

# Wen Bin Wei

## List of Publications by Year in descending order

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89  
papers

3,811  
citations

201674

27  
h-index

161849

54  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5762  
citing authors

#	ARTICLE	IF	CITATIONS
1	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
2	Subfoveal Choroidal Thickness: The Beijing Eye Study. <i>Ophthalmology</i> , 2013, 120, 175-180.	5.2	487
3	Vascular Density in Retina and Choriocapillaris as Measured by Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2016, 168, 95-109.	3.3	177
4	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. <i>Human Molecular Genetics</i> , 2017, 26, 1770-1784.	2.9	135
5	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
6	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	21.4	112
7	PREVALENCE AND TIME TRENDS OF MYOPIA IN CHILDREN AND ADOLESCENTS IN CHINA. <i>Retina</i> , 2020, 40, 399-411.	1.7	106
8	Ten-Year Progression of Myopic Maculopathy. <i>Ophthalmology</i> , 2018, 125, 1253-1263.	5.2	102
9	Retinal Thickness and Axial Length. , 2016, 57, 1791.		95
10	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	2.5	94
11	Visual Acuity and Subfoveal Choroidal Thickness: The Beijing Eye Study. <i>American Journal of Ophthalmology</i> , 2014, 158, 702-709.e1.	3.3	85
12	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85
13	Fundus Tessellation: Prevalence and Associated Factors. <i>Ophthalmology</i> , 2015, 122, 1873-1880.	5.2	82
14	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	12.8	75
15	Peripapillary Choroidal Thickness in Adult Chinese: The Beijing Eye Study. , 2015, 56, 4045.		71
16	Parapapillary Gamma Zone and Axial Elongation-Associated Optic Disc Rotation: The Beijing Eye Study. , 2016, 57, 396.		60
17	Intraocular pressure and its normal range adjusted for ocular and systemic parameters. <i>The Beijing Eye Study 2011. PLoS ONE</i> , 2018, 13, e0196926.	2.5	59
18	Macular Choroidal Small-Vessel Layer, Sattler's Layer and Haller's Layer Thicknesses: The Beijing Eye Study. <i>Scientific Reports</i> , 2018, 8, 4411.	3.3	58

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19	Ten-Year Cumulative Incidence of Diabetic Retinopathy. The Beijing Eye Study 2001/2011. PLoS ONE, 2014, 9, e111320.	2.5	56
20	Asymptomatic Polyvascular Abnormalities in Community (APAC) Study in China: Objectives, Design and Baseline Characteristics. PLoS ONE, 2013, 8, e84685.	2.5	54
21	Localized Retinal Nerve Fiber Layer Defects and Stroke. Stroke, 2014, 45, 1651-1656.	2.0	53
22	Macular Bruch's Membrane Length and Axial Length. The Beijing Eye Study. PLoS ONE, 2015, 10, e0136833.	2.5	53
23	Size and Shape of Bruch's Membrane Opening in Relationship to Axial Length, Gamma Zone, and Macular Bruch's Membrane Defects. , 2019, 60, 2591.		52
24	Artificial Intelligence for Screening of Multiple Retinal and Optic Nerve Diseases. JAMA Network Open, 2022, 5, e229960.	5.9	45
25	Artificial intelligence for the detection of age-related macular degeneration in color fundus photographs: A systematic review and meta-analysis. EClinicalMedicine, 2021, 35, 100875.	7.1	38
26	Polypoidal Choroidal Vasculopathy in Adult Chinese: The Beijing Eye Study. Ophthalmology, 2014, 121, 2290-2291.	5.2	36
27	Subfoveal Choroidal Thickness in Retinal Vein Occlusion. Ophthalmology, 2013, 120, 2749-2750.	5.2	35
28	Optical Coherence Tomography Angiography Vessel Density Changes after Acute Intraocular Pressure Elevation. Scientific Reports, 2018, 8, 6024.	3.3	34
29	The relationship between scleral staphyloma and choroidal thinning in highly myopic eyes: The Beijing Eye Study. Scientific Reports, 2017, 7, 9825.	3.3	31
30	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	2.9	31
31	Retinal Vessel Diameter and Estimated Cerebrospinal Fluid Pressure in Arterial Hypertension: The Beijing Eye Study. American Journal of Hypertension, 2014, 27, 1170-1178.	2.0	30
32	Intraocular pressure elevation and choroidal thinning. British Journal of Ophthalmology, 2016, 100, 1676-1681.	3.9	30
33	Self-rated depression and eye diseases: The Beijing Eye Study. PLoS ONE, 2018, 13, e0202132.	2.5	30
34	Optical coherence tomography angiography in retinal vein occlusions. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1615-1622.	1.9	28
35	Bruch's Membrane Thickness and Retinal Pigment Epithelium Cell Density in Experimental Axial Elongation. Scientific Reports, 2019, 9, 6621.	3.3	28
36	Physical activity and eye diseases. The Beijing Eye Study. Acta Ophthalmologica, 2019, 97, 325-331.	1.1	28

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37	Horizontal and vertical optic disc rotation. The Beijing Eye Study. PLoS ONE, 2017, 12, e0175749.	2.5	27
38	Cognitive Function and Ophthalmological Diseases: The Beijing Eye Study. Scientific Reports, 2018, 8, 4816.	3.3	27
39	Ocular Axial Length and Diabetic Retinopathy: The Kailuan Eye Study. , 2019, 60, 3689.		25
40	Oncogenic GNAQ and GNA11 Mutations in Uveal Melanoma in Chinese. PLoS ONE, 2014, 9, e109699.	2.5	22
41	POLYPOIDAL CHOROIDAL VASCULOPATHY UPON OPTICAL COHERENCE TOMOGRAPHIC ANGIOGRAPHY. Retina, 2018, 38, 1187-1194.	1.7	22
42	Parapapillary Beta Zone and Gamma Zone in a Healthy Population: The Beijing Eye Study 2011. , 2018, 59, 3320.		22
43	Amphiregulin and ocular axial length. Acta Ophthalmologica, 2019, 97, e460-e470.	1.1	22
44	Repeatability and Reproducibility of Quantitative Assessment of the Retinal Microvasculature Using Optical Coherence Tomography Angiography Based on Optical Microangiography. Biomedical and Environmental Sciences, 2018, 31, 407-412.	0.2	22
45	Clinical Characteristics of 582 Patients with Uveal Melanoma in China. PLoS ONE, 2015, 10, e0144562.	2.5	20
46	Microvascular retinal changes in pre-clinical diabetic retinopathy as detected by optical coherence tomographic angiography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 513-520.	1.9	20
47	Quantitative Assessment of Fundus Tessellated Density and Associated Factors in Fundus Images Using Artificial Intelligence. Translational Vision Science and Technology, 2021, 10, 23.	2.2	20
48	Blockade of epidermal growth factor and its receptor and axial elongation in experimental myopia. FASEB Journal, 2020, 34, 13654-13670.	0.5	16
49	Asymptomatic carotid artery stenosis and retinal nerve fiber layer thickness. A community-based, observational study. PLoS ONE, 2017, 12, e0177277.	2.5	15
50	High myopia as risk factor for the 10-year incidence of open-angle glaucoma in the Beijing Eye Study. British Journal of Ophthalmology, 2023, 107, 935-940.	3.9	15
51	Subfoveal Choroidal Thickness and Glaucoma. The Beijing Eye Study 2011. PLoS ONE, 2014, 9, e107321.	2.5	14
52	Conversion of central serous chorioretinopathy to polypoidal choroidal vasculopathy. Acta Ophthalmologica, 2015, 93, e512-4.	1.1	14
53	Deep Learning-Based Estimation of Axial Length and Subfoveal Choroidal Thickness From Color Fundus Photographs. Frontiers in Cell and Developmental Biology, 2021, 9, 653692.	3.7	14
54	Cognitive Function and Subfoveal Choroidal Thickness: The Beijing Eye Study. Ophthalmology, 2016, 123, 220-222.	5.2	13

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55	Prevalence and Risk Factors of Epiretinal Membranes in a Chinese Population: The Kailuan Eye Study. , 2020, 61, 37.		13
56	Thickness of individual layers at the macula and associated factors: the Beijing Eye Study 2011. BMC Ophthalmology, 2020, 20, 49.	1.4	13
57	Long-term Progression and Risk Factors of Fundus Tessellation in the Beijing Eye Study. Scientific Reports, 2018, 8, 10625.	3.3	12
58	Chronic Kidney Disease and Eye Diseases: The Beijing Eye Study. Ophthalmology, 2017, 124, 1566-1569.	5.2	11
59	Systemic inflammation and eye diseases. The Beijing Eye Study. PLoS ONE, 2018, 13, e0204263.	2.5	11
60	REAL-WORLD EFFECTIVENESS AND SAFETY OF RANIBIZUMAB TREATMENT IN PATIENTS WITH AND WITHOUT POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2020, 40, 1529-1539.	1.7	10
61	Retinal vein occlusion and chronic kidney disease: A meta-analysis. European Journal of Ophthalmology, 2020, 31, 112067212093766.	1.3	10
62	The relationship between Subfoveal Choroidal Thickness and Hypertensive Retinopathy. Scientific Reports, 2021, 11, 5460.	3.3	10
63	Carotid Atherosclerosis, Cerebrospinal Fluid Pressure, and Retinal Vessel Diameters: The Asymptomatic Polyvascular Abnormalities in Community Study. PLoS ONE, 2016, 11, e0166993.	2.5	10
64	Subfoveal Choroidal Thickness and Cataract: The Beijing Eye Study 2011. Investigative Ophthalmology and Visual Science, 2015, 56, 810-815.	3.3	8
65	Clinical and histopathological features of adenomas of the ciliary pigment epithelium. Acta Ophthalmologica, 2016, 94, e637-e643.	1.1	8
66	Optical coherence tomography angiography in idiopathic choroidal neovascularization. Acta Ophthalmologica, 2016, 94, 415-417.	1.1	8
67	Prevalence and associations of central serous chorioretinopathy in elderly Chinese. The Beijing Eye Study 2011. Acta Ophthalmologica, 2016, 94, 386-390.	1.1	8
68	Ten-year cumulative incidence of epiretinal membranes assessed on fundus photographs. The Beijing Eye Study 2001/2011. PLoS ONE, 2018, 13, e0195768.	2.5	8
69	<p></p>A Review of MicroRNA in Uveal Melanoma</p>. OncoTargets and Therapy, 2020, Volume 13, 6351-6359.	2.0	8
70	Albuminuria and retinal vessel density in diabetes without diabetic retinopathy: the Kailuan Eye Study. Acta Ophthalmologica, 2021, 99, e669-e678.	1.1	8
71	Change in the ophthalmoscopic optic disc size and shape in a 10-year follow-up: the Beijing Eye Study 2001-2011. British Journal of Ophthalmology, 2021, , bjophthalmol-2021-319632.	3.9	7
72	Retinal nerve fibre layer thickness in association with gamma zone width and disc-fovea distance. Acta Ophthalmologica, 2022, , .	1.1	6

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73	Peripapillary choroidal vascular layers: the Beijing Eye Study. <i>Acta Ophthalmologica</i> , 2017, 95, 619-628.	1.1	5
74	Prediction of the Fundus Tessellation Severity With Machine Learning Methods. <i>Frontiers in Medicine</i> , 2022, 9, 817114.	2.6	5
75	Density of the macular and radial peripapillary capillary network measured by optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2017, 95, e511-e512.	1.1	4
76	&lt;p&gt;Research Progress of Cancer Stem Cells in Uveal Melanoma&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 12243-12252.	2.0	4
77	Parapapillary gamma zone enlargement in a 10-year follow-up: the Beijing Eye Study 2001â€“2011. <i>Eye</i> , 2022, , .	2.1	4
78	Progression and associated factors of lacquer cracks/patchy atrophies in high myopia: the Beijing Eye Study 2001â€“2011. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 0, , .	1.9	4
79	Ocular size and shape in lens-induced Myopization in young Guinea pigs. <i>BMC Ophthalmology</i> , 2019, 19, 102.	1.4	3
80	Prevalence, risk factors and associated ocular diseases of cerebral stroke: the population-based Beijing Eye Study. <i>BMJ Open</i> , 2020, 10, e024646.	1.9	3
81	In vivo Imaging of Retina and Choroid in Guinea Pigs. <i>Frontiers in Medicine</i> , 2021, 8, 730494.	2.6	3
82	POSTERIOR FUNDUS HEMORRHAGES. <i>Retina</i> , 2019, 39, 1206-1215.	1.7	2
83	Lens-induced myopization and intraocular pressure in young guinea pigs. <i>BMC Ophthalmology</i> , 2020, 20, 343.	1.4	2
84	Prevalence and Associations of Vitreomacular Traction: The Beijing Eye Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 7059-7064.	1.8	2
85	Thickness of retinal pigment epitheliumâ€™s Bruchâ€™s membrane complex in adult Chinese using optical coherence tomography. <i>Eye</i> , 2023, 37, 155-159.	2.1	2
86	Using spectral-domain optical coherence tomography to evaluate the type and thickness of interdigitation zone band in adult Chinese. <i>Scientific Reports</i> , 2018, 8, 12253.	3.3	1
87	Case Report: Focal Choroidal Excavation Underlying Combined Hamartoma of the Retina and Retinal Pigment Epithelium. <i>Optometry and Vision Science</i> , 2019, 96, 233-235.	1.2	1
88	Reply. <i>Ophthalmology</i> , 2016, 123, e64-e65.	5.2	0
89	Myelinated Retinal Nerve Fiber Progression in a 10-Year Follow-Up. <i>The Beijing Eye Study 2001/2011. American Journal of Ophthalmology</i> , 2021, 230, 68-74.	3.3	0