 2019 , 246, 183-189	9.3	45
211	Small Incision Lenticule Extraction (SMILE) versus Femtosecond Laser-Assisted In Situ Keratomileusis (FS-LASIK) for Myopia: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0158176	3.7	44
210	Comparing the Curative Effects between Femtosecond Laser-Assisted Cataract Surgery and Conventional Phacoemulsification Surgery: A Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0152088	3.7	40
209	A tough, precision-porous hydrogel scaffold: ophthalmologic applications. <i>Biomaterials</i> , 2014 , 35, 8916-26,6	25.6	38
208	Evaluation of dry eye after femtosecond laser-assisted cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 2614-23	2.3	38
207	Chitosan-modified, collagen-based biomimetic nanofibrous membranes as selective cell adhering wound dressings in the treatment of chemically burned corneas. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4226-4236	7.3	36
206	Effects of Adipose-derived Mesenchymal Stem Cell Exosomes on Corneal Stromal Fibroblast Viability and Extracellular Matrix Synthesis. <i>Chinese Medical Journal</i> , 2018 , 131, 704-712	2.9	35
205	The incidence of postoperative endophthalmitis after cataract surgery in China: a multicenter investigation of 2006-2011. <i>British Journal of Ophthalmology</i> , 2013 , 97, 1312-7	5.5	35
204	Surface modification of silicone intraocular lens by 2-methacryloyloxyethyl phosphoryl-choline binding to reduce Staphylococcus epidermidis adherence. <i>Clinical and Experimental Ophthalmology</i> , 2007 , 35, 462-7	2.4	35
203	Generation of Functional Lentoid Bodies From Human Induced Pluripotent Stem Cells Derived From Urinary Cells 2017 , 58, 517-527		34
202	Reactive oxygen species mediates the apoptosis induced by transforming growth factor beta(2) in human lens epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 354, 278-83	3.4	33
201	Biofilm microenvironment activated supramolecular nanoparticles for enhanced photodynamic therapy of bacterial keratitis. <i>Journal of Controlled Release</i> , 2020 , 327, 676-687	11.7	33
200	Ofloxacin loaded MoS ₂ nanoflakes for synergistic mild-temperature photothermal/antibiotic therapy with reduced drug resistance of bacteria. <i>Nano Research</i> , 2020 , 13, 2340-2350	10	32

199	Efficacy of 1% carboxymethylcellulose sodium for treating dry eye after phacoemulsification: results from a multicenter, open-label, randomized, controlled study. <i>BMC Ophthalmology</i> , 2015 , 15, 28	2.3	32
198	Progressive polymorphic congenital cataract caused by a CRYBB2 mutation in a Chinese family. <i>Molecular Vision</i> , 2005 , 11, 758-63	2.3	32
197	Targeted Exome Sequencing of Congenital Cataracts Related Genes: Broadening the Mutation Spectrum and Genotype-Phenotype Correlations in 27 Chinese Han Families. <i>Scientific Reports</i> , 2017 , 7, 1219	4.9	31
196	Involvement of endoplasmic reticulum stress in all-trans-retinal-induced retinal pigment epithelium degeneration. <i>Toxicological Sciences</i> , 2015 , 143, 196-208	4.4	31
195	Bromfenac sodium 0.1%, fluorometholone 0.1% and dexamethasone 0.1% for control of ocular inflammation and prevention of cystoid macular edema after phacoemulsification. <i>Ophthalmologica</i> , 2013 , 229, 187-94	3.7	31
194	Relief of Biofilm Hypoxia Using an Oxygen Nanocarrier: A New Paradigm for Enhanced Antibiotic Therapy. <i>Advanced Science</i> , 2020 , 7, 2000398	13.6	29
193	A randomised, parallel-group comparison study of diquafosol ophthalmic solution in patients with dry eye in China and Singapore. <i>British Journal of Ophthalmology</i> , 2015 , 99, 903-8	5.5	29
192	Special fasciculiform cataract caused by a mutation in the gammaD-crystallin gene. <i>Molecular Vision</i> , 2004 , 10, 233-9	2.3	29
191	A novel mutation in the major intrinsic protein (MIP) associated with autosomal dominant congenital cataracts in a Chinese family. <i>Molecular Vision</i> , 2010 , 16, 534-9	2.3	28
190	The flavonoid, fisetin, inhibits UV radiation-induced oxidative stress and the activation of NF-kappaB and MAPK signaling in human lens epithelial cells. <i>Molecular Vision</i> , 2008 , 14, 1865-71	2.3	27
189	Molecular genetics of congenital cataracts. <i>Experimental Eye Research</i> , 2020 , 191, 107872	3.7	27
188	In vivo vascularization of MSC-loaded porous hydroxyapatite constructs coated with VEGF-functionalized collagen/heparin multilayers. <i>Scientific Reports</i> , 2016 , 6, 19871	4.9	26
187	Effect of superposed electromagnetic noise on DNA damage of lens epithelial cells induced by microwave radiation. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 2009-15		26
186	Comparison of visual results and higher-order aberrations after small incision lenticule extraction (SMILE): high myopia vs. mild to moderate myopia. <i>BMC Ophthalmology</i> , 2017 , 17, 118	2.3	25
185	Identification of a novel splice-site mutation in MIP in a Chinese congenital cataract family. <i>Molecular Vision</i> , 2009 , 15, 38-44	2.3	25
184	Honokiol inhibits H ₂ O ₂ -induced apoptosis in human lens epithelial cells via inhibition of the mitogen-activated protein kinase and Akt pathways. <i>European Journal of Pharmacology</i> , 2011 , 650, 72-8	5.3	24
183	Proteomic analysis of human lens epithelial cells exposed to microwaves. <i>Japanese Journal of Ophthalmology</i> , 2007 , 51, 412-6	2.6	23
182	A Chinese family with progressive childhood cataracts and IVS3+1G>A CRYBA3/A1 mutations. <i>Molecular Vision</i> , 2010 , 16, 2347-53	2.3	23

181	Transcriptome-wide Investigation of mRNA/circRNA in miR-184 and Its r.57c > u Mutant Type Treatment of Human Lens Epithelial Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 7, 71-80	10.7	22
180	Dry Eye after Small Incision Lenticule Extraction (SMILE) versus Femtosecond Laser-Assisted in Situ Keratomileusis (FS-LASIK) for Myopia: A Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0168081	3.7	22
179	The occurrence rate of acute-onset postoperative endophthalmitis after cataract surgery in Chinese small- and medium-scale departments of ophthalmology. <i>Scientific Reports</i> , 2017 , 7, 40776	4.9	21
178	Uveal and capsular biocompatibility of an intraocular lens with a hydrophilic anterior surface and a hydrophobic posterior surface. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 290-8	2.3	21
177	A novel GJA8 mutation (p.V44A) causing autosomal dominant congenital cataract. <i>PLoS ONE</i> , 2014 , 9, e115406	3.7	21
176	A novel connexin 50 gene (gap junction protein, alpha 8) mutation associated with congenital nuclear and zonular pulverulent cataract. <i>Molecular Vision</i> , 2013 , 19, 767-74	2.3	21
175	Lanosterol and 25-hydroxycholesterol dissociate crystallin aggregates isolated from cataractous human lens via different mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 506, 868-873	3.4	21
174	Clinical evaluation of corneal changes after phacoemulsification in diabetic and non-diabetic cataract patients, a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 14128	4.9	20
173	Effects of quaternization on the morphological stability and antibacterial activity of electrospun poly(DMAEMA-co-AMA) nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 133, 148-55	6	20
172	Effects of senescent lens epithelial cells on the severity of age-related cortical cataract in humans: A case-control study. <i>Medicine (United States)</i> , 2016 , 95, e3869	1.8	20
171	Regulation of angiogenin expression and epithelial-mesenchymal transition by HIF-1 β signaling in hypoxic retinal pigment epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1594-607	6.9	20
170	A novel MIP gene mutation associated with autosomal dominant congenital cataracts in a Chinese family. <i>BMC Medical Genetics</i> , 2014 , 15, 6	2.1	20
169	Modification of hydrophobic acrylic intraocular lens with poly(ethylene glycol) by atmospheric pressure glow discharge: A facile approach. <i>Applied Surface Science</i> , 2010 , 256, 7354-7364	6.7	20
168	Novel FBN1 mutations associated with predominant ectopia lentis and marfanoid habitus in Chinese patients. <i>Molecular Vision</i> , 2007 , 13, 1280-4	2.3	20
167	The importance of the last strand at the C-terminus in B2-crystallin stability and assembly. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 44-55	6.9	19
166	Spherical aberration, visual performance and pseudoaccommodation of eyes implanted with different aspheric intraocular lens. <i>Clinical and Experimental Ophthalmology</i> , 2008 , 36, 620-4	2.4	19
165	Study of oxidative stress in human lens epithelial cells exposed to 1.8 GHz radiofrequency fields. <i>PLoS ONE</i> , 2013 , 8, e72370	3.7	19
164	Effects of cataract-causing mutations W59C and W151C on B2-crystallin structure, stability and folding. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 764-770	7.9	18

163	Protective effect of magnolol against hydrogen peroxide-induced oxidative stress in human lens epithelial cells. <i>The American Journal of Chinese Medicine</i> , 2009 , 37, 785-96	6	18
162	Characterization of a novel mutation in the CRYBB2 gene associated with autosomal dominant congenital posterior subcapsular cataract in a Chinese family. <i>Molecular Vision</i> , 2011 , 17, 144-52	2.3	18
161	Low power microwave radiation inhibits the proliferation of rabbit lens epithelial cells by upregulating P27Kip1 expression. <i>Molecular Vision</i> , 2004 , 10, 138-43	2.3	18
160	Lens capsule-related complications of femtosecond laser-assisted capsulotomy versus manual capsulorhexis for white cataracts. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 337-342	2.3	17
159	Comparative outcomes of femtosecond laser-assisted cataract surgery and manual phacoemulsification: a six-month follow-up. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 472-80	2.4	17
158	Congenital polymorphic cataract associated with a G to A splice site mutation in the human beta-crystallin gene CRYA3/A1. <i>Molecular Vision</i> , 2012 , 18, 2213-20	2.3	17
157	Corneal astigmatism, high order aberrations, and optical quality after cataract surgery: microincision versus small incision. <i>Journal of Refractive Surgery</i> , 2006 , 22, S1079-82	3.3	17
156	Development of mucoadhesive cationic polypeptide micelles for sustained cabozantinib release and inhibition of corneal neovascularization. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5143-5154	7.3	16
155	The effect of anti-TGF- β antibody functionalized intraocular lens on lens epithelial cell migration and epithelial-mesenchymal transition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 113, 33-42	6	15
154	A novel GJA3 mutation associated with congenital nuclear pulverulent and posterior polar cataract in a Chinese family. <i>Human Mutation</i> , 2011 , 32, 1367-70	4.7	15
153	The effects of postmenopausal hormone use on cataract: a meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e78647	3.7	15
152	Integrin beta1-mediated signaling is involved in transforming growth factor-beta2-promoted migration in human lens epithelial cells. <i>Molecular Vision</i> , 2007 , 13, 1769-76	2.3	15
151	Dry eye and sleep quality: a large community-based study in Hangzhou. <i>Sleep</i> , 2019 , 42,	1.1	14
150	Inhibition of chemical cautery-induced corneal neovascularization by topical pigment epithelium-derived factor eyedrops. <i>Cornea</i> , 2010 , 29, 1055-61	3.1	14
149	Visual outcome and optical quality after bilateral implantation of aspheric diffractive multifocal, aspheric monofocal and spherical monofocal intraocular lenses: a prospective comparison. <i>International Journal of Ophthalmology</i> , 2013 , 6, 300-6	1.4	14
148	Mild temperature photothermal assisted anti-bacterial and anti-inflammatory nanosystem for synergistic treatment of post-cataract surgery endophthalmitis. <i>Theranostics</i> , 2020 , 10, 8541-8557	12.1	14
147	Multi-label classification of retinal lesions in diabetic retinopathy for automatic analysis of fundus fluorescein angiography based on deep learning. <i>Graefes & Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 779-785	3.8	13
146	Cataract-linked mutation R188H promotes B2-crystallin aggregation and fibrillization during acid denaturation. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 447, 244-9	3.4	13

145	The congenital cataract-linked A2V mutation impairs tetramer formation and promotes aggregation of B2-crystallin. <i>PLoS ONE</i> , 2012 , 7, e51200	3.7	13
144	Association of glutathione S transferases polymorphisms with glaucoma: a meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e54037	3.7	13
143	Effects of exposure to 1.8 GHz radiofrequency field on the expression of Hsps and phosphorylation of MAPKs in human lens epithelial cells. <i>Cell Research</i> , 2008 , 18, 1233-5	24.7	13
142	Thioredoxin Binding Protein-2 Regulates Autophagy of Human Lens Epithelial Cells under Oxidative Stress via Inhibition of Akt Phosphorylation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 4856431	6.7	13
141	A size-tunable and multi-responsive nanoplatfor for deep tumor penetration and targeted combinatorial radio-/chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4484-4498	7.3	12
140	Morphologic features and surgically induced astigmatism of femtosecond laser versus manual clear corneal incisions. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 1430-1435	2.3	12
139	Automatic detection of non-perfusion areas in diabetic macular edema from fundus fluorescein angiography for decision making using deep learning. <i>Scientific Reports</i> , 2020 , 10, 15138	4.9	12
138	Identification and functional analysis of two novel connexin 50 mutations associated with autosome dominant congenital cataracts. <i>Scientific Reports</i> , 2016 , 6, 26551	4.9	12
137	UV-assisted treatment on hydrophobic acrylic IOLs anterior surface with methacryloyloxyethyl phosphorylcholine: Reducing inflammation and maintaining low posterior capsular opacification properties. <i>Materials Science and Engineering C</i> , 2017 , 75, 1289-1298	8.3	11
136	Performance of femtosecond laser-assisted cataract surgery in Chinese patients with cataract: a prospective, multicenter, registry study. <i>BMC Ophthalmology</i> , 2019 , 19, 77	2.3	11
135	Concise review: induced pluripotency by defined factors: prey of oxidative stress. <i>Stem Cells</i> , 2015 , 33, 1371-6	5.8	11
134	Different-sized incisions for phacoemulsification in age-related cataract. <i>The Cochrane Library</i> , 2017 , 9, CD010510	5.2	11
133	Carnosine protects brain microvascular endothelial cells against rotenone-induced oxidative stress injury through histamine H ₁ and H ₂ receptors in vitro. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 1019-25	3	11
132	Endostar, a recently introduced recombinant human endostatin, inhibits proliferation and migration through regulating growth factors, adhesion factors and inflammatory mediators in choroid-retinal endothelial cells. <i>Molecular Biology</i> , 2010 , 44, 585-590	1.2	11
131	Combined microwave energy and fixative agent for cataract induction in pig eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 1150-5	2.3	11
130	A recurrent PAX6 mutation is associated with aniridia and congenital progressive cataract in a Chinese family. <i>Molecular Vision</i> , 2012 , 18, 465-70	2.3	11
129	Potential Therapeutic Agents Against Retinal Diseases Caused by Aberrant Metabolism of Retinoids 2016 , 57, 1017-30		11
128	Screening, genetics, risk factors, and treatment of neonatal cataracts. <i>Birth Defects Research</i> , 2017 , 109, 734-743	2.9	10

127	Transcriptomic profiling of human corneal epithelial cells exposed to airborne fine particulate matter (PM). <i>Ocular Surface</i> , 2020 , 18, 554-564	6.5	10
126	Diosmetin protects against retinal injury via reduction of DNA damage and oxidative stress. <i>Toxicology Reports</i> , 2016 , 3, 78-86	4.8	10
125	A nonsense mutation of β -crystallin associated with congenital nuclear and posterior polar cataract in a Chinese family. <i>International Journal of Medical Sciences</i> , 2014 , 11, 158-63	3.7	10
124	Single Nucleotide Polymorphisms of the Sirtuin 1 (SIRT1) Gene are Associated With age-Related Macular Degeneration in Chinese Han Individuals: A Case-Control Pilot Study. <i>Medicine (United States)</i> , 2015 , 94, e2238	1.8	10
123	Pupillary Dysfunction in Type 2 Diabetes Mellitus to Refine the Early Diagnosis of Diabetic Autonomic Neuropathy. <i>Neuro-Ophthalmology</i> , 2006 , 30, 17-21	0.9	10
122	Exosomes-loaded thermosensitive hydrogels for corneal epithelium and stroma regeneration.. <i>Biomaterials</i> , 2021 , 280, 121320	15.6	10
121	Advances in pharmacotherapy of cataracts. <i>Annals of Translational Medicine</i> , 2020 , 8, 1552	3.2	10
120	Multiple cytokine analyses of aqueous humor from the patients with retinitis pigmentosa. <i>Cytokine</i> , 2020 , 127, 154943	4	10
119	Protection of retinal ganglion cells in glaucoma: Current status and future. <i>Experimental Eye Research</i> , 2021 , 205, 108506	3.7	10
118	Antimicrobial nanomedicine for ocular bacterial and fungal infection. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1352-1375	6.2	10
117	Drug-eluting intraocular lens with sustained bromfenac release for conquering posterior capsular opacification. <i>Bioactive Materials</i> , 2022 , 9, 343-357	16.7	10
116	The cataract-causing mutation G75V promotes β -crystallin aggregation by modifying and destabilizing the native structure. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 807-814	7.9	10
115	Bromfenac Inhibits TGF- β -Induced Fibrotic Effects in Human Pterygium and Conjunctival Fibroblasts 2019 , 60, 1156-1164		9
114	The cataract-related S39C variant increases β -crystallin sensitivity to environmental stress by destroying the intermolecular disulfide cross-links. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 526, 459-465	3.4	9
113	Intraocular pressure-lowering efficacy and safety of bimatoprost 0.03% therapy for primary open-angle glaucoma and ocular hypertension patients in China. <i>BMC Ophthalmology</i> , 2014 , 14, 21	2.3	9
112	Reduced silicone oil adherence to silicone intraocular lens by surface modification with 2-methacryloyloxyethyl phosphoryl-choline. <i>Current Eye Research</i> , 2013 , 38, 91-6	2.9	9
111	A New Long Noncoding RNA ALB Regulates Autophagy by Enhancing the Transformation of LC3BI to LC3BII during Human Lens Development. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 9, 207-217	10.7	9
110	Comparative efficacy and safety of the fixed versus unfixed combination of latanoprost and timolol in Chinese patients with open-angle glaucoma or ocular hypertension. <i>BMC Ophthalmology</i> , 2011 , 11, 23	2.3	9

109	Proliferative Effects of Histamine on Primary Human Pterygium Fibroblasts. <i>Mediators of Inflammation</i> , 2016 , 2016, 9862496	4.3	9
108	COVID-19 and the Eye. <i>Journal of Infection</i> , 2020 , 81, e122-e123	18.9	8
107	Embryonic Surface Ectoderm-specific Mitofusin 2 Conditional Knockout Induces Congenital Cataracts in Mice. <i>Scientific Reports</i> , 2018 , 8, 1522	4.9	8
106	Comparison of the Clinical Outcomes between Echelette Extended Range of Vision and Diffractive Bifocal Intraocular Lenses. <i>Journal of Ophthalmology</i> , 2019 , 2019, 5815040	2	8
105	Strategies for Genetically Engineering Hypoimmunogenic Universal Pluripotent Stem Cells. <i>IScience</i> , 2020 , 23, 101162	6.1	8
104	A Novel Human Congenital Cataract Mutation in EPHA2 Kinase Domain (p.G668D) Alters Receptor Stability and Function 2019 , 60, 4717-4726		8
103	Opacification of lentoid bodies derived from human induced pluripotent stem cells is accelerated by hydrogen peroxide and involves protein aggregation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 23750-23762	7.2	7
102	Structures and biogenetic analysis of lipofuscin bis-retinoids. <i>Journal of Zhejiang University: Science B</i> , 2013 , 14, 763-73	4.5	7
101	Identification of a novel lipofuscin pigment (iisoA2E) in retina and its effects in the retinal pigment epithelial cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 35671-82	5.4	7
100	Comparative clinical outcomes of Tecnis toric IOL implantation in femtosecond laser-assisted cataract surgery and conventional phacoemulsification surgery. <i>International Journal of Ophthalmology</i> , 2020 , 13, 49-53	1.4	7
99	B2 W151R mutant is prone to degradation, aggregation and exposes the hydrophobic side chains in the fourth Greek Key motif. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166018	6.9	7
98	Introduction of an extra tryptophan fluorophore by cataract-associating mutations destabilizes B2-crystallin and promotes aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 504, 851-856	3.4	7
97	Effects of lens extraction versus laser peripheral iridotomy on anterior segment morphology in primary angle closure suspect. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 1473-1480	3.8	6
96	Dissimilarity in the Contributions of the N-Terminal Domain Hydrophobic Core to the Structural Stability of Lens β Crystallins. <i>Biochemistry</i> , 2019 , 58, 2499-2508	3.2	6
95	Myopic Macular Retinoschisis in Teenagers: Clinical Characteristics and Spectral Domain Optical Coherence Tomography Findings. <i>Scientific Reports</i> , 2016 , 6, 27952	4.9	6
94	(-)-Epigallocatechin gallate regulates expression of apoptotic genes and protects cultured human lens epithelial cells under hyperglycemia. <i>Molecular Biology</i> , 2013 , 47, 222-227	1.2	6
93	Cupriferous Silver Peroxysulfite Superpyramids as a Universal and Long-Lasting Agent to Eradicate Multidrug-Resistant Bacteria and Promote Wound Healing.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3729-3738	4.1	6
92	Dietary fatty acid intake, plasma fatty acid levels, and the risk of age-related macular degeneration (AMD): a dose-response meta-analysis of prospective cohort studies. <i>European Journal of Nutrition</i> , 2021 , 60, 3013-3027	5.2	6

91	Corneal higher-order aberrations of the anterior surface, posterior surface, and total cornea after small incision lenticule extraction (SMILE): high myopia versus mild to moderate myopia. <i>BMC Ophthalmology</i> , 2018 , 18, 295	2.3	6
90	Intraocular Lens power calculation after laser refractive surgery: A Meta-Analysis. <i>Scientific Reports</i> , 2020 , 10, 2645	4.9	5
89	Retinal metabolism in humans induces the formation of an unprecedented lipofuscin fluorophore 'pdA2E'. <i>Biochemical Journal</i> , 2014 , 460, 343-52	3.8	5
88	Alpha-melanocyte stimulating hormone suppresses the proliferation of human Tenon's capsule fibroblast proliferation induced by transforming growth factor beta 1. <i>Molecular Biology</i> , 2012 , 46, 563-568	1.2	5
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