

# Liang Xu

## List of Publications by Year in Descending Order

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**Version:** 2023-06-06

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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.

111  
papers

4,131  
citations

35  
h-index

60  
g-index

122  
ext. papers

5,046  
ext. citations

6.2  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
111	The relationship between Subfoveal Choroidal Thickness and Hypertensive Retinopathy. <i>Scientific Reports</i> , <b>2021</b> , 11, 5460	4.7	2
110	Myelinated Retinal Nerve Fiber Progression in a 10-Year Follow-Up. The Beijing Eye Study 2001/2011. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 230, 68-74	4.7	
109	Neural Network-Based Retinal Nerve Fiber Layer Profile Compensation for Glaucoma Diagnosis in Myopia: Model Development and Validation. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e22664	3.5	1
108	Thickness of individual layers at the macula and associated factors: the Beijing Eye Study 2011. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 49	2.3	4
107	Prevalence, risk factors and associated ocular diseases of cerebral stroke: the population-based Beijing Eye Study. <i>BMJ Open</i> , <b>2020</b> , 10, e024646	2.9	1
106	Size and Shape of Bruch's Membrane Opening in Relationship to Axial Length, Gamma Zone, and Macular Bruch's Membrane Defects <b>2019</b> , 60, 2591-2598		31
105	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	35.2	217
104	Outdoor Jogging and Myopia Progression in School Children From Rural Beijing: The Beijing Children Eye Study. <i>Translational Vision Science and Technology</i> , <b>2019</b> , 8, 2	3.2	8
103	Physical activity and eye diseases. The Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, 325-331	3.5	10
102	POSTERIOR FUNDUS HEMORRHAGES: Frequency and Associated Factors: The Beijing Eye Study. <i>Retina</i> , <b>2019</b> , 39, 1206-1215	3.4	2
101	Optical Coherence Tomography Angiography Vessel Density Changes after Acute Intraocular Pressure Elevation. <i>Scientific Reports</i> , <b>2018</b> , 8, 6024	4.7	22
100	Optic disc-fovea distance and myopia progression in school children: the Beijing Children Eye Study. <i>Acta Ophthalmologica</i> , <b>2018</b> , 96, e606-e613	3.5	12
99	Ten-Year Progression of Myopic Maculopathy: The Beijing Eye Study 2001-2011. <i>Ophthalmology</i> , <b>2018</b> , 125, 1253-1263	7	57
98	Cognitive Function and Ophthalmological Diseases: The Beijing Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 4816	4.7	22
97	Macular Choroidal Small-Vessel Layer, Sattler's Layer and Haller's Layer Thicknesses: The Beijing Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 4411	4.7	32
96	Long-term Progression and Risk Factors of Fundus Tessellation in the Beijing Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 10625	4.7	7
95	Using spectral-domain optical coherence tomography to evaluate the type and thickness of interdigitation zone band in adult Chinese. <i>Scientific Reports</i> , <b>2018</b> , 8, 12253	4.7	1

94	Parapapillary Beta Zone and Gamma Zone in a Healthy Population: The Beijing Eye Study 2011 <b>2018</b> , 59, 3320-3329		11
93	Self-rated depression and eye diseases: The Beijing Eye Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202132	3.6	18
92	Ten-year cumulative incidence of epiretinal membranes assessed on fundus photographs. The Beijing Eye Study 2001/2011. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195768	3.6	7
91	Intraocular pressure and its normal range adjusted for ocular and systemic parameters. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196926	3.6	29
90	10-year fundus tessellation progression and retinal vein occlusion. <i>International Journal of Ophthalmology</i> , <b>2018</b> , 11, 1192-1197	1.4	0
89	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , <b>2018</b> , 9, 5052	16.9	29
88	Systemic inflammation and eye diseases. The Beijing Eye Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204263	3.6	6
87	Parapapillary Gamma Zone and Progression of Myopia in School Children: The Beijing Children Eye Study <b>2018</b> , 59, 1609-1616		20
86	An enhancement method for color retinal images based on image formation model. <i>Computer Methods and Programs in Biomedicine</i> , <b>2017</b> , 143, 137-150	6.7	26
85	Peripapillary choroidal vascular layers: the Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, 619-628	3.5	3
84	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , <b>2017</b> , 49, 993-1004	35.2	72
83	High myopia in Greater Beijing School Children in 2016. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187396	3.6	25
82	Cyclic stretch induced-retinal pigment epithelial cell apoptosis and cytokine changes. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 208	2.3	11
81	The relationship between scleral staphyloma and choroidal thinning in highly myopic eyes: The Beijing Eye Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 9825	4.7	21
80	Chronic Kidney Disease and Eye Diseases: The Beijing Eye Study. <i>Ophthalmology</i> , <b>2017</b> , 124, 1566-1569	7	5
79	Retinal oxygen saturation in Chinese adolescents. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, e54-e61	3.5	11
78	An automatic evaluation method for retinal image registration <b>2017</b> ,		2
77	An Approach to Evaluate Blurriness in Retinal Images with Vitreous Opacity for Cataract Diagnosis. <i>Journal of Healthcare Engineering</i> , <b>2017</b> , 2017, 5645498	3.6	32

76	Outdoor activity and myopia progression in 4-year follow-up of Chinese primary school children: The Beijing Children Eye Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175921	3.6	45
75	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , <b>2016</b> , 7, 11008	16.9	79
74	Automatic detection of arteriovenous nicking in retinal images <b>2016</b> ,		2
73	Cognitive Function and Subfoveal Choroidal Thickness: The Beijing Eye Study. <i>Ophthalmology</i> , <b>2016</b> , 123, 220-2	7	11
72	Education-Related Parameters in High Myopia: Adults versus School Children. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154554	3.5	30
71	Carotid Atherosclerosis, Cerebrospinal Fluid Pressure, and Retinal Vessel Diameters: The Asymptomatic Polyvascular Abnormalities in Community Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166993	3.6	7
70	Retinal Thickness and Axial Length <b>2016</b> , 57, 1791-7		67
69	Parapapillary Gamma Zone and Axial Elongation-Associated Optic Disc Rotation: The Beijing Eye Study <b>2016</b> , 57, 396-402		44
68	Prevalence and associations of central serous chorioretinopathy in elderly Chinese. The Beijing Eye Study 2011. <i>Acta Ophthalmologica</i> , <b>2016</b> , 94, 386-90	3.5	6
67	Intraocular pressure elevation and choroidal thinning. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 1676-1681	3.5	24
66	Choroidal thickness in Chinese patients with non-arteritic anterior ischemic optic neuropathy. <i>BMC Ophthalmology</i> , <b>2016</b> , 16, 153	2.3	6
65	Reply. <i>Ophthalmology</i> , <b>2016</b> , 123, e64-e65	7	
64	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , <b>2016</b> , 48, 556-62	35.2	109
63	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , <b>2015</b> , 47, 387-92	35.2	70
62	Acute Peripapillary Retinal Pigment Epithelium Changes Associated with Acute Intraocular Pressure Elevation. <i>Ophthalmology</i> , <b>2015</b> , 122, 2022-8	7	38
61	Incident retinal vein occlusions and estimated cerebrospinal fluid pressure. The Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2015</b> , 93, e522-6	3.5	13
60	Optic Disc Ovality in Primary School Children in Beijing <b>2015</b> , 56, 4547-53		13
59	Risk Factors of Myopic Shift among Primary School Children in Beijing, China: A Prospective Study. <i>International Journal of Medical Sciences</i> , <b>2015</b> , 12, 633-8	3.6	32

58	Peripapillary Choroidal Thickness in Adult Chinese: The Beijing Eye Study <b>2015</b> , 56, 4045-52		52
57	Ten-Year Incidence of Retinal Nerve Fiber Layer Defects: The Beijing Eye Study 2001/2011 <b>2015</b> , 56, 5118-24	6	
56	Prevalence and associated factors of myopia in high-school students in Beijing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120764	96	
55	Macular Bruch's Membrane Length and Axial Length. The Beijing Eye Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136833	38	
54	Optic Disc-Fovea Distance, Axial Length and Parapapillary Zones. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138701	3.6	56
53	Optic Disc - Fovea Angle: The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141771	3.6	37
52	Fundus Tessellation: Prevalence and Associated Factors: The Beijing Eye Study 2011. <i>Ophthalmology</i> , <b>2015</b> , 122, 1873-80	7	52
51	Optic nerve head changes after short-term intraocular pressure elevation in acute primary angle-closure suspects. <i>Ophthalmology</i> , <b>2015</b> , 122, 730-7	7	32
50	Subfoveal choroidal thickness and cataract: the Beijing Eye Study 2011. <i>Investigative Ophthalmology and Visual Science</i> , <b>2015</b> , 56, 810-5		7
49	Retinal vessel diameter and estimated cerebrospinal fluid pressure in arterial hypertension: the Beijing Eye Study. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 1170-8	2.1	27
48	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , <b>2014</b> , 46, 1126-1130	35.2	171
47	Polypoidal choroidal vasculopathy in adult chinese: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2014</b> , 121, 2290-1	7	25
46	Visual acuity and subfoveal choroidal thickness: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 158, 702-709.e1	4.7	65
45	Subfoveal choroidal thickness and glaucoma. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e107321	3.6	13
44	Enhanced activity of doxorubicin in drug resistant A549 tumor cells by encapsulation of P-glycoprotein inhibitor in PLGA-based nanovectors. <i>Oncology Letters</i> , <b>2014</b> , 7, 387-392	2.5	18
43	ABCC5, a gene that influences the anterior chamber depth, is associated with primary angle closure glaucoma. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004089	5.7	50
42	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , <b>2014</b> , 5, 4883	16.9	71
41	Localized retinal nerve fiber layer defects and stroke. <i>Stroke</i> , <b>2014</b> , 45, 1651-6	6.5	35

40	Meta-analysis of genome-wide association studies in multiethnic Asians identifies two loci for age-related nuclear cataract. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6119-28	5.5	28
39	Undercorrection of refractive error and cognitive function: the Beijing Eye Study 2011. <i>Acta Ophthalmologica</i> , <b>2014</b> , 92, e332-4	3.5	5
38	Myopic maculopathy imaged by optical coherence tomography: the Beijing eye study. <i>Ophthalmology</i> , <b>2014</b> , 121, 220-224	7	60
37	Body height, estimated cerebrospinal fluid pressure and open-angle glaucoma. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e86678	3.6	36
36	Snoring and glaucoma. <i>PLoS ONE</i> , <b>2014</b> , 9, e88949	3.6	1
35	Diabetic retinopathy and estimated cerebrospinal fluid pressure. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e96273	3.6	18
34	Ocular hypertension: general characteristics and estimated cerebrospinal fluid pressure. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e100533	3.6	17
33	Intraocular pressure and estimated cerebrospinal fluid pressure. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e104267	3.6	12
32	Ten-year cumulative incidence of diabetic retinopathy. The Beijing Eye Study 2001/2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e111320	3.6	41
31	Subfoveal choroidal thickness in retinal vein occlusion. <i>Ophthalmology</i> , <b>2013</b> , 120, 2749-2750	7	30
30	Localized retinal nerve fiber layer defects and arterial hypertension. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 511-7	2.1	25
29	Retinal nerve fiber layer thickness. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2013</b> , 8, e66763	3.6	31
28	Asymptomatic polyvascular abnormalities in community (APAC) study in China: objectives, design and baseline characteristics. <i>PLoS ONE</i> , <b>2013</b> , 8, e84685	3.6	50
27	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , <b>2012</b> , 44, 1142-1146	35.2	160
26	Beijing Eye Public Health Care Project. <i>Ophthalmology</i> , <b>2012</b> , 119, 1167-74	7	17
25	Neuroretinal rim area and body mass index. <i>PLoS ONE</i> , <b>2012</b> , 7, e30104	3.6	19
24	Prevalence and associations of steep cornea/keratoconus in Greater Beijing. The Beijing Eye Study. <i>PLoS ONE</i> , <b>2012</b> , 7, e39313	3.6	47
23	Anthropomorphic measurements and general and ocular parameters in adult Chinese: the Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2011</b> , 89, 442-7	3.5	10

22	Possible pathogenic role of Brain-Derived Neurotrophic Factor (BDNF) in glaucoma-like optic neuropathy in patients with intracranial tumours. Reply. <i>Acta Ophthalmologica</i> , <b>2011</b> , 89, e475-e476	3.5	
21	Association between asymmetry in cataract and asymmetry in age-related macular degeneration. The Beijing Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2011</b> , 249, 981-5	3.7	13
20	Associations between gender, ocular parameters and diseases: the Beijing Eye study. <i>Ophthalmic Research</i> , <b>2011</b> , 45, 197-203	2.8	15
19	Prevalence of glaucoma in North China: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2010</b> , 150, 917-24	4.7	151
18	Level of education associated with ophthalmic diseases. The Beijing Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2010</b> , 248, 49-57	3.7	17
17	Refractive error, ocular and general parameters and ophthalmic diseases. The Beijing Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2010</b> , 248, 721-9	3.7	9
16	Mortality and ocular diseases: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2009</b> , 116, 732-8	7	36
15	Prevalence of alcohol consumption and risk of ocular diseases in a general population: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2009</b> , 116, 1872-9	7	41
14	The Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2009</b> , 87, 247-61	3.5	65
13	Ocular hypertension and diabetes mellitus in the Beijing Eye Study. <i>Journal of Glaucoma</i> , <b>2009</b> , 18, 21-5	2	7
12	Posterior vitreous contraction after cerebral sinus thrombosis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2009</b> , 40, 600-1	1.3	1
11	Anterior chamber depth and chamber angle and their associations with ocular and general parameters: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2008</b> , 145, 929-36	4.7	166
10	Prevalence of arterial hypertension in the adult population in rural and urban China: the Beijing eye study. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 1117-23	2.1	20
9	Age-related macular degeneration and mortality: the Beijing eye study. <i>Ophthalmologica</i> , <b>2008</b> , 222, 378-9	3.6	12
8	Central corneal thickness and glaucoma in adult Chinese: the Beijing Eye Study. <i>Journal of Glaucoma</i> , <b>2008</b> , 17, 647-53	2	23
7	Cataract and mortality. The Beijing eye study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 615-7	3.7	8
6	Retinopathy and mortality. The Beijing Eye Study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 923-5	3.7	10
5	Characteristics of highly myopic eyes: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 121-6	7	134

4	High myopia and glaucoma susceptibility the Beijing Eye Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 216-20	7	400
3	Intraocular pressure correlated with arterial blood pressure: the beijing eye study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 461-2	4-7	92
2	Differences in parapapillary atrophy between glaucomatous and normal eyes: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 541-6	4-7	52
1	Retinal vein occlusions and mortality: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 972-3	4-7	31