

# Liang Xu

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9791305/liang-xu-publications-by-citations.pdf>

**Version:** 2023-06-06

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	High myopia and glaucoma susceptibility the Beijing Eye Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 216-20	7	400
110	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
109	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
108	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
107	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
106	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
105	Characteristics of highly myopic eyes: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2007</b> , 114, 121-6	7	134
104	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
103	Prevalence and associated factors of myopia in high-school students in Beijing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120764	3.64	96
102	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
101	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
100	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
99	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
98	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
97	Retinal Thickness and Axial Length <b>2016</b> , 57, 1791-7		67
96	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
95	The Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2009</b> , 87, 247-61	3.5	65

94	Myopic maculopathy imaged by optical coherence tomography: the Beijing eye study. <i>Ophthalmology</i> , <b>2014</b> , 121, 220-224	7	60
93	Ten-Year Progression of Myopic Maculopathy: The Beijing Eye Study 2001-2011. <i>Ophthalmology</i> , <b>2018</b> , 125, 1253-1263	7	57
92	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
91	Peripapillary Choroidal Thickness in Adult Chinese: The Beijing Eye Study <b>2015</b> , 56, 4045-52		52
90	Fundus Tessellation: Prevalence and Associated Factors: The Beijing Eye Study 2011. <i>Ophthalmology</i> , <b>2015</b> , 122, 1873-80	7	52
89	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
88	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
87	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
86	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
85	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
84	Parapapillary Gamma Zone and Axial Elongation-Associated Optic Disc Rotation: The Beijing Eye Study <b>2016</b> , 57, 396-402		44
83	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
82	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
81	Acute Peripapillary Retinal Pigment Epithelium Changes Associated with Acute Intraocular Pressure Elevation. <i>Ophthalmology</i> , <b>2015</b> , 122, 2022-8	7	38
80	Macular Bruch's Membrane Length and Axial Length. The Beijing Eye Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136833	3.6	38
79	Optic Disc - Fovea Angle: The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141771	3.6	37
78	Mortality and ocular diseases: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2009</b> , 116, 732-8	7	36
77	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

76	Localized retinal nerve fiber layer defects and stroke. <i>Stroke</i> , <b>2014</b> , 45, 1651-6	6.5	35
75	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
74	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
73	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
72	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
71	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
70	Retinal nerve fiber layer thickness. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2013</b> , 8, e66763	3.6	31
69	Retinal vein occlusions and mortality: the Beijing Eye Study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 972-3	4.7	31
68	Subfoveal choroidal thickness in retinal vein occlusion. <i>Ophthalmology</i> , <b>2013</b> , 120, 2749-2750	7	30
67	Education-Related Parameters in High Myopia: Adults versus School Children. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154554	5.5	30
66	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
65	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
64	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
63	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
62	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
61	High myopia in Greater Beijing School Children in 2016. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187396	3.6	25
60	Polypoidal choroidal vasculopathy in adult chinese: the Beijing Eye Study. <i>Ophthalmology</i> , <b>2014</b> , 121, 2290-1	7	25
59	Localized retinal nerve fiber layer defects and arterial hypertension. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 511-7	2.1	25

58	Intraocular pressure elevation and choroidal thinning. <i>British Journal of Ophthalmology</i> , <b>2016</b> , 100, 1676-1681	4.5	24
57	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
56	Optical Coherence Tomography Angiography Vessel Density Changes after Acute Intraocular Pressure Elevation. <i>Scientific Reports</i> , <b>2018</b> , 8, 6024	4.7	22
55	Cognitive Function and Ophthalmological Diseases: The Beijing Eye Study. <i>Scientific Reports</i> , <b>2018</b> , 8, 4816	4.7	22
54	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
53	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
52	Parapapillary Gamma Zone and Progression of Myopia in School Children: The Beijing Children Eye Study <b>2018</b> , 59, 1609-1616		20
51	Neuroretinal rim area and body mass index. <i>PLoS ONE</i> , <b>2012</b> , 7, e30104	3.6	19
50	Self-rated depression and eye diseases: The Beijing Eye Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202132	3.6	18
49	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
48	Diabetic retinopathy and estimated cerebrospinal fluid pressure. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e96273	3.6	18
47	Beijing Eye Public Health Care Project. <i>Ophthalmology</i> , <b>2012</b> , 119, 1167-74	7	17
46	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
45	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
44	Associations between gender, ocular parameters and diseases: the Beijing Eye study. <i>Ophthalmic Research</i> , <b>2011</b> , 45, 197-203	2.8	15
43	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
42	Optic Disc Ovality in Primary School Children in Beijing <b>2015</b> , 56, 4547-53		13
41	Subfoveal choroidal thickness and glaucoma. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e107321	3.6	13

40	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
39	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
38	Age-related macular degeneration and mortality: the Beijing eye study. <i>Ophthalmologica</i> , <b>2008</b> , 222, 378-9	3.6	12
37	Intraocular pressure and estimated cerebrospinal fluid pressure. The Beijing Eye Study 2011. <i>PLoS ONE</i> , <b>2014</b> , 9, e104267	3.6	12
36	Cyclic stretch induced-retinal pigment epithelial cell apoptosis and cytokine changes. <i>BMC Ophthalmology</i> , <b>2017</b> , 17, 208	2.3	11
35	Cognitive Function and Subfoveal Choroidal Thickness: The Beijing Eye Study. <i>Ophthalmology</i> , <b>2016</b> , 123, 220-2	7	11
34	Parapapillary Beta Zone and Gamma Zone in a Healthy Population: The Beijing Eye Study 2011 <b>2018</b> , 59, 3320-3329		11
33	Retinal oxygen saturation in Chinese adolescents. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, e54-e61	3.5	11
32	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
31	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
30	Physical activity and eye diseases. The Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, 325-331	3.5	10
29	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
28	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
27	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
26	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
25	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
24	Subfoveal choroidal thickness and cataract: the Beijing Eye Study 2011. <i>Investigative Ophthalmology and Visual Science</i> , <b>2015</b> , 56, 810-5		7
23	Ocular hypertension and diabetes mellitus in the Beijing Eye Study. <i>Journal of Glaucoma</i> , <b>2009</b> , 18, 21-5	2	7

22	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
21	Ten-Year Incidence of Retinal Nerve Fiber Layer Defects: The Beijing Eye Study 2001/2011 <b>2015</b> , 56, 5118-24		6
20	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
19	Choroidal thickness in Chinese patients with non-arteritic anterior ischemic optic neuropathy. <i>BMC Ophthalmology</i> , <b>2016</b> , 16, 153	2.3	6
18	Systemic inflammation and eye diseases. The Beijing Eye Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204263	3.6	6
17	Chronic Kidney Disease and Eye Diseases: The Beijing Eye Study. <i>Ophthalmology</i> , <b>2017</b> , 124, 1566-1569	7	5
16	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
15	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
14	Peripapillary choroidal vascular layers: the Beijing Eye Study. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, 619-628	3.5	3
13	Automatic detection of arteriovenous nicking in retinal images <b>2016</b> ,		2
12	An automatic evaluation method for retinal image registration <b>2017</b> ,		2
11	The relationship between Subfoveal Choroidal Thickness and Hypertensive Retinopathy. <i>Scientific Reports</i> , <b>2021</b> , 11, 5460	4.7	2
10	POSTERIOR FUNDUS HEMORRHAGES: Frequency and Associated Factors: The Beijing Eye Study. <i>Retina</i> , <b>2019</b> , 39, 1206-1215	3.4	2
9	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
8	Snoring and glaucoma. <i>PLoS ONE</i> , <b>2014</b> , 9, e88949	3.6	1
7	Posterior vitreous contraction after cerebral sinus thrombosis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2009</b> , 40, 600-1	1.3	1
6	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
5	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

- 4 10-year fundus tessellation progression and retinal vein occlusion. *International Journal of Ophthalmology*, **2018**, 11, 1192-1197 1.4 ○
- 3 Possible pathogenic role of Brain-Derived Neurotrophic Factor (BDNF) in glaucoma-like optic neuropathy in patients with intracranial tumours. Reply. *Acta Ophthalmologica*, **2011**, 89, e475-e476 3.5
- 2 Myelinated Retinal Nerve Fiber Progression in a 10-Year Follow-Up. The Beijing Eye Study 2001/2011. *American Journal of Ophthalmology*, **2021**, 230, 68-74 4.7
- 1 Reply. *Ophthalmology*, **2016**, 123, e64-e65 7