

Huaizhou Wang

List of Publications by Year in Descending Order

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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.

66

papers

997

citations

15

h-index

30

g-index

78

ext. papers

1,236

ext. citations

4.6

avg, IF

3.89

L-index

#	Paper	IF	Citations
66	Pulsatile Trabecular Meshwork Motion: An Indicator of Intraocular Pressure Control in Primary Open-Angle Glaucoma. <i>Journal of Clinical Medicine</i> , 2022 , 11, 2696	5.1	0
65	Outcomes of gonioscopy-assisted transluminal trabeculotomy in juvenile-onset primary open-angle glaucoma. <i>Eye</i> , 2021 , 35, 2848-2854	4.4	4
64	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
63	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
62	Relationship between corneal stiffness parameters and lamina cribrosa curvature in normal tension glaucoma. <i>European Journal of Ophthalmology</i> , 2021 , 31, 3049-3056	1.9	1
61	A hierarchical deep learning approach with transparency and interpretability based on small samples for glaucoma diagnosis. <i>Npj Digital Medicine</i> , 2021 , 4, 48	15.7	4
60	Comparison of ocular axis and corneal diameter between entropion and non-entropion eyes in children with congenital glaucoma. <i>World Journal of Clinical Cases</i> , 2021 , 9, 4637-4643	1.6	
59	Altered coupling of cerebral blood flow and functional connectivity strength in visual and higher order cognitive cortices in primary open angle glaucoma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 901-913	7.3	11
58	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
57	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	
56	Altered information flow and microstructure abnormalities of visual cortex in normal-tension glaucoma: Evidence from resting-state fMRI and DKI. <i>Brain Research</i> , 2020 , 1741, 146874	3.7	7
55	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
54	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
53	Repeatability and agreement of two anterior segment OCT in myopic patients before implantable collamer lenses implantation. <i>International Journal of Ophthalmology</i> , 2020 , 13, 625-631	1.4	5
52	Circadian Rhythm and the Physiology and Pathology of Eye. <i>Advances in Visual Science and Eye Diseases</i> , 2020 , 53-58	0.1	
51	Glaucomatous Injury of Central Nerve System: The Role of Neuroimaging Technology in the Understanding of Disease. <i>Advances in Visual Science and Eye Diseases</i> , 2020 , 45-49	0.1	
50	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

49	Intermediate outcomes of ab externo circumferential trabeculotomy and canaloplasty in POAG patients with prior incisional glaucoma surgery. <i>BMC Ophthalmology</i> , 2020 , 20, 389	2.3	2
48	The Relationship Between Nailfold Microcirculation and Retinal Microcirculation in Healthy Subjects. <i>Frontiers in Physiology</i> , 2020 , 11, 880	4.6	2
47	Long-term follow-up of optic neuropathy in chronic low cerebrospinal fluid pressure monkeys: the Beijing Intracranial and Intraocular Pressure (iCOP) Study. <i>Science China Life Sciences</i> , 2020 , 63, 1762-1765	8.5	3
46	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 2020 , 15, e0227602		
45	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 2020 , 15, e0227602		
44	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 2020 , 15, e0227602		
43	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 2020 , 15, e0227602		
42	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 2020 , 15, e0227602		
41	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 2020 , 15, e0227602		
40	Development and Validation of a Deep Learning System to Detect Glaucomatous Optic Neuropathy Using Fundus Photographs. <i>JAMA Ophthalmology</i> , 2019 , 137, 1353-1360	3.9	97
39	Combined machine learning and diffusion tensor imaging reveals altered anatomic fiber connectivity of the brain in primary open-angle glaucoma. <i>Brain Research</i> , 2019 , 1718, 83-90	3.7	7
38	Macular retinal thickness and flow density change by optical coherence tomography angiography after posterior scleral reinforcement. <i>Science China Life Sciences</i> , 2019 , 62, 930-936	8.5	5
37	Body Mass Index and Primary Open-Angle Glaucoma. <i>Advances in Visual Science and Eye Diseases</i> , 2019 , 287-290	0.1	
36	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
35	Microcatheter-assisted Trabeculotomy for Primary Congenital Glaucoma After Failed Glaucoma Surgeries. <i>Journal of Glaucoma</i> , 2019 , 28, 1-6	2.1	5
34	Noninvasive evaluation of cerebrospinal fluid pressure in ocular hypertension: a preliminary study. <i>Acta Ophthalmologica</i> , 2018 , 96, e570-e576	3.7	5
33	Mechanism of the reconstruction of aqueous outflow drainage. <i>Science China Life Sciences</i> , 2018 , 61, 534-540	8.5	10
32	Reduced Functional and Anatomic Interhemispheric Homotopic Connectivity in Primary Open-Angle Glaucoma: A Combined Resting State-fMRI and DTI Study 2018 , 59, 1861-1868		12

31	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
30	Diagnostic ability of ganglion cell complex thickness to detect glaucoma in high myopia eyes by Fourier domain optical coherence tomography. <i>International Journal of Ophthalmology</i> , 2018 , 11, 791-796	1.4	13
29	Evolution of canaloplasty and its direction. <i>Science Bulletin</i> , 2018 , 63, 1532-1533	10.6	
28	Reduced Cerebral Blood Flow in the Visual Cortex and Its Correlation With Glaucomatous Structural Damage to the Retina in Patients With Mild to Moderate Primary Open-angle Glaucoma. <i>Journal of Glaucoma</i> , 2018 , 27, 816-822	2.1	14
27	Aqueous Angiography in Living Nonhuman Primates Shows Segmental, Pulsatile, and Dynamic Angiographic Aqueous Humor Outflow. <i>Ophthalmology</i> , 2017 , 124, 793-803	7.3	55
26	Imaging collector channel entrance with a new intraocular micro-probe swept-source optical coherence tomography. <i>Acta Ophthalmologica</i> , 2017 , 95, 602-607	3.7	5
25	Regulation of Reentrainment Function Is Dependent on a Certain Minimal Number of Intact Functional ipRGCs in rd Mice. <i>Journal of Ophthalmology</i> , 2017 , 2017, 6804853	2	4
24	Outcomes of microcatheter-assisted trabeculotomy following failed angle surgeries in primary congenital glaucoma. <i>Eye</i> , 2017 , 31, 132-139	4.4	16
23	gene involved in pathogenesis of a Chinese family with Bardet-Biedl syndrome. <i>Oncotarget</i> , 2017 , 8, 86718-86725	3.3	3
22	Association of three single nucleotide polymorphisms at the SIX1-SIX6 locus with primary open angle glaucoma in the Chinese population. <i>Science China Life Sciences</i> , 2016 , 59, 694-9	8.5	11
21	Comparison of time-domain, spectral-domain and swept-source OCT in evaluating aqueous cells in vitro. <i>Science China Life Sciences</i> , 2016 , 59, 1319-1323	8.5	5
20	Pressure balance and imbalance in the optic nerve chamber: The Beijing Intracranial and Intraocular Pressure (iCOP) Study. <i>Science China Life Sciences</i> , 2016 , 59, 495-503	8.5	21
19	Intracranial pressure (ICP) and optic nerve subarachnoid space pressure (ONSP) correlation in the optic nerve chamber: the Beijing Intracranial and Intraocular Pressure (iCOP) study. <i>Brain Research</i> , 2016 , 1635, 201-8	3.7	48
18	Microcatheter-assisted trabeculotomy versus rigid probe trabeculotomy in childhood glaucoma. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1257-62	5.5	28
17	Modified Canaloplasty: A New, Effective, and Safe Option for Glaucoma Patients With a Disrupted Schlemm Canal Wall. <i>Journal of Glaucoma</i> , 2016 , 25, 798-801	2.1	9
16	One-year interim comparison of canaloplasty in primary open-angle glaucoma following failed filtering surgery with primary canaloplasty. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1692-1696	5.5	7
15	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016 , 48, 556-62	36.3	109
14	Intracranial pressure fluctuations: a potential risk factor for glaucoma?. <i>Acta Ophthalmologica</i> , 2015 , 93, e84-5	3.7	3

13	The short-term effects of exercise on intraocular pressure, choroidal thickness and axial length. <i>PLoS ONE</i> , 2014 , 9, e104294	3.7	16
12	Optic neuropathy induced by experimentally reduced cerebrospinal fluid pressure in monkeys 2014 , 55, 3067-73		103
11	Valsalva manoeuver, intra-ocular pressure, cerebrospinal fluid pressure, optic disc topography: Beijing intracranial and intra-ocular pressure study. <i>Acta Ophthalmologica</i> , 2014 , 92, e475-80	3.7	50
10	Glaucoma considered as an imbalance between production and clearance of neurotoxins 2014 , 55, 5353		3
9	Vitrectomy combined with periocular/intravitreal injection of steroids for rhegmatogenous retinal detachment associated with choroidal detachment. <i>Retina</i> , 2014 , 34, 136-41	3.6	18
8	Author response: Optic neuropathy secondary to spontaneous intracranial hypotension (SIH) as related to experimental primate model 2014 , 55, 6177		
7	Noninvasive intracranial pressure estimation by orbital subarachnoid space measurement: the Beijing Intracranial and Intraocular Pressure (iCOP) study. <i>Critical Care</i> , 2013 , 17, R162	10.8	83
6	Controlling the number of melanopsin-containing retinal ganglion cells by early light exposure. <i>Experimental Eye Research</i> , 2013 , 111, 17-26	3.7	5
5	Efficacy of vitrectomy with triamcinolone assistance versus internal limiting membrane peeling for highly myopic macular hole retinal detachment. <i>Retina</i> , 2013 , 33, 1151-7	3.6	11
4	Changes in the circadian rhythm in patients with primary glaucoma. <i>PLoS ONE</i> , 2013 , 8, e62841	3.7	32
3	Pigment dispersion secondary to anterior chamber angle recession. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2012 , 250, 779-80	3.8	
2	Detection of early neuron degeneration and accompanying glial responses in the visual pathway in a rat model of acute intraocular hypertension. <i>Brain Research</i> , 2009 , 1303, 131-43	3.7	80
1	Loss of melanopsin-containing retinal ganglion cells in a rat glaucoma model. <i>Chinese Medical Journal</i> , 2008 , 121, 1015-1019	2.9	28