

Ke Yao

List of Publications by Year in Descending Order

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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 | Multivariate Classification of Brain Blood-Oxygen Signal Complexity for the Diagnosis of Children with Tourette Syndrome.. <i>Molecular Neurobiology</i> , 2022 , 59, 1249 | 6.2 | |
| 233 | Comparison Study of Anterior Capsule Contraction of Hydrophilic and Hydrophobic Intraocular Lenses Under the Same Size Capsulotomy.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 24 | 3.3 | 1 |
| 232 | Safety of femtosecond laser-assisted cataract surgery versus conventional phacoemulsification for cataract: A meta-analysis and systematic review. <i>Advances in Ophthalmology Practice and Research</i> , 2022 , 2, 100027 | | 0 |
| 231 | Drug-eluting intraocular lens with sustained bromfenac release for conquering posterior capsular opacification. <i>Bioactive Materials</i> , 2022 , 9, 343-357 | 16.7 | 10 |
| 230 | Emerging pro-drug and nano-drug strategies for gemcitabine-based cancer therapy.. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022 , 17, 35-52 | 9 | 1 |
| 229 | Expression profiles of long noncoding RNAs in human corneal epithelial cells exposed to fine particulate matter. <i>Chemosphere</i> , 2022 , 287, 131955 | 8.4 | 2 |
| 228 | Cataract-Causing S93R Mutant Destabilized Structural Conformation of B1 Crystallin Linking With Aggregates Formation and Cellular Viability.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 844719 | 5.6 | 0 |
| 227 | Role of ocular blood flow in normal tension glaucoma. <i>Advances in Ophthalmology Practice and Research</i> , 2022 , 2, 100036 | | 1 |
| 226 | Anti-Oxidative and Anti-Inflammatory Micelles: Break the Dry Eye Vicious Cycle.. <i>Advanced Science</i> , 2022 , e2200435 | 13.6 | 1 |
| 225 | Nanoceria for ocular diseases: Recent advances and future prospects. <i>Materials Today Nano</i> , 2022 , 1002187 | 1.7 | 1 |
| 224 | Daytime napping is associated with retinal microcirculation: a large population-based study in China. <i>Sleep</i> , 2021 , | 1.1 | 1 |
| 223 | Congenital cataract-causing mutation B1-L116P is prone to amyloid fibrils aggregation and protease degradation with low structural stability.. <i>International Journal of Biological Macromolecules</i> , 2021 , 195, 475-482 | 7.9 | 1 |
| 222 | Exosomes-loaded thermosensitive hydrogels for corneal epithelium and stroma regeneration.. <i>Biomaterials</i> , 2021 , 280, 121320 | 15.6 | 10 |
| 221 | Ocular manifestations in COVID-19 patients: A systematic review and meta-analysis. <i>Travel Medicine and Infectious Disease</i> , 2021 , 44, 102191 | 8.4 | 4 |
| 220 | Brief Postnatal Visual Deprivation Triggers Long-Lasting Interactive Structural and Functional Reorganization of the Human Cortex. <i>Frontiers in Medicine</i> , 2021 , 8, 752021 | 4.9 | 0 |
| 219 | Femtosecond laser-assisted cataract surgery versus conventional phacoemulsification: comparison of internal aberrations and visual quality. <i>Graefes & Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 1 | 3.8 | 0 |
| 218 | Cataract: Advances in surgery and whether surgery remains the only treatment in future. <i>Advances in Ophthalmology Practice and Research</i> , 2021 , 100008 | | 5 |

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| 217 | Ocular Wnt/ β Catenin Pathway Inhibitor XAV939-Loaded Liposomes for Treating Alkali-Burned Corneal Wound and Neovascularization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 753879 | 5.8 | 2 |
| 216 | Parameters of Capsulorrhesis and Intraocular Lens Decentration After Femtosecond and Manual Capsulotomies in High Myopic Patients With Cataracts. <i>Frontiers in Medicine</i> , 2021 , 8, 640269 | 4.9 | 1 |
| 215 | Intraocular Lens with Mussel-Inspired Coating for Preventing Posterior Capsule Opacification via Photothermal Effect.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3579-3586 | 4.1 | 1 |
| 214 | Comparison of trifocal or hybrid multifocal-extended depth of focus intraocular lenses: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021 , 11, 6699 | 4.9 | 4 |
| 213 | Protection of retinal ganglion cells in glaucoma: Current status and future. <i>Experimental Eye Research</i> , 2021 , 205, 108506 | 3.7 | 10 |
| 212 | Antimicrobial nanomedicine for ocular bacterial and fungal infection. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1352-1375 | 6.2 | 10 |
| 211 | Microvascular comparison in younger and older patients with retinal vein occlusion analyzed by OCT angiography. <i>BMC Ophthalmology</i> , 2021 , 21, 161 | 2.3 | 0 |
| 210 | Causal Effects of N-6 Polyunsaturated Fatty Acids on Age-related Macular Degeneration: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3565-e3572 | 5.6 | 0 |
| 209 | Lens regeneration: scientific discoveries and clinical possibilities. <i>Molecular Biology Reports</i> , 2021 , 48, 4911-4923 | 2.8 | 1 |
| 208 | Clinically applicable artificial intelligence algorithm for the diagnosis, evaluation, and monitoring of acute retinal necrosis. <i>Journal of Zhejiang University: Science B</i> , 2021 , 22, 504-511 | 4.5 | 0 |
| 207 | The acts of opening and closing the eyes are of importance for congenital blindness: Evidence from resting-state fMRI. <i>NeuroImage</i> , 2021 , 233, 117966 | 7.9 | 3 |
| 206 | Effect of Lens Vault on the Accuracy of Intraocular Lens Calculation Formulas in Shallow Anterior Chamber Eyes. <i>American Journal of Ophthalmology</i> , 2021 , 233, 57-67 | 4.9 | 1 |
| 205 | Screening-based identification of xanthone as a novel NLRP3 inflammasome inhibitor via metabolic reprogramming. <i>Clinical and Translational Medicine</i> , 2021 , 11, e496 | 5.7 | 3 |
| 204 | A new heterozygous mutation in the stop codon of (p.X176Y) is liable for congenital posterior pole cataract in a Chinese family. <i>Ophthalmic Genetics</i> , 2021 , 42, 139-143 | 1.2 | 2 |
| 203 | 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, 1660-18 | 6.9 | 7 |
| 202 | Cataract-causing mutations L45P and Y46D promote α -crystallin aggregation by disturbing hydrogen bonds network in the second Greek key motif. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 470-478 | 7.9 | 4 |
| 201 | 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 |
| 200 | Crumbs proteins stabilize the cone mosaics of photoreceptors and improve vision in zebrafish. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 52-62 | 4 | 1 |

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| 199 | Cataract-causing allele in CRYAA (Y118D) proceeds through endoplasmic reticulum stress in mouse model. <i>Zoological Research</i> , 2021 , 42, 300-309 | 3.4 | 2 |
| 198 | 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 |
| 197 | Cataract-causing mutations L45P and Y46D impair the thermal stability of α -crystallin. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 539, 70-76 | 3.4 | 2 |
| 196 | Identification and characterization of six β -crystallin gene mutations associated with congenital cataract in Chinese families. <i>Molecular Genetics & Genomic Medicine</i> , 2021 , 9, e1617 | 2.3 | 4 |
| 195 | Three-Dimensional Heads-up Cataract Surgery Using Femtosecond Laser: Efficiency, Efficacy, Safety, and Medical Education-A Randomized Clinical Trial. <i>Translational Vision Science and Technology</i> , 2021 , 10, 4 | 3.3 | 1 |
| 194 | Chronic scleritis: a potential cause of intraoperative zonular dehiscence. <i>International Journal of Ophthalmology</i> , 2021 , 14, 1285-1287 | 1.4 | 0 |
| 193 | Alterations of the Gut Microbiome and Metabolome in Patients With Proliferative Diabetic Retinopathy. <i>Frontiers in Microbiology</i> , 2021 , 12, 667632 | 5.7 | 2 |
| 192 | New insights into change of lens proteins' stability with ageing under physiological conditions. <i>British Journal of Ophthalmology</i> , 2021 , | 5.5 | 1 |
| 191 | Socio-economic disparity in visual impairment from cataract. <i>International Journal of Ophthalmology</i> , 2021 , 14, 1310-1314 | 1.4 | 1 |
| 190 | Modeling congenital cataract in vitro using patient-specific induced pluripotent stem cells. <i>Npj Regenerative Medicine</i> , 2021 , 6, 60 | 15.8 | 0 |
| 189 | Pathogenic mechanism of congenital cataract caused by the CRYBA1/A3-G91del variant and related intervention strategies. <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 44-52 | 7.9 | 1 |
| 188 | Long-term effects of weather condition and air pollution on acute hemorrhagic conjunctivitis in China: A nationwide surveillance study in China. <i>Environmental Research</i> , 2021 , 201, 111616 | 7.9 | 1 |
| 187 | Research advances in pathogenic mechanisms underlying air pollution-induced ocular surface diseases. <i>Advances in Ophthalmology Practice and Research</i> , 2021 , 1, 100001 | | 4 |
| 186 | Association between outpatient visits for pterygium and air pollution in Hangzhou, China. <i>Environmental Pollution</i> , 2021 , 291, 118246 | 9.3 | 2 |
| 185 | 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 |
| 184 | COVID-19 and the Eye. <i>Journal of Infection</i> , 2020 , 81, e122-e123 | 18.9 | 8 |
| 183 | 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 |
| 182 | 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 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 181 | Ofloxacin loaded MoS2 nanoflakes for synergistic mild-temperature photothermal/antibiotic therapy with reduced drug resistance of bacteria. <i>Nano Research</i> , 2020 , 13, 2340-2350 | 10 | 32 |
| 180 | Moyamoya Disease Associated With Morning Glory Disc Anomaly and Other Ophthalmic Findings: A Mini-Review. <i>Frontiers in Neurology</i> , 2020 , 11, 338 | 4.1 | 4 |
| 179 | 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 |
| 178 | Genome-wide DNA methylation profiles may reveal new possible epigenetic pathogenesis of sporadic congenital cataract. <i>Epigenomics</i> , 2020 , 12, 771-788 | 4.4 | 3 |
| 177 | Systemic Transplantation of Eyelid Adipose-Derived Stem Cells for Antifibrotic Treatment. <i>Advanced Therapeutics</i> , 2020 , 3, 1900191 | 4.9 | |
| 176 | Socioeconomic inequality in the global burden of refraction disorders: results from the Global Burden of Diseases Study 2017. <i>Acta Ophthalmologica</i> , 2020 , 98, e864-e869 | 3.7 | |
| 175 | Intraocular Lens power calculation after laser refractive surgery: A Meta-Analysis. <i>Scientific Reports</i> , 2020 , 10, 2645 | 4.9 | 5 |
| 174 | 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 |
| 173 | Progressive RPE atrophy and photoreceptor death in -associated autosomal recessive retinitis pigmentosa. <i>Ophthalmic Genetics</i> , 2020 , 41, 26-30 | 1.2 | 2 |
| 172 | Familial autosomal recessive bestrophinopathy: identification of a novel variant in BEST1 gene and the specific metabolomic profile. <i>BMC Medical Genetics</i> , 2020 , 21, 16 | 2.1 | 1 |
| 171 | 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 |
| 170 | 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 |
| 169 | Advances in pharmacotherapy of cataracts. <i>Annals of Translational Medicine</i> , 2020 , 8, 1552 | 3.2 | 10 |
| 168 | The extracellular and intracellular regions of Crb2a play distinct roles in guiding the formation of the apical zonula adherens. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 125, 109942 | 7.5 | 0 |
| 167 | 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 |
| 166 | Comparison of Perioperative Parameters in Femtosecond Laser-Assisted Cataract Surgery Using 3 Nuclear Fragmentation Patterns. <i>American Journal of Ophthalmology</i> , 2020 , 213, 283-292 | 4.9 | 3 |
| 165 | Multiple cytokine analyses of aqueous humor from the patients with retinitis pigmentosa. <i>Cytokine</i> , 2020 , 127, 154943 | 4 | 10 |
| 164 | Molecular genetics of congenital cataracts. <i>Experimental Eye Research</i> , 2020 , 191, 107872 | 3.7 | 27 |

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| 163 | 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 |
| 162 | Enhancement of lens extraction-induced MCP-1 upregulation and microglia response in long-term diabetes via c-jun, stat1 and ERK. <i>Life Sciences</i> , 2020 , 261, 118360 | 6.8 | 0 |
| 161 | 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 |
| 160 | Strategies for Genetically Engineering Hypoimmunogenic Universal Pluripotent Stem Cells. <i>IScience</i> , 2020 , 23, 101162 | 6.1 | 8 |
| 159 | An Endostatin-lentivirus (ES-LV)-EPC gene therapy agent for suppression of neovascularization in oxygen-induced retinopathy rat model. <i>BMC Molecular and Cell Biology</i> , 2020 , 21, 57 | 2.7 | 3 |
| 158 | Trans, trans-2,4-decadienal (tt-DDE), a composition of cooking oil fumes, induces oxidative stress and endoplasmic reticulum stress in human corneal epithelial cells. <i>Toxicology in Vitro</i> , 2020 , 68, 104933 | 3.6 | 3 |
| 157 | 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 |
| 156 | A size-tunable and multi-responsive nanoplatform for deep tumor penetration and targeted combinatorial radio-/chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4484-4498 | 7.3 | 12 |
| 155 | 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 | 7.7 | 7 |
| 154 | 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 |
| 153 | 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 |
| 152 | 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 |
| 151 | Bromfenac Inhibits TGF- β -Induced Fibrotic Effects in Human Pterygium and Conjunctival Fibroblasts 2019 , 60, 1156-1164 | | 9 |
| 150 | Characterization and Management of Late Postoperative Capsular Block Syndrome Following Phacoemulsification or Phacovitrectomy. <i>American Journal of Ophthalmology</i> , 2019 , 204, 19-25 | 4.9 | 1 |
| 149 | Nanomaterials with a photothermal effect for antibacterial activities: an overview. <i>Nanoscale</i> , 2019 , 11, 8680-8691 | 7.7 | 174 |
| 148 | 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 |
| 147 | Dry eye and sleep quality: a large community-based study in Hangzhou. <i>Sleep</i> , 2019 , 42, | 1.1 | 14 |
| 146 | Identification and preliminary functional analysis of two novel congenital cataract associated mutations of Cx46 and Cx50. <i>Ophthalmic Genetics</i> , 2019 , 40, 428-435 | 1.2 | 3 |

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| 145 | 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 |
| 144 | The application of ultra-wide-field fundus autofluorescence in early metastatic choroidal tumor screening. <i>International Journal of Ophthalmology</i> , 2019 , 12, 1978-1981 | 1.4 | 2 |
| 143 | A Novel Human Congenital Cataract Mutation in EPHA2 Kinase Domain (p.G668D) Alters Receptor Stability and Function 2019 , 60, 4717-4726 | | 8 |
| 142 | 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 |
| 141 | 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 |
| 140 | Embryonic Surface Ectoderm-specific Mitofusin 2 Conditional Knockout Induces Congenital Cataracts in Mice. <i>Scientific Reports</i> , 2018 , 8, 1522 | 4.9 | 8 |
| 139 | Generation of an anti-angiogenic endothelial progenitor cell line via endostatin gene transfer. <i>Molecular Medicine Reports</i> , 2018 , 17, 5814-5820 | 2.9 | 3 |
| 138 | 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 |
| 137 | Comparative transcriptomic analysis reveals adriamycin-induced apoptosis via p53 signaling pathway in retinal pigment epithelial cells. <i>Journal of Zhejiang University: Science B</i> , 2018 , 19, 895-909 | 4.5 | 3 |
| 136 | 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 |
| 135 | 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 |
| 134 | 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 |
| 133 | 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 |
| 132 | The cataract-causing mutation G75V promotes B-crystallin aggregation by modifying and destabilizing the native structure. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 807-814 | 7.9 | 10 |
| 131 | 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 |
| 130 | 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 |
| 129 | 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 |
| 128 | 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 |

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| 127 | Airborne particulate matter (PM2.5) triggers autophagy in human corneal epithelial cell line. <i>Environmental Pollution</i> , 2017 , 227, 314-322 | 9.3 | 59 |
| 126 | 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 |
| 125 | Screening, genetics, risk factors, and treatment of neonatal cataracts. <i>Birth Defects Research</i> , 2017 , 109, 734-743 | 2.9 | 10 |
| 124 | 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 |
| 123 | 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 |
| 122 | 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 |
| 121 | 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 |
| 120 | Generation of Functional Lentoid Bodies From Human Induced Pluripotent Stem Cells Derived From Urinary Cells 2017 , 58, 517-527 | | 34 |
| 119 | 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 |
| 118 | Descemet membrane detachment in femtosecond laser-assisted cataract surgery: a case report. <i>BMC Ophthalmology</i> , 2017 , 17, 169 | 2.3 | 2 |
| 117 | Different-sized incisions for phacoemulsification in age-related cataract. <i>The Cochrane Library</i> , 2017 , 9, CD010510 | 5.2 | 11 |
| 116 | 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 |
| 115 | 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 |
| 114 | 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 |
| 113 | Bimanual Microincision Cataract Surgery versus Coaxial Microincision Cataract Surgery: A Meta-Analysis of Randomized Controlled Trials and Cohort Studies. <i>Journal of Ophthalmology</i> , 2017 , 2017, 3737603 | 2 | 1 |
| 112 | The association between gout and cataract risk: A meta-analysis. <i>PLoS ONE</i> , 2017 , 12, e0180188 | 3.7 | 5 |
| 111 | A novel splice site mutation of gene associated with congenital cataract in a Chinese family. <i>International Journal of Ophthalmology</i> , 2017 , 10, 1-5 | 1.4 | 3 |
| 110 | Effects of lentivirus-mediated endostatin on endothelial progenitor cells. <i>Oncotarget</i> , 2017 , 8, 94431-94439 | 3.39 | 2 |

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| 109 | Myopic Macular Retinoschisis in Teenagers: Clinical Characteristics and Spectral Domain Optical Coherence Tomography Findings. <i>Scientific Reports</i> , 2016 , 6, 27952 | 4.9 | 6 |
| 108 | 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 |
| 107 | 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 |
| 106 | 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 |
| 105 | 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 |
| 104 | Diosmetin protects against retinal injury via reduction of DNA damage and oxidative stress. <i>Toxicology Reports</i> , 2016 , 3, 78-86 | 4.8 | 10 |
| 103 | Successful Diagnosis and Treatment of a Single Case of Bilateral Necrotizing Keratitis following Femtosecond-LASIK. <i>Ocular Immunology and Inflammation</i> , 2016 , 24, 231-6 | 2.8 | 1 |
| 102 | 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 |
| 101 | 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 |
| 100 | Case report of unilateral electric cataract with transmission electron microscopy image. <i>International Journal of Ophthalmology</i> , 2016 , 9, 636-7 | 1.4 | 2 |
| 99 | A comparable study of clinical and optical outcomes after 1.8, 2.0 mm microcoaxial and 3.0 mm coaxial cataract surgery. <i>International Journal of Ophthalmology</i> , 2016 , 9, 399-405 | 1.4 | 4 |
| 98 | Potential Therapeutic Agents Against Retinal Diseases Caused by Aberrant Metabolism of Retinoids 2016 , 57, 1017-30 | | 11 |
| 97 | 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 |
| 96 | Proliferative Effects of Histamine on Primary Human Pterygium Fibroblasts. <i>Mediators of Inflammation</i> , 2016 , 2016, 9862496 | 4.3 | 9 |
| 95 | 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 |
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