

# Yuanbo Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,160  
citations

236925

25  
h-index

223800

46  
g-index

117  
all docs

117  
docs citations

117  
times ranked

2912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Diabetic Retinopathy in Rural China: The Handan Eye Study. Ophthalmology, 2009, 116, 461-467.	5.2	210
2	Prevalence and Causes of Low Vision and Blindness in a Rural Chinese Adult Population. Ophthalmology, 2008, 115, 1965-1972.e1.	5.2	206
3	Refractive Errors in a Rural Chinese Adult PopulationThe Handan Eye Study. Ophthalmology, 2009, 116, 2119-2127.	5.2	176
4	Prevalence of Primary Open Angle Glaucoma in a Rural Adult Chinese Population: The Handan Eye Study. , 2011, 52, 8250.		134
5	Prevalence and Characteristics of Primary Angle-Closure Diseases in a Rural Adult Chinese Population: The Handan Eye Study. , 2011, 52, 8672.		125
6	Normal Macular Thickness Measurements Using Optical Coherence Tomography in Healthy Eyes of Adult Chinese Persons: The Handan Eye Study. Ophthalmology, 2010, 117, 1585-1594.	5.2	124
7	Prevalence and Characteristics of Myopic Retinopathy in a Rural Chinese Adult Population. JAMA Ophthalmology, 2011, 129, 1199.	2.4	112
8	Rationale, Design, Methodology, and Baseline Data of a Population-Based Study in Rural China: The Handan Eye Study. Ophthalmic Epidemiology, 2009, 16, 115-127.	1.7	106
9	Prevalence and Associations of Epiretinal Membranes in a Rural Chinese Adult Population: The Handan Eye Study. , 2009, 50, 2018.		98
10	Near Work, Outdoor Activity, and their Association with Refractive Error. Optometry and Vision Science, 2014, 91, 376-382.	1.2	91
11	Cost-effectiveness and cost-utility of population-based glaucoma screening in China: a decision-analytic Markov model. The Lancet Global Health, 2019, 7, e968-e978.	6.3	72
12	A Two-Site, Population-Based Study of Barriers to Cataract Surgery in Rural China. , 2009, 50, 1069.		68
13	Prevalence of Age-Related Macular Degeneration in a Rural Chinese Population: The Handan Eye Study. Ophthalmology, 2011, 118, 1395-1401.	5.2	68
14	Near work, outdoor activity, and myopia in children in rural China: the Handan offspring myopia study. BMC Ophthalmology, 2017, 17, 203.	1.4	52
15	Automated segmentation of the optic disc from fundus images using an asymmetric deep learning network. Pattern Recognition, 2021, 112, 107810.	8.1	51
16	Prevalence and Causes of Amblyopia in a Rural Adult Population of Chinese. Ophthalmology, 2011, 118, 279-283.	5.2	50
17	Risk factors for diabetic retinopathy in a rural Chinese population with type 2 diabetes: the Handan Eye Study. Acta Ophthalmologica, 2011, 89, e336-43.	1.1	50
18	Laser Peripheral Iridotomy With and Without Iridoplasty for Primary Angle-Closure Glaucoma: 1-Year Results of a Randomized Pilot Study. American Journal of Ophthalmology, 2010, 150, 68-73.	3.3	48

#	ARTICLE	IF	CITATIONS
19	The influence of near work on myopic refractive change in urban students in Beijing: a three-year follow-up report. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2247-2255.	1.9	48
20	A Population-Based Assessment of 24-Hour Intraocular Pressure among Subjects with Primary Open-Angle Glaucoma: The Handan Eye Study. , 2011, 52, 7817.		41
21	Prevalence of Blindness and Outcomes of Cataract Surgery in Hainan Province in South China. Ophthalmology, 2013, 120, 2176-2183.	5.2	39
22	Prevalence and Etiology of Amblyopia in Southern India: Results from Screening of School Children Aged 5–15 years. Ophthalmic Epidemiology, 2013, 20, 228-231.	1.7	38
23	Generational difference of refractive error in the baseline study of the Beijing Myopia Progression Study. British Journal of Ophthalmology, 2013, 97, 765-769.	3.9	37
24	Does Cigarette Smoking Alter the Risk of Pterygium? A Systematic Review and Meta-Analysis. , 2014, 55, 6235.		37
25	Retinopathy in Persons without Diabetes. Ophthalmology, 2010, 117, 531-537.e2.	5.2	36
26	Prevalence and associations of cataract in a rural Chinese adult population: the Handan Eye Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 203-212.	1.9	36
27	Intraocular Pressure and its Relationship to Ocular and Systemic Factors in a Healthy Chinese Rural Population: The Handan Eye Study. Ophthalmic Epidemiology, 2012, 19, 278-284.	1.7	34
28	Association analysis of cigarette smoking with onset of primary open-angle glaucoma and glaucoma-related biometric parameters. BMC Ophthalmology, 2012, 12, 59.	1.4	31
29	Association of dilated retinal arteriolar caliber with early age-related macular degeneration: the Handan Eye Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 741-749.	1.9	30
30	Eye exercises of acupoints: their impact on refractive error and visual symptoms in Chinese urban children. BMC Complementary and Alternative Medicine, 2013, 13, 306.	3.7	30
31	Generational Difference of Refractive Error and Risk Factors in the Handan Offspring Myopia Study. , 2014, 55, 5711.		30
32	Implementation of a Free Cataract Surgery Program in Rural China. Ophthalmology, 2013, 120, 260-265.	5.2	29
33	Effect of Community Screening on the Demographic Makeup and Clinical Severity of Glaucoma Patients Receiving Care in Urban China. American Journal of Ophthalmology, 2018, 195, 1-7.	3.3	29
34	Barriers for Poor Cataract Surgery Uptake among Patients with Operable Cataract in a Program of Outreach Screening and Low-cost Surgery in Rural China. Ophthalmic Epidemiology, 2014, 21, 153-160.	1.7	28
35	Comparisons of Different Metabolic Syndrome Definitions and Associations with Coronary Heart Disease, Stroke, and Peripheral Arterial Disease in a Rural Chinese Population. PLoS ONE, 2015, 10, e0126832.	2.5	28
36	Eye exercises of acupoints: their impact on myopia and visual symptoms in Chinese rural children. BMC Complementary and Alternative Medicine, 2016, 16, 349.	3.7	27

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37	Parapapillary Choroidal Microvasculature Dropout Is Associated With the Decrease in Retinal Nerve Fiber Layer Thickness: A Prospective Study. , 2019, 60, 838.		26
38	The Epidemiology of Age-Related Eye Diseases in Mainland China. Ophthalmic Epidemiology, 2007, 14, 399-407.	1.7	25
39	Associations between metabolic syndrome and syndrome components and retinal microvascular signs in a rural Chinese population: the Handan Eye Study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1755-1763.	1.9	24
40	Retinal Vessels Change in Primary Angle-Closure Glaucoma: The Handan Eye Study. Scientific Reports, 2015, 5, 9585.	3.3	24
41	Association of C-reactive protein and metabolic syndrome in a rural Chinese population. Clinical Biochemistry, 2009, 42, 976-983.	1.9	23
42	A survey of perceived training differences between ophthalmology residents in Hong Kong and China. BMC Medical Education, 2015, 15, 158.	2.4	23
43	Baseline Characteristics of Nearwork-Induced Transient Myopia. Optometry and Vision Science, 2012, 89, 1725-1733.	1.2	22
44	The Prevalence of and Risk Factors Associated with Pterygium in a Rural Adult Chinese Population: The Handan Eye Study. Ophthalmic Epidemiology, 2013, 20, 148-154.	1.7	22
45	Initial Treatment for Primary Angle-Closure Glaucoma in China. Journal of Glaucoma, 2015, 24, 469-473.	1.6	22
46	Posner-Schlossman syndrome in Wenzhou, China: a retrospective review study. British Journal of Ophthalmology, 2017, 101, 1638-1642.	3.9	22
47	The difference between cycloplegic and non-cycloplegic autorefraction and its association with progression of refractive error in Beijing urban children. Ophthalmic and Physiological Optics, 2017, 37, 489-497.	2.0	20
48	Near work, screen time, outdoor time and myopia in schoolchildren in the Sunflower Myopia AEEC Consortium. Acta Ophthalmologica, 2022, 100, 302-311.	1.1	19
49	C-reactive protein, gamma-glutamyltransferase and type 2 diabetes in a Chinese population. Clinica Chimica Acta, 2010, 411, 198-203.	1.1	17
50	Prevalence and risk factors of posterior vitreous detachment in a Chinese adult population: the Handan eye study. BMC Ophthalmology, 2013, 13, 33.	1.4	17
51	Metabolic syndrome and chronic kidney disease in a rural Chinese population. Clinica Chimica Acta, 2011, 412, 1983-1988.	1.1	16
52	Nearwork-induced transient myopia (<sc>NITM</sc>) in anisometropia. Ophthalmic and Physiological Optics, 2013, 33, 311-317.	2.0	16
53	Accuracy of isolated-check visual evoked potential technique for diagnosing primary open-angle glaucoma. Documenta Ophthalmologica, 2017, 135, 107-119.	2.2	16
54	Rationale, Design, Methodology and Baseline Data of Fushun Diabetic Retinopathy Cohort Study (FS-DIRECT). Ophthalmic Epidemiology, 2020, 27, 73-82.	1.7	16

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55	Rationale, Design, and Demographic Characteristics of the Handan Offspring Myopia Study. <i>Ophthalmic Epidemiology</i> , 2014, 21, 124-132.	1.7	15
56	Utility Analysis of Vision-related Quality of Life in Patients With Glaucoma and Different Perceptions from Ophthalmologists. <i>Journal of Glaucoma</i> , 2015, 24, 508-514.	1.6	15
57	High myopia is protective against diabetic retinopathy via thinning retinal vein: A report from Fushun Diabetic Retinopathy Cohort Study (FS-DIRECT). <i>Diabetes and Vascular Disease Research</i> , 2020, 17, 147916412094098.	2.0	15
58	Ocular Trauma in a Rural Population of North China: The Handan Eye Study. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 495-501.	0.2	15
59	Prevalence of Chronic Kidney Disease in a Rural Chinese Adult Population: The Handan Eye Study. <i>Nephron Clinical Practice</i> , 2010, 114, c295-c302.	2.3	13
60	Retinal Vessel Diameter and Chronic Kidney Disease in Rural China. <i>Medicine (United States)</i> , 2015, 94, e2076.	1.0	13
61	Factors Correlating With Failure to Control Intraocular Pressure in Primary Angle-Closure Glaucoma Eyes With Coexisting Cataract Treated by Phacoemulsification or Combined Phacotrabeculectomy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2015, 4, 56-59.	2.5	13
62	Metabolic syndrome, C-reactive protein and microalbuminuria in a rural Chinese population: a cross-sectional study. <i>BMC Nephrology</i> , 2013, 14, 118.	1.8	12
63	Reproducibility of nearwork-induced transient myopia measurements using the WAM-5500 autorefractor in its dynamic mode. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1477-1483.	1.9	11
64	Ocular Monochromatic Aberrations in a Rural Chinese Adult Population. <i>Optometry and Vision Science</i> , 2014, 91, 68-75.	1.2	11
65	Peripheral Anterior Synechia Reduce Extent of Angle Widening After Laser Peripheral Iridotomy in Eyes With Primary Angle Closure. <i>Journal of Glaucoma</i> , 2013, 22, 374-379.	1.6	10
66	Integrating opportunistic glaucoma screening into general health examinations in China: A pilot study. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 1000-1008.	2.6	10
67	The association between nearwork-induced transient myopia and progression of refractive error: A 3-year cohort report from Beijing Myopia Progression Study. <i>Journal of Optometry</i> , 2021, 14, 44-49.	1.3	9
68	Prevalence and Causes of Monocular Childhood Blindness in a Rural Population in Southern India. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2012, 49, 303-307.	0.7	9
69	Progression of Macular Vessel Density in Primary Open-Angle Glaucoma: A Longitudinal Study. <i>American Journal of Ophthalmology</i> , 2021, 223, 259-266.	3.3	8
70	Eye Care Use Among Rural Adults in China: The Handan Eye Study. <i>Ophthalmic Epidemiology</i> , 2013, 20, 274-280.	1.7	7
71	Can Intraoperative Intraocular Pressure During Primary Trabeculectomy Predict Early Postoperative Pressure?. <i>Journal of Glaucoma</i> , 2014, 23, 653-657.	1.6	7
72	Laser peripheral iridotomy versus laser peripheral iridotomy plus laser peripheral iridoplasty in the treatment of multi-mechanism angle closure: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 130.	1.6	7

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73	The Prevalence and Causes of Visual Impairment in Type 2 Diabetes Mellitus in Northeast China. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-7.	1.3	7
74	Structure-function correlation of localized visual field defects and macular microvascular damage in primary open-angle glaucoma. <i>Microvascular Research</i> , 2020, 130, 104005.	2.5	7
75	Efficacy of bleb-independent penetrating canaloplasty in primary angle-closure glaucoma: one-year results. <i>Acta Ophthalmologica</i> , 2022, 100, .	1.1	7
76	Intraocular asymmetry of visual field defects in primary angle-closure glaucoma, high-tension glaucoma, and normal-tension glaucoma in a Chinese population. <i>Scientific Reports</i> , 2021, 11, 11674.	3.3	7
77	The value of cycloplegia in optometric refraction of adults in a population study. <i>Acta Ophthalmologica</i> , 2019, 97, e484-e486.	1.1	6
78	Interocular Asymmetry of Visual Field Loss, Intraocular Pressure, and Corneal Parameters in Primary Open-Angle Glaucoma. <i>Ophthalmic Research</i> , 2021, 64, 857-862.	1.9	6
79	&lt;p&gt;The Effect of Eye Exercises of Acupoints on Myopia Progression: A 3-Year Cohort Report from the Beijing Myopia Progression Study&lt;/p&gt;. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 2793-2799.	2.5	6
80	Refractive change and incidence of myopia among rural Chinese children: the Handan Offspring Myopia Study. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-317811.	3.9	6
81	Diurnal fluctuations of macular vessel density in patients with primary open-angle glaucoma and healthy subjects. <i>International Ophthalmology</i> , 2020, 40, 2257-2266.	1.4	6
82	The Association of the Prevalence of Depression in Type 2 Diabetes Mellitus with Visual-Related Quality of Life and Social Support. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022, Volume 15, 535-544.	2.4	6
83	Daytime Fluctuation of Intraocular Pressure in Patients With Primary Angle-Closure Glaucoma After Trabeculectomy. <i>Journal of Glaucoma</i> , 2013, 22, 349-354.	1.6	5
84	Nearwork-Induced Transient Myopia and Parental Refractive Error. <i>Optometry and Vision Science</i> , 2013, 90, 507-516.	1.2	5
85	A Population-Based Assessment of 24-Hour Ocular Perfusion Pressure Among Patients With Primary Open Angle Glaucoma. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016, 5, 127-132.	2.5	5
86	Evening exercise is associated with lower odds of visual field progression in Chinese patients with primary open angle glaucoma. <i>Eye and Vision (London, England)</i> , 2020, 7, 12.	3.0	5
87	Design and baseline data of a population-based metabonomics study of eye diseases in eastern China: the Yueqing Ocular Diseases Investigation. <i>Eye and Vision (London, England)</i> , 2020, 7, 8.	3.0	5
88	The Association between Maternal Reproductive Age and Progression of Refractive Error in Urban Students in Beijing. <i>PLoS ONE</i> , 2015, 10, e0139383.	2.5	4
89	Myopigenic Activity Change and Its Risk Factors in Urban Students in Beijing: Three-Year Report of Beijing Myopia Progression Study. <i>Ophthalmic Epidemiology</i> , 2017, 24, 388-393.	1.7	4
90	Central visual function and inner retinal structure in primary open-angle glaucoma. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 305-314.	2.8	4

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91	Cone parameters in different vision levels from the adaptive optics imaging. <i>Medicine (United States)</i> , 2021, 100, e25618.	1.0	4
92	Characteristics of optic disc parameters and its association in normal Chinese population: the Handan Eye Study. <i>Chinese Medical Journal</i> , 2014, 127, 1702-9.	2.3	4
93	Clinical outcomes of penetrating canaloplasty in patients with traumatic angle recession glaucoma: a prospective interventional case series. <i>British Journal of Ophthalmology</i> , 2023, 107, 1092-1097.	3.9	4
94	Laser Peripheral Iridotomy versus Trabeculectomy as an Initial Treatment for Primary Angle-Closure Glaucoma. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-6.	1.3	3
95	Generational Difference of Axial Length and Its Risk Factors in Urban and Rural China. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	1.3	3
96	One-year outcome of low dose laser cyclophotocoagulation for capsular tension ring-induced malignant glaucoma. <i>Medicine (United States)</i> , 2020, 99, e18836.	1.0	3
97	Intraocular Pressure, Age, and Central Corneal Thickness in a Healthy Chinese Children Population: The Handan Offspring Myopia Study. <i>Ophthalmic Epidemiology</i> , 2022, 29, 499-506.	1.7	3
98	Higher prevalence of diabetic retinopathy among female Chinese diabetic patients with metabolic syndrome. <i>Japanese Journal of Ophthalmology</i> , 2021, , 1.	1.9	3
99	High speed small gauge anterior vitrectomy cutter for scleral fixated intraocular lens implantation. <i>International Journal of Ophthalmology</i> , 2017, 10, 77-80.	1.1	2
100	Improving Access to Refractive Services in Adults: A Health Examination Center-Based Model. <i>Frontiers in Medicine</i> , 2021, 8, 753257.	2.6	2
101	Association between Mean Ocular Perfusion Pressure and Diabetic Retinopathy in a Northeastern Chinese Population. <i>Biomedical and Environmental Sciences</i> , 2020, 33, 701-707.	0.2	2
102	Vision-related quality of life in patients with glaucoma: the role of illness perceptions. <i>Health and Quality of Life Outcomes</i> , 2022, 20, 78.	2.4	2
103	Comments on Evaluation of Central and Peripheral Visual Field Concordance in Glaucoma. , 2016, 57, 5271.		1
104	Is it time to consider glaucoma screening cost-effective? â€œ Authors' reply. <i>The Lancet Global Health</i> , 2019, 7, e1491.	6.3	1
105	Validity and feasibility of a self-administered home vision examination in Yueqing, China: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e030956.	1.9	1
106	Population-based associations between progression of normal-tension glaucoma and Yang-deficient constitution among Chinese persons. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2021-319210.	3.9	1
107	Refractive Error in a Chinese Population with Type 2 Diabetes: A Report from the Fushun Diabetic Retinopathy Cohort Study. <i>Ophthalmic Epidemiology</i> , 2022, , 1-8.	1.7	1
108	Re: Kostanyan etÂal.: Glaucoma structural and functional progression in American and Korean cohorts ( <i>Ophthalmology</i> 2016;123:783-788). <i>Ophthalmology</i> , 2017, 124, e23-e24.	5.2	0

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109	The Handan Offspring Myopia Study (HOMS): an overview. <i>Annals of Eye Science</i> , 0, 3, 48-48.	2.1	0
110	Re: Lee etÂal.: Greater physical activity is associated with slower visual field loss in glaucoma ( <i>Ophthalmology</i> . 2018 Oct 10 [Epub ahead of print]). <i>Ophthalmology</i> , 2019, 126, e47-e48.	5.2	0
111	Silicone Tube Miniature Drainage Device Implanted under Scleral Flap for the Surgical Treatment of Glaucoma. <i>Current Eye Research</i> , 2020, 45, 820-826.	1.5	0
112	Design and Methodology of a Multi-Centre Clinical Trial of Low Dose Laser Cycloplasty for the Treatment of Malignant Glaucoma in China. <i>Ophthalmic Epidemiology</i> , 2021, , 1-8.	1.7	0
113	Facilitators and Barriers to Using Selective Laser Trabeculoplasty (SLT) as First-Line Treatment for Glaucoma: Physician and Patient Views Gathered during an Exploratory Descriptive Qualitative Study. <i>Ophthalmic Epidemiology</i> , 2022, , 1-8.	1.7	0