

Ke Yao

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

6,190
citations

76294

40
h-index

118793

62
g-index

267
all docs

267
docs citations

267
times ranked

6727
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials with a photothermal effect for antibacterial activities: an overview. <i>Nanoscale</i> , 2019, 11, 8680-8691.	2.8	338
2	Flammer syndrome. <i>EPMA Journal</i> , 2014, 5, 11.	3.3	159
3	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.	4.0	155
4	Polyphenol-Assisted Exfoliation of Transition Metal Dichalcogenides into Nanosheets as Photothermal Nanocarriers for Enhanced Antibiofilm Activity. <i>ACS Nano</i> , 2018, 12, 12347-12356.	7.3	147
5	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.	7.3	130
6	Exosomes-loaded thermosensitive hydrogels for corneal epithelium and stroma regeneration. <i>Biomaterials</i> , 2022, 280, 121320.	5.7	103
7	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.	5.7	102
8	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.	1.1	101
9	Effects of 1.8GHz 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, 135-142.	0.4	94
10	Biofilm microenvironment activated supramolecular nanoparticles for enhanced photodynamic therapy of bacterial keratitis. <i>Journal of Controlled Release</i> , 2020, 327, 676-687.	4.8	91
11	Corneal Astigmatism, High Order Aberrations, and Optical Quality After Cataract Surgery: Microincision Versus Small Incision. <i>Journal of Refractive Surgery</i> , 2006, 22, .	1.1	90
12	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.	3.7	87
13	Tethering poly(ethylene glycol)s to improve the surface biocompatibility of poly(acrylonitrile-co-maleic acid) asymmetric membranes. <i>Biomaterials</i> , 2005, 26, 589-598.	5.7	83
14	Airborne particulate matter (PM2.5) triggers autophagy in human corneal epithelial cell line. <i>Environmental Pollution</i> , 2017, 227, 314-322.	3.7	83
15	Epigallocatechin gallate protects against oxidative stress-induced mitochondria-dependent apoptosis in human lens epithelial cells. <i>Molecular Vision</i> , 2008, 14, 217-23.	1.1	83
16	Relief of Biofilm Hypoxia Using an Oxygen Nanocarrier: A New Paradigm for Enhanced Antibiotic Therapy. <i>Advanced Science</i> , 2020, 7, 2000398.	5.6	80
17	Hypertension and Risk of Cataract: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e114012.	1.1	78
18	Air pollution and outpatient visits for conjunctivitis: A case-crossover study in Hangzhou, China. <i>Environmental Pollution</i> , 2017, 231, 1344-1350.	3.7	75

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19	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.	4.1	68
20	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.	1.1	68
21	Evaluation of dry eye after femtosecond laser-assisted cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 2614-2623.	0.7	67
22	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.	0.7	67
23	Copper-containing mesoporous bioactive glass coatings on orbital implants for improving drug delivery capacity and antibacterial activity. <i>Biotechnology Letters</i> , 2014, 36, 961-968.	1.1	65
24	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.	1.6	64
25	Molecular genetics of congenital cataracts. <i>Experimental Eye Research</i> , 2020, 191, 107872.	1.2	64
26	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.	5.8	62
27	Involvement of PI3K/Akt Pathway in TGF- β ₂ -Mediated Epithelial Mesenchymal Transition in Human Lens Epithelial Cells. <i>Ophthalmic Research</i> , 2008, 40, 69-76.	1.0	59
28	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.	0.9	59
29	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, 78A, 684-692.	2.1	56
30	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.	1.1	54
31	Generation of Functional Lentoid Bodies From Human Induced Pluripotent Stem Cells Derived From Urinary Cells. , 2017, 58, 517.		51
32	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, 565-571.	5.7	50
33	Comparing the Curative Effects between Femtosecond Laser-Assisted Cataract Surgery and Conventional Phacoemulsification Surgery: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0152088.	1.1	49
34	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.	4.6	48
35	Multi-label classification of retinal lesions in diabetic retinopathy for automatic analysis of fundus fluorescein angiography based on deep learning. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 779-785.	1.0	47
36	A tough, precision-porous hydrogel scaffold: Ophthalmologic applications. <i>Biomaterials</i> , 2014, 35, 8916-8926.	5.7	46

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37	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.	1.6	46
38	The incidence of postoperative endophthalmitis after cataract surgery in China: a multicenter investigation of 2006-2011. <i>British Journal of Ophthalmology</i> , 2013, 97, 1312-1317.	2.1	45
39	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.	2.9	45
40	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.	0.6	44
41	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, 903-908.	2.1	43
42	Involvement of Endoplasmic Reticulum Stress in All-Trans-Retinal-Induced Retinal Pigment Epithelium Degeneration. <i>Toxicological Sciences</i> , 2015, 143, 196-208.	1.4	41
43	Reactive oxygen species mediates the apoptosis induced by transforming growth factor β 2 in human lens epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 278-283.	1.0	40
44	Anti-Oxidative and Anti-Inflammatory Micelles: Break the Dry Eye Vicious Cycle. <i>Advanced Science</i> , 2022, 9, e2200435.	5.6	40
45	Surface modification of silicone intraocular lens by 2-methacryloyloxyethyl phosphorylcholine binding to reduce <i>Staphylococcus epidermidis</i> adherence. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 462-467.	1.3	37
46	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.	1.0	36
47	Ocular manifestations in COVID-19 patients: A systematic review and meta-analysis. <i>Travel Medicine and Infectious Disease</i> , 2021, 44, 102191.	1.5	36
48	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, 187-194.	1.0	34
49	Dry eye and sleep quality: a large community-based study in Hangzhou. <i>Sleep</i> , 2019, 42, .	0.6	34
50	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.	1.1	34
51	Progressive polymorphic congenital cataract caused by a CRYBB2 mutation in a Chinese family. <i>Molecular Vision</i> , 2005, 11, 758-63.	1.1	34
52	Special fasciculiform cataract caused by a mutation in the gammaD-crystallin gene. <i>Molecular Vision</i> , 2004, 10, 233-9.	1.1	32
53	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.	1.6	31
54	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.	0.6	31

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55	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.	1.6	31
56	Protection of retinal ganglion cells in glaucoma: Current status and future. <i>Experimental Eye Research</i> , 2021, 205, 108506.	1.2	30
57	Ferrostatin α -loaded liposome for treatment of corneal alkali burn via targeting ferroptosis. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	30
58	Effect of Superposed Electromagnetic Noise on DNA Damage of Lens Epithelial Cells Induced by Microwave Radiation. , 2008, 49, 2009.		29
59	In vivo vascularization of MSC-loaded porous hydroxyapatite constructs coated with VEGF-functionalized collagen/heparin multilayers. <i>Scientific Reports</i> , 2016, 6, 19871.	1.6	29
60	Effects of senescent lens epithelial cells on the severity of age-related cortical cataract in humans. <i>Medicine (United States)</i> , 2016, 95, e3869.	0.4	29
61	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.	0.7	29
62	Drug-eluting intraocular lens with sustained bromfenac release for conquering posterior capsular opacification. <i>Bioactive Materials</i> , 2022, 9, 343-357.	8.6	29
63	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.	1.1	29
64	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.	1.6	28
65	Strategies for Genetically Engineering Hypoimmunogenic Universal Pluripotent Stem Cells. <i>IScience</i> , 2020, 23, 101162.	1.9	28
66	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.	2.9	28
67	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.	1.1	28
68	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, 72-78.	1.7	27
69	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.	2.3	27
70	Alterations of the Gut Microbiome and Metabolome in Patients With Proliferative Diabetic Retinopathy. <i>Frontiers in Microbiology</i> , 2021, 12, 667632.	1.5	27
71	Proteomic Analysis of Human Lens Epithelial Cells Exposed to Microwaves. <i>Japanese Journal of Ophthalmology</i> , 2007, 51, 412-416.	0.9	26
72	Spherical aberration, visual performance and pseudoaccommodation of eyes implanted with different aspheric intraocular lens. <i>Clinical and Experimental Ophthalmology</i> , 2008, 36, 620-624.	1.3	26

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73	The importance of the last strand at the C-terminus in λ 2B2-crystallin stability and assembly. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 44-55.	1.8	26
74	Antimicrobial nanomedicine for ocular bacterial and fungal infection. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1352-1375.	3.0	26
75	Single Nucleotide Polymorphisms of the Sirtuin 1 (SIRT1) Gene are Associated With age-Related Macular Degeneration in Chinese Han Individuals. <i>Medicine (United States)</i> , 2015, 94, e2238.	0.4	25
76	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, 148-155.	2.5	25
77	A novel splice site mutation of CRYBA3/A1 gene associated with congenital cataract in a Chinese family. <i>International Journal of Ophthalmology</i> , 2017, 10, 1-5.	0.5	25
78	Cataract: Advances in surgery and whether surgery remains the only treatment in future. <i>Advances in Ophthalmology Practice and Research</i> , 2021, 1, 100008.	0.3	25
79	Identification of a novel splice-site mutation in MIP in a Chinese congenital cataract family. <i>Molecular Vision</i> , 2009, 15, 38-44.	1.1	25
80	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	24
81	Effects of cataract-causing mutations W59C and W151C on λ 2B2-crystallin structure, stability and folding. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 764-770.	3.6	24
82	Multiple cytokine analyses of aqueous humor from the patients with retinitis pigmentosa. <i>Cytokine</i> , 2020, 127, 154943.	1.4	24
83	Study of Oxidative Stress in Human Lens Epithelial Cells Exposed to 1.8 GHz Radiofrequency Fields. <i>PLoS ONE</i> , 2013, 8, e72370.	1.1	24
84	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, 290-298.	0.7	23
85	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, 1-17.	1.9	23
86	Regulation of angiogenin expression and epithelial-mesenchymal transition by HIF-1 α signaling in hypoxic retinal pigment epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1594-1607.	1.8	23
87	A Novel GJA8 Mutation (p.V44A) Causing Autosomal Dominant Congenital Cataract. <i>PLoS ONE</i> , 2014, 9, e115406.	1.1	23
88	A Chinese family with progressive childhood cataracts and IVS3+1G>A CRYBA3/A1 mutations. <i>Molecular Vision</i> , 2010, 16, 2347-53.	1.1	23
89	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, 785-796.	1.5	22
90	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.	3.1	22

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91	Comparative outcomes of femtosecond laser-assisted cataract surgery and manual phacoemulsification: a six-month follow-up. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 472-480.	1.3	22
92	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.	1.6	22
93	The Effects of Postmenopausal Hormone Use on Cataract: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e78647.	1.1	22
94	Advances in pharmacotherapy of cataracts. <i>Annals of Translational Medicine</i> , 2020, 8, 1552-1552.	0.7	22
95	Effects of lens extraction versus laser peripheral iridotomy on anterior segment morphology in primary angle closure suspect. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1473-1480.	1.0	21
96	Transcriptomic profiling of human corneal epithelial cells exposed to airborne fine particulate matter (PM2.5). <i>Ocular Surface</i> , 2020, 18, 554-564.	2.2	21
97	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.	1.1	21
98	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.	1.1	21
99	Novel FBN1 mutations associated with predominant ectopia lentis and marfanoid habitus in Chinese patients. <i>Molecular Vision</i> , 2007, 13, 1280-4.	1.1	21
100	A novel GJA3 mutation associated with congenital nuclear pulverulent and posterior polar cataract in a chinese family. <i>Human Mutation</i> , 2011, 32, 1367-1370.	1.1	20
101	Different-sized incisions for phacoemulsification in age-related cataract. <i>The Cochrane Library</i> , 2017, 2017, CD010510.	1.5	20
102	The Congenital Cataract-Linked A2V Mutation Impairs Tetramer Formation and Promotes Aggregation of Î²B2-Crystallin. <i>PLoS ONE</i> , 2012, 7, e51200.	1.1	19
103	Association of Glutathione S transferases Polymorphisms with Glaucoma: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e54037.	1.1	19
104	Low power microwave radiation inhibits the proliferation of rabbit lens epithelial cells by upregulating P27Kip1 expression. <i>Molecular Vision</i> , 2004, 10, 138-43.	1.1	19
105	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.	1.1	19
106	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.	0.6	18
107	Cataract-linked mutation R188H promotes Î²B2-crystallin aggregation and fibrillization during acid denaturation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 244-249.	1.0	18
108	Potential Therapeutic Agents Against Retinal Diseases Caused by Aberrant Metabolism of Retinoids. , 2016, 57, 1017.		18

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109	Identification and functional analysis of two novel connexin 50 mutations associated with autosome dominant congenital cataracts. <i>Scientific Reports</i> , 2016, 6, 26551.	1.6	18
110	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.	0.6	18
111	The effect of anti-TGF- β 2 antibody functionalized intraocular lens on lens epithelial cell migration and epithelial-mesenchymal transition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 33-42.	2.5	17
112	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.	3.8	17
113	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.	3.6	17
114	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.	2.9	17
115	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.	1.0	17
116	Emerging pro-drug and nano-drug strategies for gemcitabine-based cancer therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 35-52.	4.3	17
117	Congenital polymorphic cataract associated with a G to A splice site mutation in the human beta-crystallin gene CRY β 2A3/A1. <i>Molecular Vision</i> , 2012, 18, 2213-20.	1.1	17
118	Concise Review: Induced Pluripotency by Defined Factors: Prey of Oxidative Stress. <i>Stem Cells</i> , 2015, 33, 1371-1376.	1.4	16
119	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.	0.7	16
120	Association between outpatient visits for pterygium and air pollution in Hangzhou, China. <i>Environmental Pollution</i> , 2021, 291, 118246.	3.7	16
121	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, 1233-1235.	5.7	15
122	Inhibition of Chemical Cautery-Induced Corneal Neovascularization by Topical Pigment Epithelium-Derived Factor Eyedrops. <i>Cornea</i> , 2010, 29, 1055-1061.	0.9	15
123	Diosmetin protects against retinal injury via reduction of DNA damage and oxidative stress. <i>Toxicology Reports</i> , 2016, 3, 78-86.	1.6	15
124	Moyamoya Disease Associated With Morning Glory Disc Anomaly and Other Ophthalmic Findings: A Mini-Review. <i>Frontiers in Neurology</i> , 2020, 11, 338.	1.1	15
125	β 2 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.	1.8	15
126	Cataract-causing mutations L45P and Y46D promote β -crystallin aggregation by disturbing hydrogen bonds network in the second Greek key motif. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 470-478.	3.6	15

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127	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.	0.5	15
128	A recurrent PAX6 mutation is associated with aniridia and congenital progressive cataract in a Chinese family. <i>Molecular Vision</i> , 2012, 18, 465-70.	1.1	15
129	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.	1.1	15
130	Combined microwave energy and fixative agent for cataract induction in pig eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1150-1155.	0.7	14
131	Performance of femtosecond laser-assisted cataract surgery in Chinese patients with cataract: a prospective, multicenter, registry study. <i>BMC Ophthalmology</i> , 2019, 19, 77.	0.6	14
132	Carnosine protects brain microvascular endothelial cells against rotenone-induced oxidative stress injury through histamine H_1 and H_2 receptors <i>in vitro</i> . <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 1019-1025.	0.9	13
133	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, 158-163.	1.1	13
134	Screening, genetics, risk factors, and treatment of neonatal cataracts. <i>Birth Defects Research</i> , 2017, 109, 734-743.	0.8	13
135	Comparison of the Clinical Outcomes between Echelette Extended Range of Vision and Diffractive Bifocal Intraocular Lenses. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-9.	0.6	13
136	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.	2.0	13
137	Bromfenac Inhibits TGF- β -Induced Fibrotic Effects in Human Pterygium and Conjunctival Fibroblasts. , 2019, 60, 1156.		13
138	COVID-19 and the Eye. <i>Journal of Infection</i> , 2020, 81, e122-e123.	1.7	13
139	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.	1.8	13
140	Pupillary Dysfunction in Type 2 Diabetes Mellitus to Refine the Early Diagnosis of Diabetic Autonomic Neuropathy. <i>Neuro-Ophthalmology</i> , 2006, 30, 17-21.	0.4	12
141	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.	0.4	12
142	Reduced Silicone Oil Adherence to Silicone Intraocular Lens by Surface Modification with 2-Methacryloyloxyethyl Phosphoryl-Choline. <i>Current Eye Research</i> , 2013, 38, 91-96.	0.7	12
143	Embryonic Surface Ectoderm-specific Mitofusin 2 Conditional Knockout Induces Congenital Cataracts in Mice. <i>Scientific Reports</i> , 2018, 8, 1522.	1.6	12
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