Chris A Johnson

List of Publications by Year in Descending Order

246 papers	14,012 citations	54 h-index	112 g-index
269 ext. papers	15,699 ext. citations	3.7 avg, IF	5.99 L-index

#	Paper	IF	Citations
246	Evaluation of the Melbourne Rapid Fields Test Procedure.. *Optometry and Vision Science*, **2022**, 99, 372-382	2.1	1
245	Demographic, Comorbid, and Clinical Variables Associated With Pointwise Visual Field Damage in Glaucoma: Data From the AGIS and CIGTS Clinical Trials. *Translational Vision Science and Technology*, **2021**, 10, 28	3.3	1
244	Visual Field Endpoints Based on Subgroups of Points May Be Useful in Glaucoma Clinical Trials: A Study With the Humphrey Field Analyzer and Compass Perimeter. *Journal of Glaucoma*, **2021**, 30, 661-665	2.1	0
243	Assessment of Cumulative Incidence and Severity of Primary Open-Angle Glaucoma Among Participants in the Ocular Hypertension Treatment Study After 20 Years of Follow-up. *JAMA Ophthalmology*, **2021**,	3.9	3
242	Do Additional Testing Locations Improve the Detection of Macular Perimetric Defects in Glaucoma?. *Ophthalmology*, **2021**, 128, 1722-1735	7.3	1
241	Effect of Initial Aflibercept, Laser, or Observation on Low-Contrast Visual Acuity in Eyes With Diabetic Macular Edema and Good Vision: Ancillary Study Within a Randomized Clinical Trial. *Translational Vision Science and Technology*, **2021**, 10, 3	3.3	1
240	Estimating the Severity of Visual Field Damage From Retinal Nerve Fiber Layer Thickness Measurements With Artificial Intelligence. *Translational Vision Science and Technology*, **2021**, 10, 16	3.3	1
239	Effect of fundus tracking on structure-function relationship in glaucoma. *British Journal of Ophthalmology*, **2020**, 104, 1710-1716	5.5	5
238	Long-Term Follow-Up of Normal Tension Glaucoma Patients With TBK1 Gene Mutations in One Large Pedigree. *American Journal of Ophthalmology*, **2020**, 214, 52-62	4.9	0
237	Visual Field Changes Over 5 Years in Patients Treated With Panretinal Photocoagulation or Ranibizumab for Proliferative Diabetic Retinopathy. *JAMA Ophthalmology*, **2020**, 138, 285-293	3.9	20
236	Functional assessment of glaucoma: Uncovering progression. *Survey of Ophthalmology*, **2020**, 65, 639-661	6.1	4
235	Skin Intrinsic Fluorescence and Selected Measures of Visual Function and aging in Older Adults. *Ophthalmic Epidemiology*, **2019**, 26, 264-269	1.9	
234	A Comparison between the Compass Fundus Perimeter and the Humphrey Field Analyzer. *Ophthalmology*, **2019**, 126, 242-251	7.3	21
233	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
232	Oral Memantine for the Treatment of Glaucoma: Design and Results of 2 Randomized, Placebo-Controlled, Phase 3 Studies. *Ophthalmology*, **2018**, 125, 1874-1885	7.3	50
231	Disorganization of Retinal Inner Layers (DRIL) and Neuroretinal Dysfunction in Early Diabetic Retinopathy **2018**, 59, 5481-5486		33
230	Predicting Visual Disability in Glaucoma With Combinations of Vision Measures. *Translational Vision Science and Technology*, **2018**, 7, 22	3.3	18

229	Predicting conversion to glaucoma using standard automated perimetry and frequency doubling technology. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2017**, 255, 797-803	3.8	3
228	Nerve Fiber Layer Thickness and Characteristics Associated with Glaucoma in Community Living Older Adults: Prelude to a Screening Trial?. *Ophthalmic Epidemiology*, **2017**, 24, 104-110	1.9	5
227	Multidimensional Functional and Structural Evaluation Reveals Neuroretinal Impairment in Early Diabetic Retinopathy **2017**, 58, BIO277-BIO290		44
226	Performance of an iPad Application to Detect Moderate and Advanced Visual Field Loss in Nepal. *American Journal of Ophthalmology*, **2017**, 182, 147-154	4.9	48
225	Efficacy and safety of voretigene neparvovec (AAV2-hRPE65v2) in patients with RPE65-mediated inherited retinal dystrophy: a randomised, controlled, open-label, phase 3 trial. *Lancet, The*, **2017**, 390, 849-860	40	759
224	Optical Coherence Tomography Analysis Based Prediction of Humphrey 24-2 Visual Field Thresholds in Patients With Glaucoma **2017**, 58, 3975-3985		19
223	Retinal structure and function in vigabatrin-treated adult patients with refractory complex partial seizures. *Epilepsia*, **2016**, 57, 1634-1642	6.4	9
222	The Infrared Imaging Spectrograph (IRIS) for TMT: data reduction system **2016**,		1
221	Visual Fields: Visual Field Test Strategies **2016**, 145-151		
220	Normal Values for the Full Visual Field, Corrected for Age- and Reaction Time, Using Semiautomated Kinetic Testing on the Octopus 900 Perimeter. *Translational Vision Science and Technology*, **2016**, 5, 5	3.3	23
219	Visual Field Outcomes for the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT) **2016**, 57, 805-12		24
218	Factors Affecting Visual Field Outcomes in the Idiopathic Intracranial Hypertension Treatment Trial. *Journal of Neuro-Ophthalmology*, **2016**, 36, 6-12	2.6	23
217	Visual field defect classification in the Zhongshan Ophthalmic Center-Brien Holden Vision Institute High Myopia Registry Study. *British Journal of Ophthalmology*, **2016**, 100, 1697-1702	5.5	18
216	VFMA: Topographic Analysis of Sensitivity Data From Full-Field Static Perimetry. *Translational Vision Science and Technology*, **2015**, 4, 14	3.3	39
215	The Infrared Imaging Spectrograph (IRIS) for TMT: instrument overview **2014**,		4
214	Baseline visual field findings in the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT) **2014**, 55, 3200-7		42
213	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
212	Detecting Functional Changes in the Patient Vision: Visual Field Analysis **2014**, 117-159		1

211	Psychophysical factors that have been applied to clinical perimetry. *Vision Research*, **2013**, 90, 25-31	2.1	11
210	The repeatability of mean defect with size III and size V standard automated perimetry **2013**, 54, 1345-51		52
209	Features of optic disc progression in patients with ocular hypertension and early glaucoma. *Journal of Glaucoma*, **2013**, 22, 343-8	2.1	18
208	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
207	Author response: effect of intraocular pressure on the Bayesian estimation of rates of visual field progression in glaucoma **2013**, 54, 4214		3
206	How useful is population data for informing visual field progression rate estimation? **2013**, 54, 2198-206		14
205	Learning effect and test-retest variability of pulsar perimetry. *Journal of Glaucoma*, **2013**, 22, 230-7	2.1	5
204	Refinement of pointwise linear regression criteria for determining glaucoma progression **2013**, 54, 6234-41		19
203	The effect of test variability on the structure-function relationship in early glaucoma. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2012**, 250, 1851-61	3.8	20
202	The development of a decision analytic model of changes in mean deviation in people with glaucoma: the COA model. *Ophthalmology*, **2012**, 119, 1367-74	7.3	5
201	The Nature of Macular Damage in Glaucoma as Revealed by Averaging Optical Coherence Tomography Data. *Translational Vision Science and Technology*, **2012**, 1, 3	3.3	101
200	Factors predicting the rate of functional progression in early and suspected glaucoma **2012**, 53, 3598-604		54
199	Morphometric analysis and classification of glaucomatous optic neuropathy using radial polynomials. *Journal of Glaucoma*, **2012**, 21, 302-12	2.1	8
198	Imaging and Perimetry Society standards and guidelines. *Optometry and Vision Science*, **2011**, 88, 4-7	2.1	22
197	Measuring visual function in age-related macular degeneration with frequency-doubling (matrix) perimetry. *Optometry and Vision Science*, **2011**, 88, 806-15	2.1	11
196	A history of perimetry and visual field testing. *Optometry and Vision Science*, **2011**, 88, E8-15	2.1	29
195	Perimetric indices as predictors of future glaucomatous functional change. *Optometry and Vision Science*, **2011**, 88, 56-62	2.1	17
194	Variability of rarebit and standard perimetry sizes I and III in normals. *Optometry and Vision Science*, **2011**, 88, 635-9	2.1	8

193	Assessment of linear-scale indices for perimetry in terms of progression in early glaucoma. *Vision Research*, **2011**, 51, 1801-10	2.1	14
192	The Visual Field **2011**, 655-676		4
191	Cup size predicts subsequent functional change in early glaucoma. *Optometry and Vision Science*, **2011**, 88, 1470-6	2.1	4
190	Glaucomatous progression in series of stereoscopic photographs and Heidelberg retina tomograph images. *JAMA Ophthalmology*, **2010**, 128, 560-8		29
189	Vision and driving: the United States. *Journal of Neuro-Ophthalmology*, **2010**, 30, 170-6	2.6	22
188	Detecting Functional Changes in the Patient Vision: Visual Field Analysis **2010**, 229-263		
187	Clinical trial of lutein in patients with retinitis pigmentosa receiving vitamin A. *JAMA Ophthalmology*, **2010**, 128, 403-11		126
186	Delaying treatment of ocular hypertension: the ocular hypertension treatment study. *JAMA Ophthalmology*, **2010**, 128, 276-87		113
185	Pulsar perimetry in the diagnosis of early glaucoma. *American Journal of Ophthalmology*, **2010**, 149, 102-12	4.9	26
184	The methodology of visual field testing with frequency doubling technology in the National Health and Nutrition Examination Survey, 2005-2006. *Ophthalmic Epidemiology*, **2010**, 17, 411-21	1.9	28
183	Visual field profile of optic neuritis: a final follow-up report from the optic neuritis treatment trial from baseline through 15 years. *JAMA Ophthalmology*, **2010**, 128, 330-7		64
182	Longitudinal and cross-sectional analyses of visual field progression in participants of the Ocular Hypertension Treatment Study. *JAMA Ophthalmology*, **2010**, 128, 1528-32		29
181	Visual Fields: Visual Field Test Strategies **2010**, 123-128		2
180	Comparison of the new perimetric GATE strategy with conventional full-threshold and SITA standard strategies **2009**, 50, 488-94		47
179	Predicting progressive glaucomatous optic neuropathy using baseline standard automated perimetry data **2009**, 50, 674-80		9
178	Use of a continuous probability scale to display visual field damage. *JAMA Ophthalmology*, **2009**, 127, 749-56		10
177	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
176	Perceived spatial frequency of sinusoidal gratings. *Optometry and Vision Science*, **2008**, 85, 318-29	2.1	22

175	Is there evidence for continued learning over multiple years in perimetry?. *Optometry and Vision Science*, **2008**, 85, 1043-8	2.1	37
174	Total deviation probability plots for stimulus size v perimetry: a comparison with size III stimuli. *JAMA Ophthalmology*, **2008**, 126, 473-9		16
173	Effect of recording duration on the diagnostic performance of multifocal visual-evoked potentials in high-risk ocular hypertension and early glaucoma. *Journal of Glaucoma*, **2008**, 17, 175-82	2.1	4
172	A comparison of catch trial methods used in standard automated perimetry in glaucoma patients. *Journal of Glaucoma*, **2008**, 17, 626-30	2.1	11
171	Occupational psychophysics to establish vision requirements. *Optometry and Vision Science*, **2008**, 85, 910-23	2.1	6
170	Sensitivity and specificity of the Humphrey Matrix to detect homonymous hemianopias. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 924-8		15
169	Psychophysiology of Glaucoma **2008**, 527-548		
168	Community visual field screening: prevalence of follow-up and factors associated with follow-up of participants with abnormal frequency doubling perimetry technology results. *Ophthalmic Epidemiology*, **2007**, 14, 134-40	1.9	22
167	Comparing multifocal VEP and standard automated perimetry in high-risk ocular hypertension and early glaucoma. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 1173-80		66
166	Estimating quality-adjusted life year losses associated with visual field deficits using methodological approaches. *Ophthalmic Epidemiology*, **2007**, 14, 258-64	1.9	20
165	Visual field quality control in the Ocular Hypertension Treatment Study (OHTS). *Journal of Glaucoma*, **2007**, 16, 665-9	2.1	42
164	The results of screening frequency doubling technology perimetry in different locations of the community. *Journal of Glaucoma*, **2007**, 16, 73-80	2.1	12
163	Staging functional damage in glaucoma: review of different classification methods. *Survey of Ophthalmology*, **2007**, 52, 156-79	6.1	106
162	Modeling the sensitivity to variability relationship in perimetry. *Vision Research*, **2006**, 46, 1732-45	2.1	12
161	Comparison of the ASA, MOBS, and ZEST threshold methods. *Vision Research*, **2006**, 46, 2403-11	2.1	23
160	Normal age-related sensitivity loss for a variety of visual functions throughout the visual field. *Optometry and Vision Science*, **2006**, 83, 438-43	2.1	17
159	Assessment of false positives with the Humphrey Field Analyzer II perimeter with the SITA Algorithm. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 4632-7		48
158	Frequency doubling technology perimetry in normal children. *American Journal of Ophthalmology*, **2006**, 142, 983-9	4.9	15

157	The association between glaucomatous visual fields and optic nerve head features in the Ocular Hypertension Treatment Study. *Ophthalmology*, **2006**, 113, 1603-12	7.3	85
156	Asymmetries and visual field summaries as predictors of glaucoma in the ocular hypertension treatment study. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 3896-903		35
155	OSIRIS: a diffraction limited integral field spectrograph for Keck **2006**,		70
154	Repeatability of normal multifocal VEP: implications for detecting progression. *Journal of Glaucoma* , **2006**, 15, 131-41	2.1	24
153	Evaluation of decision rules for frequency-doubling technology screening tests. *Optometry and Vision Science*, **2006**, 83, 432-7	2.1	17
152	Scotoma mapping by semi-automated kinetic perimetry: the effects of stimulus properties and the speed of subjects' responses. *Acta Ophthalmologica*, **2006**, 84, 338-44		16
151	OSIRIS: A diffraction limited integral field spectrograph for Keck. *New Astronomy Reviews*, **2006**, 50, 362-364		78
150	Glaucoma without cupping. *Optometry - Journal of the American Optometric Association*, **2005**, 76, 223-4; author reply 224-5		
149	Causes of visual impairment and common eye problems in Northwest American Indians and Alaska Natives. *American Journal of Public Health*, **2005**, 95, 881-6	5.1	21
148	Predictive value of frequency doubling technology perimetry for detecting glaucoma in a developing country. *Journal of Glaucoma*, **2005**, 14, 128-34	2.1	32
147	Vision requirements for driver's license examiners. *Optometry and Vision Science*, **2005**, 82, 779-89	2.1	8
146	Psychophysical investigation of ganglion cell loss in early glaucoma. *Journal of Glaucoma*, **2005**, 14, 11-9	2.1	65
145	Normal visual field test results following glaucomatous visual field end points in the Ocular Hypertension Treatment Study. *JAMA Ophthalmology*, **2005**, 123, 1201-6		33
144	Characteristics of the normative database for the Humphrey matrix perimeter. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 1540-8		84
143	Evaluation of the structure-function relationship in glaucoma. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 3712-7		103
142	Further evaluation of docosahexaenoic acid in patients with retinitis pigmentosa receiving vitamin A treatment: subgroup analyses. *JAMA Ophthalmology*, **2004**, 122, 1306-14		199
141	Clinical trial of docosahexaenoic acid in patients with retinitis pigmentosa receiving vitamin A treatment. *JAMA Ophthalmology*, **2004**, 122, 1297-305		183
140	Normative ranges and specificity of the multifocal VEP. *Documenta Ophthalmologica*, **2004**, 109, 87-100	2.2	55

139	Determining abnormal interocular latencies of multifocal visual evoked potentials. *Documenta Ophthalmologica*, **2004**, 109, 177-87	2.2	31
138	Determining abnormal latencies of multifocal visual evoked potentials: a monocular analysis. *Documenta Ophthalmologica*, **2004**, 109, 189-99	2.2	39
137	Frequency-doubling technology perimetry. *Ophthalmology Clinics of North America*, **2003**, 16, 213-25		79
136	Anatomy of a supergroup: does a criterion of normal perimetric performance generate a supernormal population?. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 5043-8		9
135	Frequency-doubling technology perimetry and optical defocus. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 4147-52		36
134	Appearance of the frequency doubling stimulus in normal subjects and patients with glaucoma. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 1111-6		25
133	Properties of perimetric threshold estimates from full threshold, ZEST, and SITA-like strategies, as determined by computer simulation. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 4787-95		94
132	A computerized method of visual acuity testing: adaptation of the early treatment of diabetic retinopathy study testing protocol. *American Journal of Ophthalmology*, **2003**, 135, 194-205	4.9	396
131	Structure and function evaluation (SAFE): II. Comparison of optic disk and visual field characteristics. *American Journal of Ophthalmology*, **2003**, 135, 148-54	4.9	89
130	Comparison of different methods for detecting glaucomatous visual field progression. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 3873-9		139
129	Classification of visual field abnormalities in the ocular hypertension treatment study. *JAMA Ophthalmology*, **2003**, 121, 643-50		153
128	Spatial and temporal processing of threshold data for detection of progressive glaucomatous visual field loss. *JAMA Ophthalmology*, **2002**, 120, 173-80		24
127	Short-wavelength sensitivity deficits in patients with migraine. *JAMA Ophthalmology*, **2002**, 120, 154-61		36
126	The Ocular Hypertension Treatment Study: a randomized trial determines that topical ocular hypotensive medication delays or prevents the onset of primary open-angle glaucoma. *JAMA Ophthalmology*, **2002**, 120, 701-13; discussion 829-30		2567
125	The Ocular Hypertension Treatment Study: baseline factors that predict the onset of primary open-angle glaucoma. *JAMA Ophthalmology*, **2002**, 120, 714-20; discussion 829-30		1873
124	Are high-pass resolution perimetry thresholds sampling limited or optically limited?. *Optometry and Vision Science*, **2002**, 79, 506-11	2.1	9
123	Sensitivity differences between real-patient and computer-stimulated visual fields. *Journal of Glaucoma*, **2002**, 11, 35-45	2.1	9
122	Comparison of glaucomatous visual field defects using standard full threshold and Swedish interactive threshold algorithms. *JAMA Ophthalmology*, **2002**, 120, 1136-41		74

121	Effect of dichoptic adaptation on frequency-doubling perimetry. *Optometry and Vision Science*, **2002**, 79, 88-92	2.1	24
120	Within-test variability of frequency-doubling perimetry using a 24-2 test pattern. *Journal of Glaucoma*, **2002**, 11, 315-20	2.1	23
119	Recent developments in automated perimetry in glaucoma diagnosis and management. *Current Opinion in Ophthalmology*, **2002**, 13, 77-84	5.1	34
118	Structure and function evaluation (SAFE): I. criteria for glaucomatous visual field loss using standard automated perimetry (SAP) and short wavelength automated perimetry (SWAP). *American Journal of Ophthalmology*, **2002**, 134, 177-85	4.9	105
117	Progression of visual field loss in untreated glaucoma patients and glaucoma suspects in St. Lucia, West Indies. *American Journal of Ophthalmology*, **2002**, 134, 399-405	4.9	65
116	Decline of photopic multifocal electroretinogram responses with age is due primarily to preretinal optical factors. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2002**, 19, 173-84	1.8	33
115	Identification of progressive glaucomatous visual field loss. *Survey of Ophthalmology*, **2002**, 47, 158-73	6.1	118
114	Effect of spatial waveform on apparent spatial frequency. *Vision Research*, **2002**, 42, 725-32	2.1	5
113	Visual field defects. *Seizure: the Journal of the British Epilepsy Association*, **2002**, 11, 139-40	3.2	7
112	Baseline visual field characteristics in the ocular hypertension treatment study. *Ophthalmology*, **2002**, 109, 432-7	7.3	62
111	Sensitivity and specificity of the Swedish interactive threshold algorithm for glaucomatous visual field defects. *Ophthalmology*, **2002**, 109, 1052-8	7.3	55
110	Development of efficient threshold strategies for frequency doubling technology perimetry using computer simulation. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 322-31		48
109	Mechanisms isolated by frequency-doubling technology perimetry. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 398-401		51
108	Performance of efficient test procedures for frequency-doubling technology perimetry in normal and glaucomatous eyes. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 709-15		42
107	Elevated vernier acuity thresholds in glaucoma. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 1393-9		13
106	Selective loss of an oscillatory component from temporal retinal multifocal ERG responses in glaucoma. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 2638-47		66
105	Using machine learning classifiers to identify glaucomatous change earlier in standard visual fields. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 2660-5		21
104	A comparison of noninvasive objective and subjective measurements of the optical density of human ocular media. *Optometry and Vision Science*, **2001**, 78, 386-95	2.1	19

103	Incidence and prevalence of short wavelength automated perimetry deficits in ocular hypertensive patients. *American Journal of Ophthalmology*, **2001**, 131, 709-15	4.9	52
102	Computerized method of visual acuity testing: adaptation of the amblyopia treatment study visual acuity testing protocol. *American Journal of Ophthalmology*, **2001**, 132, 903-9	4.9	188
101	Psychophysical measurement of glaucomatous damage. *Survey of Ophthalmology*, **2001**, 45 Suppl 3, S313-8; discussion S322-4	6.1	21
100	Functional assessment of glaucoma. *Journal of Glaucoma*, **2001**, 10, S49-52	2.1	13
99	The topographic relationship between multifocal electroretinographic and behavioral perimetric measures of function in glaucoma. *Optometry and Vision Science*, **2001**, 78, 206-14	2.1	27
98	Structural-functional relationships of the optic nerve in glaucoma. *Journal of Glaucoma*, **2000**, 9, 3-4	2.1	7
97	Isolation of short-wavelength sensitive mechanisms in normal and glaucomatous visual field regions. *Journal of Glaucoma*, **2000**, 9, 63-73	2.1	20
96	Current practice with standard automated perimetry. *Seminars in Ophthalmology*, **2000**, 15, 172-81	2.4	20
95	The relationship between structural and functional alterations in glaucoma: a review. *Seminars in Ophthalmology*, **2000**, 15, 221-33	2.4	84
94	Aliasing for rapidly counterphasing stimuli: a failure to demonstrate an M-cell sampling limit to resolution. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2000**, 17, 1703-12	1.8	2
93	Frequency doubling technology perimetry for detection of glaucomatous visual field loss: The reply. *American Journal of Ophthalmology*, **2000**, 130, 860-861	4.9	
92	Frequency doubling technology perimetry for detection of glaucomatous visual field loss. *American Journal of Ophthalmology*, **2000**, 129, 314-22	4.9	181
91	Frequency doubling technology perimetry using a 24--2 stimulus presentation pattern. *Optometry and Vision Science*, **1999**, 76, 571-81	2.1	59
90	Comparison of central and peripheral visual field properties in the optic neuritis treatment trial. *American Journal of Ophthalmology*, **1999**, 128, 543-53	4.9	47
89	Normal aging effects for frequency doubling technology perimetry. *Optometry and Vision Science*, **1999**, 76, 582-7	2.1	45
88	A multicenter comparison study of the Humphrey Field Analyzer I and the Humphrey Field Analyzer II. *Ophthalmology*, **1997**, 104, 1910-7	7.3	3
87	Wavelength Dependent Lens Transmission Properties in Diabetics and Non-Diabetics. *Documenta Ophthalmologica Proceedings Series*, **1997**, 217-220		
86	Standardizing the measurement of visual fields for clinical research: Guidelines from the Eye Care Technology Forum. *Ophthalmology*, **1996**, 103, 186-9	7.3	70

85	Optimum Parameters for Short-Wavelength Automated Perimetry. *Journal of Glaucoma*, **1996**, 5, 375???383	2.1	59
84	Diagnostic value of short-wavelength automated perimetry. *Current Opinion in Ophthalmology*, **1996**, 7, 54-8	5.1	23
83	The Glenn A. Fry Award Lecture. Early losses of visual function in glaucoma. *Optometry and Vision Science*, **1995**, 72, 359-70	2.1	28
82	Short-wavelength automated perimetry in low-, medium-, and high-risk ocular hypertensive eyes. Initial baseline results. *JAMA Ophthalmology*, **1995**, 113, 70-6		75
81	The effect of flicker on foveal and peripheral thresholds for oscillatory motion. *Vision Research*, **1995**, 35, 2179-89	2.1	7
80	Effects of luminance, contrast, and blur on visual acuity. *Optometry and Vision Science*, **1995**, 72, 864-9	2.1	62
79	Aging effects for opponent mechanisms in the central visual field. *Optometry and Vision Science*, **1995**, 72, 75-82	2.1	16
78	Selective Versus Nonselective Losses in Glaucoma. *Journal of Glaucoma*, **1994**, 3, S32???44	2.1	30
77	A prospective three-year study of response properties of normal subjects and patients during automated perimetry. *Ophthalmology*, **1993**, 100, 269-74	7.3	33
76	Benzodiazepine effects on flicker sensitivity: role of stimulus frequency and size. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **1993**, 17, 955-70	5.5	15
75	Blue-on-yellow perimetry can predict the development of glaucomatous visual field loss. *JAMA Ophthalmology*, **1993**, 111, 645-50		287
74	Progression of early glaucomatous visual field loss as detected by blue-on-yellow and standard white-on-white automated perimetry. *JAMA Ophthalmology*, **1993**, 111, 651-6		180
73	Role of automation in new instrumentation. *Optometry and Vision Science*, **1993**, 70, 288-98	2.1	2
72	A noninvasive video-based method for measuring lens transmission properties of the human eye. *Optometry and Vision Science*, **1993**, 70, 944-55	2.1	19
71	Quality control functions of the Visual Field Reading Center (VFRC) for the Optic Neuritis Treatment Trial (ONTT). *Contemporary Clinical Trials*, **1993**, 14, 143-59		49
70	Automated perimetry and short wavelength sensitivity in patients with asymmetric intraocular pressures. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1993**, 231, 274-8	3.8	15
69	Longitudinal comparison of temporal-modulation perimetry with white-on-white and blue-on-yellow perimetry in ocular hypertension and early glaucoma. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1993**, 10, 1792-806	1.8	57
68	Retinoscopic measurement of the refractive state of the rat. *Vision Research*, **1992**, 32, 583-6	2.1	13

67	Temporal and spatial response properties of optic neuritis patients manifesting statokinetic dissociation. *Applied Optics*, **1991**, 30, 2136-42	1.7	1
66	Steady-state and dynamic response properties of the Mandelbaum effect. *Vision Research*, **1991**, 31, 751-60	2.1	12
65	S cone pathway sensitivity loss in ocular hypertension and early glaucoma has nerve fiber bundle pattern. *Documenta Ophthalmologica Proceedings Series*, **1991**, 535-542		3
64	Reliability of Automated Perimetric Tests-Reply. *JAMA Ophthalmology*, **1990**, 108, 778		5
63	Quantitative evaluation of manual kinetic perimetry using computer simulation. *Applied Optics*, **1990**, 29, 1445-50	1.7	5
62	Contrast Sensitivity: A Viewpoint for Clinicians **1990**, 1-4		
61	Visual field loss in migraine. *Ophthalmology*, **1989**, 96, 321-6	7.3	72
60	Visual field damage in normal-tension and high-tension glaucoma. *American Journal of Ophthalmology*, **1989**, 108, 636-42	4.9	81
59	Age-related changes in the central visual field for short-wavelength-sensitive pathways. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1988**, 5, 2131-9	1.8	92
58	Fatigue effects in automated perimetry. *Applied Optics*, **1988**, 27, 1030-7	1.7	53
57	Rapid contrast sensitivity assessment in keratoconus. *Optometry and Vision Science*, **1987**, 64, 693-7	2.1	25
56	Automated kinetic perimetry: an efficient method of evaluating peripheral visual field loss. *Applied Optics*, **1987**, 26, 1409-14	1.7	6
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