William H Morgan

List of Publications by Year
in descending order

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61 papers	1,907 citations	361045 20 h-index	315357 38 g-index
61 all docs	61 docs citations	61 times ranked	1982 citing authors

#	Article	IF	Citations
1	Quantitative Optical Coherence Tomography Angiography of Radial Peripapillary Capillaries in Glaucoma, Glaucoma Suspect, and Normal Eyes. American Journal of Ophthalmology, 2016, 170, 41-49.	1.7	165
2	Retinal ganglion cells: Energetics, compartmentation, axonal transport, cytoskeletons and vulnerability. Progress in Retinal and Eye Research, 2013, 36, 217-246.	7.3	160
3	Axonal Transport and Cytoskeletal Changes in the Laminar Regions after Elevated Intraocular Pressure. , 2007, 48, 3632.		115
4	The critical role of the conjunctiva in glaucoma filtration surgery. Progress in Retinal and Eye Research, 2009, 28, 303-328.	7.3	115
5	Retinal venous pulsation in glaucoma and glaucoma suspects. Ophthalmology, 2004, 111, 1489-1494.	2.5	104
6	The translaminar pressure gradient in sustained zero gravity, idiopathic intracranial hypertension, and glaucoma. Medical Hypotheses, 2012, 79, 719-724.	0.8	77
7	Inherited retinal diseases are the most common cause of blindness in the working-age population in Australia. Ophthalmic Genetics, 2021, 42, 431-439.	0.5	75
8	The Structural Relationship between the Microvasculature, Neurons, and Glia in the Human Retina. , 2010, 51, 447.		66
9	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. Clinical and Experimental Ophthalmology, 2012, 40, 569-575.	1.3	64
10	Retinal venous pulsation: Expanding our understanding and use of this enigmatic phenomenon. Progress in Retinal and Eye Research, 2016, 55, 82-107.	7.3	59
11	Retinal Vein Pulsation Is in Phase with Intracranial Pressure and Not Intraocular Pressure. , 2012, 53, 4676.		57
12	Value of retinal vein pulsation characteristics in predicting increased optic disc excavation. British Journal of Ophthalmology, 2007, 91, 441-444.	2.1	56
13	Label-Free Density Measurements of Radial Peripapillary Capillaries in the Human Retina. PLoS ONE, 2015, 10, e0135151.	1.1	56
14	Heterogeneous Distribution of Axonal Cytoskeleton Proteins in the Human Optic Nerve. Investigative Ophthalmology and Visual Science, 2009, 50, 2824-2838.	3.3	45
15	Mechanisms and treatment of primary angle closure: a review. Clinical and Experimental Ophthalmology, 2012, 40, e218-28.	1.3	44
16	The Force Required to Induce Hemivein Pulsation Is Associated with the Site of Maximum Field Loss in Glaucoma. , 2005, 46, 1307.		41
17	Elevated pressure induced astrocyte damage in the optic nerve. Brain Research, 2008, 1244, 142-154.	1.1	40
18	Surgical management of glaucoma: a review. Clinical and Experimental Ophthalmology, 2012, 40, 388-399.	1.3	40

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19	Mortality and hospital morbidity of working-age blind. British Journal of Ophthalmology, 2013, 97, 1579-1585.	2.1	37
20	Comparative quantitative study of astrocytes and capillary distribution in optic nerve laminar regions. Experimental Eye Research, 2014, 121, 11-22.	1.2	36
21	Trends in Registered Blindness and its Causes over 19 Years in Western Australia. Ophthalmic Epidemiology, 2006, 13, 35-42.	0.8	32
22	Optimizing the calibration and interpretation of dynamic ocular force measurements. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 401-407.	1.0	29
23	The Impact of Acutely Elevated Intraocular Pressure on the Porcine Optic Nerve Head. , 2011, 52, 6192.		28
24	Quality of life of the most severely visionâ€impaired. Clinical and Experimental Ophthalmology, 2011, 39, 336-343.	1.3	28
25	Occurrence ofCYP1B1Mutations in Juvenile Open-Angle Glaucoma With Advanced Visual Field Loss. JAMA Ophthalmology, 2015, 133, 826.	1.4	21
26	Objective Detection of Retinal Vessel Pulsation. PLoS ONE, 2015, 10, e0116475.	1.1	20
27	Case of normal tension glaucoma induced or exacerbated by wearing swimming goggles. Clinical and Experimental Ophthalmology, 2010, 38, 428-429.	1.3	19
28	Diabetic retinopathy and the major causes of vision loss in Aboriginals from remote Western Australia. Clinical and Experimental Ophthalmology, 2010, 38, 475-482.	1.3	19
29	Associations Between Capillary Diameter, Capillary Density, and Microaneurysms in Diabetic Retinopathy: A High-Resolution Confocal Microscopy Study. Translational Vision Science and Technology, 2021, 10, 6.	1.1	18
30	Interâ€device comparison of retinal sensitivity measurements: the CenterVue MAIA and the Nidek MPâ€1. Clinical and Experimental Ophthalmology, 2016, 44, 15-23.	1.3	17
31	Improving Spatial Resolution and Test Times of Visual Field Testing Using ARREST. Translational Vision Science and Technology, 2018, 7, 35.	1.1	17
32	Use of trypan blue to assess lymphatic function following trabeculectomy. Clinical and Experimental Ophthalmology, 2019, 47, 892-897.	1.3	17
33	Inter-Relationship of Arterial Supply to Human Retina, Choroid, and Optic Nerve Head Using Micro Perfusion and Labeling. , 2017, 58, 3565.		16
34	Developing laser-induced glaucoma in rabbits. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 180-183.	0.4	14
35	Mitomycin C eliminates the short-term intraocular pressure rise found following Molteno tube implantation. Clinical and Experimental Ophthalmology, 2003, 31, 191-198.	1.3	14
36	Regional heterogeneity of endothelial cells in the porcine vortex vein system. Microvascular Research, 2013, 89, 70-79.	1.1	14

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37	Prevalence of blindness in Western Australia: a population study using capture and recapture techniques. British Journal of Ophthalmology, 2012, 96, 478-481.	2.1	13
38	The Use of Microperimetry to Detect Functional Progression in Non-Neovascular Age-Related Macular Degeneration: A Systematic Review. Asia-Pacific Journal of Ophthalmology, 2017, 6, 70-79.	1.3	13
39	Central Venous Pulsations. Journal of Glaucoma, 2013, 22, S15-S16.	0.8	11
40	A Review of Capture-recapture Methods and Its Possibilities in Ophthalmology and Vision Sciences. Ophthalmic Epidemiology, 2020, 27, 310-324.	0.8	11
41	Measurement of normal retinal vascular pulse wave attenuation using modified photoplethysmography. PLoS ONE, 2020, 15, e0232523.	1.1	11
42	Utilisation of retinal vein photoplethysmography to measure intracranial pressure. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 104-106.	0.9	8
43	Assessing the diagnostic validity of a blind register. Clinical and Experimental Ophthalmology, 2011, 39, 494-500.	1.3	7
44	Microvascular Density Is Associated With Retinal Ganglion Cell Axonal Volume in the Laminar Compartments of the Human Optic Nerve Head. , 2018, 59, 1562.		7
45	Recurrent Optic Disc Hemorrhage and Its Association with Visual Field Deterioration in Glaucoma. Ophthalmology Glaucoma, 2020, 3, 443-452.	0.9	7
46	Impact of retinal pigment epithelium pathology on spectralâ€domain optical coherence tomographyâ€derived macular thickness and volume metrics and their intersession repeatability. Clinical and Experimental Ophthalmology, 2017, 45, 270-279.	1.3	6
47	Intraocular Pressure Reduction Is Associated with Reduced Venous Pulsation Pressure. PLoS ONE, 2016, 11, e0147915.	1.1	6
48	Structural characteristics of the optic nerve head influencing human retinal venous pulsations. Experimental Eye Research, 2016, 145, 341-346.	1.2	5
49	Long-Term Results Using Gelatin Microfistulae Implantation without Antimetabolite. Ophthalmology, 2018, 125, 1828-1829.	2.5	5
50	Association between focal lamina cribrosa defects and optic disc haemorrhage in glaucoma. British Journal of Ophthalmology, 2020, 104, 98-103.	2.1	5
51	The association between retinal vein pulsation pressure and optic disc haemorrhages in glaucoma. PLoS ONE, 2017, 12, e0182316.	1.1	4
52	Use of trypan blue as an aqueous tracer dye to investigate hypotony where cyclodialysis cleft is suspected. Clinical and Experimental Ophthalmology, 2019, 47, 904-908.	1.3	3
53	The Inflammatory and Foreign Body Reaction of Polymethyl Methacrylate Glaucoma Drainage Device in the Rabbit Eye. Translational Vision Science and Technology, 2020, 9, 20.	1.1	3
54	XENâ€45 gelatin microfistula for uveitic glaucoma. Clinical and Experimental Ophthalmology, 2018, 46, 323-324.	1.3	2

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55	Clinical benefits for the monitoring and modulating of subconjunctival tissue following glaucoma filtration surgery. Journal of Translational Science, 2016, 2, .	0.2	2
56	Utilization of services by legally blind patients in Western Australia. Clinical and Experimental Ophthalmology, 2010, 38, 736-737.	1.3	1
57	Intermediateâ€term and longâ€term outcome of piggyback drainage: connecting glaucoma drainage device to a device inâ€situ for improved intraocular pressure control. Clinical and Experimental Ophthalmology, 2017, 45, 803-811.	1.3	1
58	Quantitative analysis of astrocyte and axonal density relationships: Glia to neuron ratio in the optic nerve laminar regions. Experimental Eye Research, 2020, 198, 108154.	1.2	1
59	Diabetic retinopathy in Australian Aboriginal people: response. Clinical and Experimental Ophthalmology, 2011, 39, 185-186.	1.3	0
60	Retrobulbar axonal degeneration due to optic disc drusen. Clinical and Experimental Ophthalmology, 2018, 46, 564-567.	1.3	0
61	Mechanism Theories of Glaucoma. , 2019, , 33-66.		0