

Kai Cao

List of Publications by Citations

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Version: 2024-04-28

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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.

77
papers

457
citations

10
h-index

18
g-index

93
ext. papers

709
ext. citations

3.8
avg, IF

3.72
L-index

#	Paper	IF	Citations
77	PM2.5 Spatiotemporal Variations and the Relationship with Meteorological Factors during 2013-2014 in Beijing, China. <i>PLoS ONE</i> , 2015 , 10, e0141642	3.7	57
76	Multifocal versus monofocal intraocular lenses for age-related cataract patients: a system review and meta-analysis based on randomized controlled trials. <i>Survey of Ophthalmology</i> , 2019 , 64, 647-658	6.1	39
75	Spatial-Temporal Epidemiology of Tuberculosis in Mainland China: An Analysis Based on Bayesian Theory. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	26
74	Refractive Errors in University Students in Central China: The Anyang University Students Eye Study 2018 , 59, 4691-4700		25
73	Significance of Outdoor Time for Myopia Prevention: A Systematic Review and Meta-Analysis Based on Randomized Controlled Trials. <i>Ophthalmic Research</i> , 2020 , 63, 97-105	2.9	23
72	Spatiotemporal Pattern Analysis of Scarlet Fever Incidence in Beijing, China, 2005-2014. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	18
71	Different effects of meteorological factors on hand, foot and mouth disease in various climates: a spatial panel data model analysis. <i>BMC Infectious Diseases</i> , 2016 , 16, 233	4	18
70	Five-year incidence and progression of myopic maculopathy in a rural Chinese adult population: the Handan Eye Study. <i>Ophthalmic and Physiological Optics</i> , 2018 , 38, 337-345	4.1	17
69	Cycloplegic refraction by 1% cyclopentolate in young adults: is it the gold standard? The Anyang University Students Eye Study (AUSES). <i>British Journal of Ophthalmology</i> , 2018 ,	5.5	17
68	Spatiotemporal Cluster Patterns of Hand, Foot, and Mouth Disease at the County Level in Mainland China, 2008-2012. <i>PLoS ONE</i> , 2016 , 11, e0147532	3.7	16
67	Ocular monochromatic aberrations in a rural Chinese adult population. <i>Optometry and Vision Science</i> , 2014 , 91, 68-75	2.1	10
66	Detection of serum anti-retinal antibodies in the Chinese patients with presumed autoimmune retinopathy. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 1759-1764	3.8	9
65	Association of high-density lipoprotein with development of metabolic syndrome components: a five-year follow-up in adults. <i>BMC Public Health</i> , 2015 , 15, 412	4.1	9
64	Autologous Serum Eye Drops versus Artificial Tear Drops for Dry Eye Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Ophthalmic Research</i> , 2020 , 63, 443-451	2.9	9
63	Progression of myopia in a natural cohort of Chinese children during COVID-19 pandemic. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 2813-2820	3.8	9
62	Longitudinal Associations between Triglycerides and Metabolic Syndrome Components in a Beijing Adult Population, 2007-2012. <i>International Journal of Medical Sciences</i> , 2016 , 13, 445-50	3.7	9
61	Macular vessel density versus ganglion cell complex thickness for detection of early primary open-angle glaucoma. <i>BMC Ophthalmology</i> , 2020 , 20, 17	2.3	8

60	Current Evidence of 2019 Novel Coronavirus Disease (COVID-19) Ocular Transmission: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020 , 2020, 7605453	3	8
59	Disease-related and age-related changes of anterior chamber angle structures in patients with primary congenital glaucoma: An in vivo high-frequency ultrasound biomicroscopy-based study. <i>PLoS ONE</i> , 2020 , 15, e0227602	3.7	7
58	Five-year refractive changes in a rural Chinese adult population and its related factors: the Handan Eye Study. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 873-881	2.4	7
57	Five-Year Long-Term Prognosis of Epileptic Children After Hemispheric Surgery: A Systematic Review and Meta-analysis. <i>Medicine (United States)</i> , 2016 , 95, e3743	1.8	7
56	Correlation Between Trabeculodysgenesis Assessed by Ultrasound Biomicroscopy and Surgical Outcomes in Primary Congenital Glaucoma. <i>American Journal of Ophthalmology</i> , 2018 , 196, 57-64	4.9	7
55	Visual Impairment and Spectacle Use in University Students in Central China: The Anyang University Students Eye Study. <i>American Journal of Ophthalmology</i> , 2019 , 206, 168-175	4.9	6
54	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1298-1303	5.5	6
53	Design, methodology, and preliminary results of the follow-up of a population-based cohort study in rural area of northern China: Handan Eye Study. <i>Chinese Medical Journal</i> , 2019 , 132, 2157-2167	2.9	6
52	Six-Year Incidence and Risk Factors for Age-Related Macular Degeneration in a Rural Chinese Population: The Handan Eye Study 2019 , 60, 4966-4971		6
51	Changes in retinal and choroidal morphology after cerebrospinal fluid pressure reduction: a Beijing iCOP study. <i>Science China Life Sciences</i> , 2019 , 62, 268-271	8.5	6
50	Outcomes of Phacoemulsification Using Different Size of Clear Corneal Incision in Eyes with Previous Radial Keratotomy. <i>PLoS ONE</i> , 2016 , 11, e0165474	3.7	5
49	Outcomes of gonioscopy-assisted transluminal trabeculotomy in juvenile-onset primary open-angle glaucoma. <i>Eye</i> , 2021 , 35, 2848-2854	4.4	4
48	The Impact of Study-at-Home During the COVID-19 Pandemic on Myopia Progression in Chinese Children.. <i>Frontiers in Public Health</i> , 2021 , 9, 720514	6	4
47	Ab interno vs ab externo microcatheter-assisted trabeculotomy for primary congenital glaucoma with clear cornea. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 1201-1209	2.4	4
46	Efficacy and safety of vitrectomy for congenital cataract surgery: a systematic review and meta-analysis based on randomized and controlled trials. <i>Acta Ophthalmologica</i> , 2019 , 97, 233-239	3.7	4
45	Effect of body stature on refraction and ocular biometry in Chinese young adults: The Anyang University Students Eye Study. <i>Australasian journal of optometry, The</i> , 2021 , 104, 201-206	2.7	4
44	Comparison of the morphological and biomechanical characteristics of keratoconus, forme fruste keratoconus, and normal corneas. <i>Seminars in Ophthalmology</i> , 2021 , 36, 671-678	2.4	4
43	Association of intraocular pressure-related factors and retinal vessel diameter with optic disc rim area in subjects with and without primary open angle glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 389-399	2.4	3

42	The Effect of a Novel Strategy in Treating Primary Pterygium: A Prospective Randomized Clinical Study. <i>American Journal of Ophthalmology</i> , 2021 , 225, 108-116	4.9	3
41	Factors associated with blindness three months following treatment for acute primary angle glaucoma. <i>British Journal of Ophthalmology</i> , 2021 , 105, 502-506	5.5	3
40	Bibliometric analysis of glaucoma-related literature based on SCIE database: a 10-year literature analysis from 2009 to 2018. <i>International Journal of Ophthalmology</i> , 2020 , 13, 1998-2006	1.4	2
39	A prospective study of intraocular pressure spike and failure after gonioscopy-assisted transluminal trabeculotomy in juvenile open angle glaucoma. <i>American Journal of Ophthalmology</i> , 2021 ,	4.9	2
38	Longitudinal observation of intraocular pressure variations with acute altitude changes. <i>World Journal of Clinical Cases</i> , 2019 , 7, 3226-3236	1.6	2
37	The Relationship Between Nailfold Microcirculation and Retinal Microcirculation in Healthy Subjects. <i>Frontiers in Physiology</i> , 2020 , 11, 880	4.6	2
36	Distribution of ocular biometry in young Chinese eyes: The Anyang University Students Eye Study. <i>Acta Ophthalmologica</i> , 2021 , 99, 621-627	3.7	2
35	Distribution of IOP and its relationship with refractive error and other factors: the Anyang University Students Eye Study. <i>International Journal of Ophthalmology</i> , 2021 , 14, 554-559	1.4	2
34	Corneal Changes in Acanthamoeba Keratitis at Various Levels of Severity: An In Vivo Confocal Microscopic Study. <i>Translational Vision Science and Technology</i> , 2021 , 10, 10	3.3	2
33	Association Between Arterial Blood Gas Variation and Intraocular Pressure in Healthy Subjects Exposed to Acute Short-Term Hypobaric Hypoxia. <i>Translational Vision Science and Technology</i> , 2019 , 8, 22	3.3	2
32	Fresh fruit consumption and risk of incident albuminuria among rural Chinese adults: A village-based prospective cohort study. <i>PLoS ONE</i> , 2018 , 13, e0197917	3.7	2
31	Evaluation of preoperative dry eye in people undergoing corneal refractive surgery to correct myopia. <i>International Journal of Ophthalmology</i> , 2021 , 14, 1047-1051	1.4	2
30	A multi-center study evaluating the correlation between meibomian gland dysfunction and depressive symptoms.. <i>Scientific Reports</i> , 2022 , 12, 443	4.9	1
29	Repeatability and Reproducibility of SMTube Measurement in Dry Eye Disease Patients. <i>Journal of Ophthalmology</i> , 2021 , 2021, 1589378	2	1
28	The effectiveness and safety of posterior scleral reinforcement with vitrectomy for myopic foveoschisis treatment: a systematic review and meta-analysis. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 257-271	3.8	1
27	Comparison of Peripapillary Retinal Nerve Fiber Layer Thickness, Functional Subzones, and Macular Ganglion Cell-Inner Plexiform Layer in Differentiating Patients With Mild, Moderate, and Severe Open-angle Glaucoma. <i>Journal of Glaucoma</i> , 2020 , 29, 761-766	2.1	1
26	Burden of visual impairment in mainland China: the Handan Eye Study and Beijing Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 3501-3509	3.8	1
25	Determinants of maximum cup depth in non-glaucoma and primary open-angle glaucoma subjects: a population-based study. <i>Eye</i> , 2020 , 34, 892-900	4.4	1

24	Superficial macular vessel density in eyes with mild, moderate, and severe primary open-angle glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 1955-1963	3.8	1
23	Analyzing Anatomical Factors Contributing to Angle Closure Based on Anterior Segment Optical Coherence Tomography Imaging. <i>Current Eye Research</i> , 2021 , 1-6	2.9	1
22	Implantable collamer lens versus small incision lenticule extraction for high myopia correction: A systematic review and meta-analysis.. <i>BMC Ophthalmology</i> , 2021 , 21, 450	2.3	1
21	Diabetic Retinopathy, Visual Impairment, and the Risk of Six-Year Death: A Cohort Study of a Rural Population in China. <i>Ophthalmic Research</i> , 2021 , 64, 983-990	2.9	0
20	Varying Dose of Atropine in Slowing Myopia Progression in Children Over Different Follow-Up Periods by Meta-Analysis.. <i>Frontiers in Medicine</i> , 2021 , 8, 756398	4.9	0
19	Benefits and Safety of Astaxanthin in the Treatment of Mild-To-Moderate Dry Eye Disease.. <i>Frontiers in Nutrition</i> , 2021 , 8, 796951	6.2	0
18	Mitochondrial Mutations in Ethambutol-Induced Optic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 754676	5.7	0
17	Diagnostic Value of Optical Coherence Tomography Angiography for Choroidal Neovascularization in Age-Related Macular Degeneration: A Systematic Review and Meta-Analysis. <i>Ophthalmic Research</i> , 2021 , 64, 704-712	2.9	0
16	Intereye Comparison of Focal Lamina Cribrosa Defect in Normal-Tension Glaucoma Patients with Asymmetric Visual Field Loss. <i>Ophthalmic Research</i> , 2021 , 64, 447-457	2.9	0
15	Ganglion Cell Complex Parameters in Primary Angle Closure Suspects. <i>Ophthalmic Research</i> , 2021 , 64, 844-850	2.9	0
14	Systemic Vascular Dysregulation May Be Associated With Lower Peripapillary Vessel Density in Non-glaucomatous Healthy Eyes: A Prospective Cross-Sectional Study. <i>Frontiers in Medicine</i> , 2021 , 8, 678829	4.9	0
13	The Association in Myopic Tractional Maculopathy With Myopic Atrophy Maculopathy. <i>Frontiers in Medicine</i> , 2021 , 8, 679192	4.9	0
12	Characteristics of Toxic Keratopathy, an In Vivo Confocal Microscopy Study. <i>Translational Vision Science and Technology</i> , 2021 , 10, 11	3.3	0
11	New loci for refractive errors and ocular biometric parameters in young Chinese Han adults.. <i>Science China Life Sciences</i> , 2022 , 1	8.5	0
10	Dry Eye Disease in Patients With Schizophrenia: A Case-Control Study.. <i>Frontiers in Medicine</i> , 2022 , 9, 831337	4.9	
9	Authors' response to: Methodological challenges with randomized clinical trials for multifocal intraocular lenses (MFIOLs). <i>Survey of Ophthalmology</i> , 2020 , 65, 392-394	6.1	
8	Prevalence and Clinical Characteristics of Myelinated Retinal Nerve Fibres in a Chinese Teleophthalmology System. <i>Current Eye Research</i> , 2021 , 46, 1406-1413	2.9	
7	Ab Interno vs. Ab Externo Microcatheter-Assisted Circumferential Trabeculotomy in Treating Patients With Primary Open-Angle Glaucoma.. <i>Frontiers in Medicine</i> , 2021 , 8, 795172	4.9	

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