Michael Wall

List of Publications by Citations

128 papers	5,662 citations	42 h-index	72 g-index
135 ext. papers	6,560 ext. citations	4.7 avg, IF	5.81 L-index

#	Paper	IF	Citations
128	The incidence of pseudotumor cerebri. Population studies in Iowa and Louisiana. *Archives of Neurology*, **1988**, 45, 875-7		492
127	High- and low-risk profiles for the development of multiple sclerosis within 10 years after optic neuritis: experience of the optic neuritis treatment trial. *JAMA Ophthalmology*, **2003**, 121, 944-9		288
126	Effect of acetazolamide on visual function in patients with idiopathic intracranial hypertension and mild visual loss: the idiopathic intracranial hypertension treatment trial. *JAMA - Journal of the American Medical Association*, **2014**, 311, 1641-51	27.4	259
125	The idiopathic intracranial hypertension treatment trial: clinical profile at baseline. *JAMA Neurology* , **2014**, 71, 693-701	17.2	236
124	Idiopathic intracranial hypertension. *Neurologic Clinics*, **2010**, 28, 593-617	4.5	229
123	Profiles of obesity, weight gain, and quality of life in idiopathic intracranial hypertension (pseudotumor cerebri). *American Journal of Ophthalmology*, **2007**, 143, 635-41	4.9	186
122	Diagnosis and grading of papilledema in patients with raised intracranial pressure using optical coherence tomography vs clinical expert assessment using a clinical staging scale. *JAMA Ophthalmology*, **2010**, 128, 705-11		182
121	Visual function more than 10 years after optic neuritis: experience of the optic neuritis treatment trial. *American Journal of Ophthalmology*, **2004**, 137, 77-83	4.9	176
120	Structure versus function in glaucoma: an application of a linear model. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 3662-8		170
119	Prevalence of a normal C-reactive protein with an elevated erythrocyte sedimentation rate in biopsy-proven giant cell arteritis. *Ophthalmology*, **2006**, 113, 1842-5	7.3	133
118	Sleep apnea and intracranial hypertension in men. *Ophthalmology*, **2002**, 109, 482-5	7.3	114
117	The headache profile of idiopathic intracranial hypertension. *Cephalalgia*, **1990**, 10, 331-5	6.1	112
116	Repeatability of automated perimetry: a comparison between standard automated perimetry with stimulus size III and V, matrix, and motion perimetry **2009**, 50, 974-9		99
115	Visual acuity scored by the letter-by-letter or probit methods has lower retest variability than the line assignment method. *Eye*, **1997**, 11 (Pt 3), 411-7	4.4	91
114	A test of a linear model of glaucomatous structure-function loss reveals sources of variability in retinal nerve fiber and visual field measurements **2009**, 50, 4254-66		88
113	Neuro-ophthalmic sarcoidosis: the University of Iowa experience. *Seminars in Ophthalmology*, **2008**, 23, 157-68	2.4	87
112	The use of acetazolamide in idiopathic intracranial hypertension during pregnancy. *American Journal of Ophthalmology*, **2005**, 139, 855-9	4.9	84

111	Characteristics of the normative database for the Humphrey matrix perimeter. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 1540-8		84
110	Visual loss in pseudotumor cerebri. Incidence and defects related to visual field strategy. *Archives of Neurology*, **1987**, 44, 170-5		83
109	Idiopathic intracranial hypertension (Pseudotumor cerebri). *Current Neurology and Neuroscience Reports*, **2008**, 8, 87-93	6.6	78
108	Idiopathic intracranial hypertension (pseudotumor cerebri): recognition, treatment, and ongoing management. *Current Treatment Options in Neurology*, **2013**, 15, 1-12	4.4	76
107	Epidemiology and risk factors for idiopathic intracranial hypertension. *International Ophthalmology Clinics*, **2014**, 54, 1-11	1.7	73
106	Visual field defects in idiopathic intracranial hypertension (pseudotumor cerebri). *American Journal of Ophthalmology*, **1983**, 96, 654-69	4.9	72
105	Neurologic impairment 10 years after optic neuritis. *Archives of Neurology*, **2004**, 61, 1386-9		68
104	Headache in Idiopathic Intracranial Hypertension: Findings From the Idiopathic Intracranial Hypertension Treatment Trial. *Headache*, **2017**, 57, 1195-1205	4.2	61
103	The idiopathic intracranial hypertension treatment trial: design considerations and methods. *Journal of Neuro-Ophthalmology*, **2014**, 34, 107-17	2.6	59
102	Quality of life in idiopathic intracranial hypertension at diagnosis: IIH Treatment Trial results. *Neurology*, **2015**, 84, 2449-56	6.5	58
101	The effective dynamic ranges of standard automated perimetry sizes III and V and motion and matrix perimetry. *JAMA Ophthalmology*, **2010**, 128, 570-6		56
100	The repeatability of mean defect with size III and size V standard automated perimetry **2013**, 54, 1345-51		52
99	Presumed "sulfa allergy" in patients with intracranial hypertension treated with acetazolamide or furosemide: cross-reactivity, myth or reality?. *American Journal of Ophthalmology*, **2004**, 138, 114-8	4.9	52
98	Causes and Prognosis of Visual Acuity Loss at the Time of Initial Presentation in Idiopathic Intracranial Hypertension **2015**, 56, 3850-9		51
97	Long- and short-term variability of automated perimetry results in patients with optic neuritis and healthy subjects. *JAMA Ophthalmology*, **1998**, 116, 53-61		51
96	Idiopathic intracranial hypertension. Lack of histologic evidence for cerebral edema. *Archives of Neurology*, **1995**, 52, 141-5		50
95	Magnetic resonance imaging in the evaluation of optic nerve gliomas. *Ophthalmology*, **1987**, 94, 709-17	7.3	50
94	Update on Idiopathic Intracranial Hypertension. *Neurologic Clinics*, **2017**, 35, 45-57	4.5	49

93	Normal aging effects for frequency doubling technology perimetry. *Optometry and Vision Science*, **1999**, 76, 582-7	2.1	45
92	Threshold Amsler grid testing. Cross-polarizing lenses enhance yield. *JAMA Ophthalmology*, **1986**, 104, 520-3		44
91	Safety and Tolerability of Acetazolamide in the Idiopathic Intracranial Hypertension Treatment Trial. *Journal of Neuro-Ophthalmology*, **2016**, 36, 13-9	2.6	43
90	Sensitivity and specificity of frequency doubling perimetry in neuro-ophthalmic disorders: a comparison with conventional automated perimetry. *Investigative Ophthalmology and Visual Science* , **2002**, 43, 1277-83		43
89	Baseline visual field findings in the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT) **2014**, 55, 3200-7		42
88	Random dot motion perimetry in patients with glaucoma and in normal subjects. *American Journal of Ophthalmology*, **1995**, 120, 587-96	4.9	42
87	Risk factors for poor visual outcome in patients with idiopathic intracranial hypertension. *Neurology* , **2015**, 85, 799-805	6.5	41
86	Revised diagnostic criteria for the pseudotumor cerebri syndrome in adults and children. *Neurology*, **2014**, 83, 198-9	6.5	36
85	Size threshold perimetry performs as well as conventional automated perimetry with stimulus sizes III, V, and VI for glaucomatous loss **2013**, 54, 3975-83		35
84	CSF pressure, papilledema grade, and response to acetazolamide in the Idiopathic Intracranial Hypertension Treatment Trial. *Journal of Neurology*, **2015**, 262, 2271-4	5.5	33
83	The effect of attention on conventional automated perimetry and luminance size threshold perimetry. *Investigative Ophthalmology and Visual Science*, **2004**, 45, 342-50		31
82	A history of perimetry and visual field testing. *Optometry and Vision Science*, **2011**, 88, E8-15	2.1	29
81	Idiopathic intracranial hypertension in men and the relationship to sleep apnea. *Neurology*, **2009**, 72, 300-1	6.5	29
80	Motion perimetry identifies nerve fiber bundlelike defects in ocular hypertension. *JAMA Ophthalmology*, **1997**, 115, 26-33		28
79	Prognosis of ischemic internuclear ophthalmoplegia. *Ophthalmology*, **2002**, 109, 1676-8	7.3	28
78	Threshold Amsler grid testing in maculopathies. *Ophthalmology*, **1987**, 94, 1126-33	7.3	26
77	Small capsular hemorrhages. Clinical-computed tomographic correlations. *Archives of Neurology*, **1984**, 41, 1255-7		26
76	Papilledema as the presenting manifestation of spinal schwannoma. *Journal of Neuro-Ophthalmology*, **2002**, 22, 199-203	2.6	25

75	Contrast sensitivity testing in pseudotumor cerebri. *Ophthalmology*, **1986**, 93, 4-7	7.3	25
74	Papilledema: are we any nearer to a consensus on pathogenesis and treatment?. *Current Neurology and Neuroscience Reports*, **2012**, 12, 334-9	6.6	24
73	Automated perimetry in amblyopia: a generalized depression. *American Journal of Ophthalmology*, **1999**, 127, 312-21	4.9	24
72	Visual Field Outcomes for the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT) **2016**, 57, 805-12		24
71	Intracranial hypertension in systemic lupus erythematosus. *Seminars in Ophthalmology*, **2008**, 23, 127-33	2.4	23
70	Subretinal neovascular membrane in idiopathic intracranial hypertension. *American Journal of Ophthalmology*, **2006**, 141, 573-4	4.9	23
69	Factors Affecting Visual Field Outcomes in the Idiopathic Intracranial Hypertension Treatment Trial. *Journal of Neuro-Ophthalmology*, **2016**, 36, 6-12	2.6	23
68	Quality of life at 6 months in the Idiopathic Intracranial Hypertension Treatment Trial. *Neurology*, **2016**, 87, 1871-1877	6.5	23
67	Imaging and Perimetry Society standards and guidelines. *Optometry and Vision Science*, **2011**, 88, 4-7	2.1	22
66	The diagnostic yield of the evaluation for isolated unexplained optic atrophy. *Ophthalmology*, **2005**, 112, 757-9	7.3	22
65	Idiopathic intracranial hypertension (pseudotumor cerebri). *Current Neurology and Neuroscience Reports*, **2008**, 8, 87-93	6.6	22
64	Role of vitamin A metabolism in IIH: Results from the idiopathic intracranial hypertension treatment trial. *Journal of the Neurological Sciences*, **2017**, 372, 78-84	3.2	20
63	The Longitudinal Idiopathic Intracranial Hypertension Trial: Outcomes From Months 6-12. *American Journal of Ophthalmology*, **2017**, 176, 102-107	4.9	19
62	Perimetric evaluation of saccadic latency, saccadic accuracy, and visual threshold for peripheral visual stimuli in young compared with older adults **2013**, 54, 5778-87		19
61	Refinement of pointwise linear regression criteria for determining glaucoma progression **2013**, 54, 6234-41		19
60	The relationship of visual threshold and reaction time to visual field eccentricity with conventional automated perimetry. *Vision Research*, **2002**, 42, 781-7	2.1	19
59	Pattern of axonal loss in longstanding papilledema due to idiopathic intracranial hypertension. *Current Eye Research*, **1995**, 14, 173-80	2.9	18
58	Idiopathic intracranial hypertension. *Seminars in Ophthalmology*, **1995**, 10, 251-9	2.4	18

57	Photographic Reading Center of the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT): Methods and Baseline Results **2015**, 56, 3292-303		17
56	The Effective Dynamic Ranges for Glaucomatous Visual Field Progression With Standard Automated Perimetry and Stimulus Sizes III and V **2018**, 59, 439-445		17
55	Optic disc haemorrhages at baseline as a risk factor for poor outcome in the Idiopathic Intracranial Hypertension Treatment Trial. *British Journal of Ophthalmology*, **2017**, 101, 1256-1260	5.5	16
54	A comparison of false-negative responses for full threshold and SITA standard perimetry in glaucoma patients and normal observers. *Journal of Glaucoma*, **2014**, 23, 288-92	2.1	16
53	Total deviation probability plots for stimulus size v perimetry: a comparison with size III stimuli. *JAMA Ophthalmology*, **2008**, 126, 473-9		16
52	Sensitivity and specificity of the Humphrey Matrix to detect homonymous hemianopias. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 924-8		15
51	What's new in perimetry. *Journal of Neuro-Ophthalmology*, **2004**, 24, 46-55	2.6	15
50	Perimetry, retinal nerve fiber layer thickness and papilledema grade after cerebrospinal fluid shunting in patients with idiopathic intracranial hypertension. *Journal of Neuro-Ophthalmology*, **2015**, 35, 22-5	2.6	14
49	Is Management of Central Retinal Artery Occlusion the Next Frontier in Cerebrovascular Diseases?. *Journal of Stroke and Cerebrovascular Diseases*, **2018**, 27, 2781-2791	2.8	13
48	Humphrey Matrix perimetry in optic nerve and chiasmal disorders: comparison with Humphrey SITA standard 24-2. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 917-23		13
47	Tadalafil associated with typical migraine aura without headache. *Cephalalgia*, **2006**, 26, 1344-6	6.1	12
46	A comparison of three clinical methods of spatial contrast-sensitivity testing in normal subjects. *Graefels Archive for Clinical and Experimental Ophthalmology*, **1990**, 228, 24-7	3.8	12
45	A comparison of catch trial methods used in standard automated perimetry in glaucoma patients. *Journal of Glaucoma*, **2008**, 17, 626-30	2.1	11
44	Visual field of high-pass resolution perimetry in normal subjects. *Journal of Glaucoma*, **2004**, 13, 15-21	2.1	11
43	Use of a continuous probability scale to display visual field damage. *JAMA Ophthalmology*, **2009**, 127, 749-56		10
42	Random dot motion stimuli are more sensitive than light stimuli for detection of visual field loss in ocular hypertension patients. *Optometry and Vision Science*, **1999**, 76, 550-7	2.1	9
41	Optic disk edema with cotton-wool spots. *Survey of Ophthalmology*, **1995**, 39, 502-8	6.1	9
40	Threshold Static Automated Perimetry of the Full Visual Field in Idiopathic Intracranial Hypertension **2019**, 60, 1898-1905		8

39	Variability of rarebit and standard perimetry sizes I and III in normals. *Optometry and Vision Science*, **2011**, 88, 635-9	2.1	8
38	Rapid confrontation screening for peripheral visual field defects and extinction. *Australasian journal of optometry, The*, **2009**, 92, 45-8	2.7	8
37	Motion perimetry in anisometropic amblyopia: elevated size thresholds extend into the midperiphery. *Journal of AAPOS*, **1998**, 2, 94-101	1.3	8
36	To the editor: Comment on Mallol et al. *Pediatric Pulmonology*, **2001**, 32, 263-4	3.5	8
35	Genetic Survey of Adult-Onset Idiopathic Intracranial Hypertension. *Journal of Neuro-Ophthalmology*, **2019**, 39, 50-55	2.6	8
34	Idiopathic intracranial hypertension. *Ophthalmology*, **2007**, 114, 617	7.3	7
33	Validation of the UNC OCT Index for the Diagnosis of Early Glaucoma. *Translational Vision Science and Technology*, **2018**, 7, 16	3.3	7
32	A 6-month telephone-based weight loss intervention in overweight and obese subjects with idiopathic intracranial hypertension. *Obesity Science and Practice*, **2016**, 2, 95-103	2.6	6
31	Data obtained with an open-source static automated perimetry test of the full visual field in healthy adults. *Data in Brief*, **2018**, 21, 75-82	1.2	6
30	The importance of visual field testing in idiopathic intracranial hypertension. *CONTINUUM Lifelong Learning in Neurology*, **2014**, 20, 1067-74	3	5
29	CT findings in acute optic neuritis. *Computerized Radiology: Official Journal of the Computerized Tomography Society*, **1984**, 8, 91-4		5
28	Temporal Wedge Defects in Glaucoma: Structure/Function Correlation With Threshold Automated Perimetry of the Full Visual Field. *Journal of Glaucoma*, **2020**, 29, 191-197	2.1	4
27	SITA-Standard perimetry has better performance than FDT2 matrix perimetry for detecting glaucomatous progression. *British Journal of Ophthalmology*, **2018**, 102, 1396-1401	5.5	4
26	Letter from the DSMC regarding a clinical trial of lutein in patients with retinitis pigmentosa. *JAMA Ophthalmology*, **2011**, 129, 675; author reply 675-6		4
25	Indomethacin-sensitive monocyte killing defect in a child with disseminated atypical mycobacterial disease. *Journal of Clinical Immunology*, **1991**, 11, 357-62	5.7	4
24	Optic atrophy. *Survey of Ophthalmology*, **1991**, 36, 51-8	6.1	4
23	Neurosarcoidosis involving optic nerves and leptomeninges: computed tomography findings. *The Journal of Computed Tomography*, **1986**, 10, 129-33		4
22	The Visual Field **2011**, 655-676		4

21	Integrating independent spatio-temporal replications to assess population trends in disease spread. *Statistics in Medicine*, **2016**, 35, 5210-5221	2.3	4
20	Reader response: Visual discrimination training improves Humphrey perimetry in chronic cortically induced blindness. *Neurology*, **2018**, 90, 436-437	6.5	3
19	Interferon treatment of SRNV. *Ophthalmology*, **1994**, 101, 624-5	7.3	3
18	Idiopathic intracranial hypertension--reply. *JAMA - Journal of the American Medical Association*, **2014**, 312, 1060	27.4	2
17	Morphology and Repeatability of Automated Perimetry using Stimulus Sizes III, V and VI. *Medical Research Archives*, **2020**, 8,	2.1	2
16	Unsupervised Machine Learning Identifies Quantifiable Patterns of Visual Field Loss in Idiopathic Intracranial Hypertension. *Translational Vision Science and Technology*, **2021**, 10, 37	3.3	2
15	Bilateral jugular paragangliomas: a rare cause of raised intracranial pressure. *Neurology*, **2014**, 82, 732-3	6.5	1
14	Neuro-ophthalmic manifestations of hemangiopericytoma. *Seminars in Ophthalmology*, **2004**, 19, 95-100	2.4	1
13	Nerve sheath decompression in patients with functioning shunts. *Ophthalmology*, **1992**, 99, 480	7.3	1
12	Archetypal Analysis Reveals Quantifiable Patterns of Visual Field Loss in Optic Neuritis.. *Translational Vision Science and Technology*, **2022**, 11, 27	3.3	1
11	Threshold Automated Perimetry of the Full Visual Field in Patients With Glaucoma With Mild Visual Loss. *Journal of Glaucoma*, **2019**, 28, 997-1005	2.1	1
10	Idiopathic intracranial hypertension (pseudotumor cerebri). *Insight*, **2008**, 33, 18-25; quiz 26-7		1
9	Cup-to-disc ratio in patients with idiopathic intracranial hypertension is smaller than in normal subjects?. *Journal of Neuro-Ophthalmology*, **2011**, 31, 95-6	2.6	0
8	The Neuro-Ophthalmology Research Disease Investigator Consortium (NORDIC). *Journal of Neuro-Ophthalmology*, **2009**, 29, 259-61	2.6	0
7	Benefit of Stimulus Size V Perimetry for Patients With a Dense Central Scotoma From Leber's Hereditary Optic Neuropathy. *Translational Vision Science and Technology*, **2021**, 10, 31	3.3	0
6	Treating idiopathic intracranial hypertension--reply. *JAMA Neurology*, **2014**, 71, 1327-8	17.2	
5	Luminance contrast and colour contrast related errors in pseudoisochromatic plate identification. *Eye*, **1997**, 11 (Pt 5), 713-6	4.4	
4	Examination of the Ten Degrees of Visual field Surrounding Fixation **1989**, 94-111		

List of Publications

3	Medical Treatment of Idiopathic Intracranial Hypertension (IIH) **2019**, 61-66	
2	Perimetry and visual field defects. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2021**, 178, 51-77	3
1	The Open Perimetry Initiative: A framework for cross-platform development for the new generation of portable perimeters.. *Journal of Vision*, **2022**, 22, 1	0.4