Diya Yang

List of Publications by Year
in descending order

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46	1,614	361413 20	361022 35
papers	citations	h-index	g-index

47	47	47	1590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development and Validation of a Deep Learning System to Detect Glaucomatous Optic Neuropathy Using Fundus Photographs. JAMA Ophthalmology, 2019, 137, 1353.	2.5	188
2	Orbital Cerebrospinal Fluid Space in Glaucoma: The Beijing Intracranial and Intraocular Pressure (iCOP) Study. Ophthalmology, 2012, 119, 2065-2073.e1.	5.2	136
3	Optic Neuropathy Induced by Experimentally Reduced Cerebrospinal Fluid Pressure in Monkeys. , 2014, 55, 3067.		113
4	Facts and myths of cerebrospinal fluid pressure for the physiology ofÂthe eye. Progress in Retinal and Eye Research, 2015, 46, 67-83.	15.5	108
5	Noninvasive intracranial pressure estimation by orbital subarachnoid space measurement: the Beijing Intracranial and Intraocular Pressure (iCOP) study. Critical Care, 2013, 17, R162.	5.8	102
6	Detection of early neuron degeneration and accompanying glial responses in the visual pathway in a rat model of acute intraocular hypertension. Brain Research, 2009, 1303, 131-143.	2.2	95
7	Ganglion Cell Complex Thickness and Macular Vessel Density Loss in Primary Open-Angle Glaucoma. Ophthalmology, 2020, 127, 1043-1052.	5.2	77
8	Structural brain alterations in primary open angle glaucoma: a 3T MRI study. Scientific Reports, 2016, 6, 18969.	3.3	75
9	Aqueous Angiography in Living Nonhuman Primates Shows Segmental, Pulsatile, and Dynamic Angiographic Aqueous Humor Outflow. Ophthalmology, 2017, 124, 793-803.	5.2	68
10	Trans-Lamina Cribrosa Pressure Difference and Open-Angle Glaucoma. The Central India Eye and Medical Study. PLoS ONE, 2013, 8, e82284.	2.5	67
11	Altered Amplitude of Low-Frequency Fluctuation in Primary Open-Angle Glaucoma: A Resting-State fMRI Study. Investigative Ophthalmology and Visual Science, 2015, 56, 322-329.	3.3	61
12	Intracranial pressure (ICP) and optic nerve subarachnoid space pressure (ONSP) correlation in the optic nerve chamber: the Beijing Intracranial and Intraocular Pressure (iCOP) study. Brain Research, 2016, 1635, 201-208.	2.2	56
13	Body Height, Estimated Cerebrospinal Fluid Pressure and Open-Angle Glaucoma. The Beijing Eye Study 2011. PLoS ONE, 2014, 9, e86678.	2.5	45
14	Axonal Transport in the Rat Optic Nerve Following Short-Term Reduction in Cerebrospinal Fluid Pressure or Elevation in Intraocular Pressure. , 2015, 56, 4257.		39
15	Subfoveal Choroidal Thickness and Cerebrospinal Fluid Pressure: The Beijing Eye Study 2011. , 2014, 55, 1292.		37
16	Measurement and Associations of the Optic Nerve Subarachnoid Space in Normal Tension and Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2018, 186, 128-137.	3.3	32
17	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
18	Changes of visual field and optic nerve fiber layer in patients with OSAS. Sleep and Breathing, 2015, 19, 129-134.	1.7	28

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19	Ocular Hypertension: General Characteristics and Estimated Cerebrospinal Fluid Pressure. The Beijing Eye Study 2011. PLoS ONE, 2014, 9, e100533.	2.5	27
20	Translamina Cribrosa Pressure Difference as Potential Element in the Pathogenesis of Glaucomatous Optic Neuropathy. Asia-Pacific Journal of Ophthalmology, 2016, 5, 5-10.	2.5	25
21	Diabetic Retinopathy and Estimated Cerebrospinal Fluid Pressure. The Beijing Eye Study 2011. PLoS ONE, 2014, 9, e96273.	2.5	25
22	Pressure balance and imbalance in the optic nerve chamber: The Beijing Intracranial and Intraocular Pressure (iCOP) Study. Science China Life Sciences, 2016, 59, 495-503.	4.9	24
23	The Short-Term Effects of Exercise on Intraocular Pressure, Choroidal Thickness and Axial Length. PLoS ONE, 2014, 9, e104294.	2.5	22
24	Incident retinal vein occlusions and estimated cerebrospinal fluid pressure. The Beijing Eye Study. Acta Ophthalmologica, 2015, 93, e522-6.	1.1	18
25	Finite element analysis of trans-lamina cribrosa pressure difference on optic nerve head biomechanics: the Beijing Intracranial and Intraocular Pressure Study. Science China Life Sciences, 2020, 63, 1887-1894.	4.9	15
26	Intraocular Pressure and Estimated Cerebrospinal Fluid Pressure. The Beijing Eye Study 2011. PLoS ONE, 2014, 9, e104267.	2.5	15
27	Retinal Vein Pulsation is in Phase with Intracranial Pressure and not Intraocular Pressure. , 2012, 53, 6045.		13
28	Retinal vessel oxygen saturation and vessel diameter in healthy individuals during highâ€altitude exposure. Acta Ophthalmologica, 2019, 97, 279-286.	1.1	12
29	Association Between Arterial Blood Gas Variation and Intraocular Pressure in Healthy Subjects Exposed to Acute Short-Term Hypobaric Hypoxia. Translational Vision Science and Technology, 2019, 8, 22.	2.2	10
30	Noninvasive evaluation of cerebrospinal fluid pressure in ocular hypertension: a preliminary study. Acta Ophthalmologica, 2018, 96, e570-e576.	1.1	9
31	Correlation Between Office-Hour and Peak Nocturnal Intraocular Pressure in Patients Treated with Prostaglandin Analogs. American Journal of Ophthalmology, 2020, 215, 112-117.	3.3	6
32	Comparison of the Effects of Latanoprostene Bunod and Timolol on Retinal Blood Vessel Density: A Randomized Clinical Trial. American Journal of Ophthalmology, 2022, 241, 120-129.	3.3	6
33	Glaucoma and the Role of Cerebrospinal Fluid Dynamics. , 2015, 56, 6632.		5
34	Long-term follow-up of optic neuropathy in chronic low cerebrospinal fluid pressure monkeys: the Beijing Intracranial and Intraocular Pressure (iCOP) Study. Science China Life Sciences, 2020, 63, 1762-1765.	4.9	5
35	The Effect of Lateral Decubitus Position on Nocturnal Intraocular Pressure over a Habitual 24-Hour Period in Healthy Adults. PLoS ONE, 2014, 9, e113590.	2.5	4
36	Normative Values of Retinal Oxygen Saturation in Rhesus Monkeys: The Beijing Intracranial and Intraocular Pressure (iCOP) Study. PLoS ONE, 2016, 11, e0150072.	2.5	4

#	Article	IF	Citations
37	Capillary Density Measured by Optical Coherence Tomography Angiography in Glaucomatous Optic Disc Phenotypes. American Journal of Ophthalmology, 2020, 219, 261-270.	3.3	4
38	Glaucoma Considered as an Imbalance Between Production and Clearance of Neurotoxins. , 2014, 55, 5353.		3
39	Re: LindÃ©n etÂal.: Normal-tension glaucoma has normal intracranial pressure: a prospective study of intracranial pressure and intraocular pressure in different body positions (Ophthalmology.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		1
40	Time to Eliminate â€œNormal Tensionâ€•in Primary Open-Angle Glaucoma. Advances in Visual Science and Eye Diseases, 2019, , 9-12.	0.1	1
41	Author Response: Optic Neuropathy Secondary to Spontaneous Intracranial Hypotension (SIH) as Related to Experimental Primate Model. , 2014, 55, 6177.		0
42	Reply. American Journal of Ophthalmology, 2018, 190, 199-200.	3.3	0
43	Intracranial and Intraocular Pressure Gradient and Glaucoma: A Retrospective Point of View. Advances in Visual Science and Eye Diseases, 2019, , 39-43.	0.1	0
44	Techniques in Measuring Intraocular and Intracranial Pressure Gradients. Advances in Visual Science and Eye Diseases, 2019, , 101-120.	0.1	0
45	Visual Impairment in Astronauts After Long-Duration Space Flight: A Backward of Glaucomatous Optic Neuropathy? Beijing Intracranial and Intraocular Pressure (iCOP) Study. Advances in Visual Science and Eye Diseases, 2019, , 297-300.	0.1	0
46	Understanding Primary Open-Angle Glaucoma from the Perspective Beyond Ophthalmology. Advances in Visual Science and Eye Diseases, 2020, , 17-24.	0.1	0