Stuart L Graham

List of Publications by Year
in descending order

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231 papers	7,435 citations	57631 44 h-index	95083 68 g-index
238 all docs	238 docs citations	238 times ranked	7052 citing authors

#	Article	IF	Citations
1	Ambulatory Blood Pressure Monitoring in Glaucoma. Ophthalmology, 1995, 102, 61-69.	2.5	259
2	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. Nature Genetics, 2020, 52, 160-166.	9.4	192
3	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. Nature Genetics, 2014, 46, 1120-1125.	9.4	186
4	TrkB Receptor Signalling: Implications in Neurodegenerative, Psychiatric and Proliferative Disorders. International Journal of Molecular Sciences, 2013, 14, 10122-10142.	1.8	185
5	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. Nature Genetics, 2018, 50, 1067-1071.	9.4	152
6	Objective perimetry in glaucoma11Proprietary interest: patent application submitted.. Ophthalmology, 2000, 107, 2283-2299.	2.5	149
7	Axonal loss and myelin in early ON loss in postacute optic neuritis. Annals of Neurology, 2008, 64, 325-331.	2.8	144
8	Multifocal objective perimetry in the detection of glaucomatous field loss11Drs Graham, and Klistorner have patents pending for techniques used by the ObjectiVision system and stock in ObjectiVision. Klistorner is a Sydney Medical Foundation research fellow.. American Journal of Ophthalmology, 2002, 133, 29-39.	1.7	140
9	Assessing Quality of Life in Patients With Glaucoma Using the Glaucoma Quality of Life-15 (GQL-15) Questionnaire. Journal of Glaucoma, 2009, 18, 6-12.	0.8	135
10	Objective VEP Perimetry in Glaucoma: Asymmetry Analysis to Identify Early Deficits. Journal of Glaucoma, 2000, 9, 10-19.	0.8	130
11	BDNF impairment is associated with age-related changes in the inner retina and exacerbates experimental glaucoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1567-1578.	1.8	117
12	Latency Delay of Visual Evoked Potential Is a Real Measurement of Demyelination in a Rat Model of Optic Neuritis. , 2011, 52, 6911.		113
13	Amyloid Î² accumulation and inner retinal degenerative changes in Alzheimerâ€™s disease transgenic mouse. Neuroscience Letters, 2016, 623, 52-56.	1.0	108
14	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. Scientific Reports, 2017, 7, 12685.	1.6	105
15	BDNF Polymorphism: A Review of Its Diagnostic and Clinical Relevance in Neurodegenerative Disorders. , 2018, 9, 523.		101
16	Axonal loss of retinal neurons in multiple sclerosis associated with optic radiation lesions. Neurology, 2014, 82, 2165-2172.	1.5	99
17	Clinical Application of Objective Perimetry Using Multifocal Visual Evoked Potentials in Glaucoma Practice. JAMA Ophthalmology, 2005, 123, 729.	2.6	94
18	Retinal vascular and structural changes are associated with amyloid burden in the elderly: ophthalmic biomarkers of preclinical Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2017, 9, 13.	3.0	88

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19	Central Corneal Thickness, Tonometry, and Ocular Dimensions in Glaucoma and Ocular Hypertension. Journal of Glaucoma, 2001, 10, 206-210.	0.8	87
20	Protective Effects of 7,8-Dihydroxyflavone on Retinal Ganglion and RGC-5 Cells Against Excitotoxic and Oxidative Stress. Journal of Molecular Neuroscience, 2013, 49, 96-104.	1.1	86
21	Demyelination precedes axonal loss in the transneuronal spread of human neurodegenerative disease. Brain, 2019, 142, 426-442.	3.7	78
22	A Deep Learning-Based Algorithm Identifies Glaucomatous Discs Using Monoscopic Fundus Photographs. Ophthalmology Glaucoma, 2018, 1, 15-22.	0.9	77
23	Multifocal VEP and OCT in optic neuritis: a topographical study of the structureâ€“function relationship. Documenta Ophthalmologica, 2009, 118, 129-137.	1.0	75
24	Correlation between full-field and multifocal VEPs in optic neuritis. Documenta Ophthalmologica, 2008, 116, 19-27.	1.0	73
25	Optic neuropathies: characteristic features and mechanisms of retinal ganglion cell loss. Reviews in the Neurosciences, 2013, 24, 301-21.	1.4	73
26	Retinal changes in Alzheimer's diseaseâ€” integrated prospects of imaging, functional and molecular advances. Progress in Retinal and Eye Research, 2021, 82, 100899.	7.3	71
27	Flash and pattern electroretinogram changes with optic atrophy and glaucoma. Experimental Eye Research, 1995, 60, 697-706.	1.2	70
28	Differing Structural and Functional Patterns of Optic Nerve Damage in Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorder. Ophthalmology, 2019, 126, 445-453.	2.5	69
29	Interrelationship of Optical Coherence Tomography and Multifocal Visual-Evoked Potentials after Optic Neuritis. , 2010, 51, 2770.		68
30	Copy Number Variations of TBK1 in Australian Patients With Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2015, 159, 124-130.e1.	1.7	68
31	Detection of Early Visual Field Loss in Glaucoma Using Frequency-Doubling Perimetry and Short-Wavelength Automated Perimetry. JAMA Ophthalmology, 2003, 121, 1705.	2.6	66
32	Glaucoma Pathogenesis and Neurotrophins: Focus on the Molecular and Genetic Basis for Therapeutic Prospects. Current Neuropharmacology, 2018, 16, 1018-1035.	1.4	66
33	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. Clinical and Experimental Ophthalmology, 2012, 40, 569-575.	1.3	64
34	Relationship between Optical Coherence Tomography and Electrophysiology of the Visual Pathway in Non-Optic Neuritis Eyes of Multiple Sclerosis Patients. PLoS ONE, 2014, 9, e102546.	1.1	63
35	Multifocal Visual Evoked Potential Latency Analysis. Archives of Neurology, 2006, 63, 847.	4.9	60
36	One protein, multiple pathologies: multifaceted involvement of amyloid Î² in neurodegenerative disorders of the brain and retina. Cellular and Molecular Life Sciences, 2016, 73, 4279-4297.	2.4	60

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37	Axonal loss in nonâ€“optic neuritis eyes of patients with multiple sclerosis linked to delayed visual evoked potential. Neurology, 2013, 80, 242-245.	1.5	55
38	Comparison of the Humphrey Swedish Interactive Thresholding Algorithm (SITA) and Full Threshold Strategies. Journal of Glaucoma, 2000, 9, 20-27.	0.8	54
39	Evidence of MÃ¼ller Glial Dysfunction in Patients with Aquaporin-4 Immunoglobulin Gâ€“Positive Neuromyelitis Optica Spectrum Disorder. Ophthalmology, 2019, 126, 801-810.	2.5	54
40	Multifocal Visual Evoked Potential Analysis of Inflammatory or Demyelinating Optic Neuritis. Ophthalmology, 2006, 113, 315-323.e2.	2.5	53
41	Decoding Diffusivity in Multiple Sclerosis: Analysis of Optic Radiation Lesional and Non-Lesional White Matter. PLoS ONE, 2015, 10, e0122114.	1.1	52
42	Cell Cycle Deficits in Neurodegenerative Disorders: Uncovering Molecular Mechanisms to Drive Innovative Therapeutic Development. , 2020, 11, 946.		51
43	Multifocal pattern electroretinogram does not demonstrate localised field defects in glaucoma. Documenta Ophthalmologica, 2000, 100, 155-166.	1.0	50
44	Electrophysiological Evidence for Heterogeneity of Lesions in Optic Neuritis. , 2007, 48, 4549.		50
45	Analysis of risk factors that may be associated with progression from ocular hypertension to primary open angle glaucoma. Clinical and Experimental Ophthalmology, 2002, 30, 242-247.	1.3	49
46	Plasma Homocysteine, MTHFR Gene Mutation, and Open-angle Glaucoma. Journal of Glaucoma, 2009, 18, 73-78.	0.8	48
47	Anterograde Degeneration along the Visual Pathway after Optic Nerve Injury. PLoS ONE, 2012, 7, e52061.	1.1	48
48	Latency of Multifocal Visual Evoked Potentials in Nonoptic Neuritis Eyes of Multiple Sclerosis Patients Associated With Optic Radiation Lesions. , 2014, 55, 3758.		46
49	Evidence of progressive tissue loss in the core of chronic MS lesions: A longitudinal DTI study. NeuroImage: Clinical, 2018, 17, 1028-1035.	1.4	46
50	A comparison of short wavelength automated perimetry with frequency doubling perimetry for the early detection of visual field loss in ocular hypertension. Clinical and Experimental Ophthalmology, 2000, 28, 248-252.	1.3	45
51	Intraocular pressureâ€lowering medications and longâ€term outcomes of selective laser trabeculoplasty. Clinical and Experimental Ophthalmology, 2015, 43, 320-327.	1.3	45
52	Afferent visual pathways in multiple sclerosis: a review. Clinical and Experimental Ophthalmology, 2017, 45, 62-72.	1.3	45
53	Performance of iPadâ€based threshold perimetry in glaucoma and controls. Clinical and Experimental Ophthalmology, 2018, 46, 346-355.	1.3	45
54	DBA/2J mouse model for experimental glaucoma: pitfalls and problems. Clinical and Experimental Ophthalmology, 2017, 45, 911-922.	1.3	43

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55	Early Magnocellular Loss in Glaucoma Demonstrated Using the Pseudorandomly Stimulated Flash Visual Evoked Potential. Journal of Glaucoma, 1999, 8, 140???148.	0.8	42
56	FTY720 Protects Retinal Ganglion Cells in Experimental Glaucoma. , 2014, 55, 3060.		41
57	Progression of retinal ganglion cell loss in multiple sclerosis is associated with new lesions in the optic radiations. European Journal of Neurology, 2017, 24, 1392-1398.	1.7	41
58	Upregulation of Proteolytic Pathways and Altered Protein Biosynthesis Underlie Retinal Pathology in a Mouse Model of Alzheimerâ€™s Disease. Molecular Neurobiology, 2019, 56, 6017-6034.	1.9	41
59	Transsynaptic Retinal Degeneration in Optic Neuropathies: Optical Coherence Tomography Study. , 2012, 53, 1271.		40
60	Exploring the Molecular Interactions of 7,8-Dihydroxyflavone and Its Derivatives with TrkB and VEGFR2 Proteins. International Journal of Molecular Sciences, 2015, 16, 21087-21108.	1.8	40
61	Inner Nuclear Layer Thickening Is Inversley Proportional to Retinal Ganglion Cell Loss in Optic Neuritis. PLoS ONE, 2013, 8, e78341.	1.1	39
62	Loss of Shp2 Rescues BDNF/TrkB Signaling and Contributes to Improved Retinal Ganglion Cell Neuroprotection. Molecular Therapy, 2019, 27, 424-441.	3.7	39
63	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. Ophthalmology, 2020, 127, 901-907.	2.5	37
64	Objective Perimetry in Glaucoma. Survey of Ophthalmology, 1999, 43, S199-S209.	1.7	36
65	Remyelination of optic nerve lesions: spatial and temporal factors. Multiple Sclerosis Journal, 2010, 16, 786-795.	1.4	36
66	Bexarotene Modulates Retinoid-X-Receptor Expression and Is Protective Against Neurotoxic Endoplasmic Reticulum Stress Response and Apoptotic Pathway Activation. Molecular Neurobiology, 2018, 55, 9043-9056.	1.9	36
67	Corneal Stiffness Parameters Are Predictive of Structural and Functional Progression in Glaucoma Suspect Eyes. Ophthalmology, 2021, 128, 993-1004.	2.5	36
68	Comparative Analysis of Aducanumab, Zagotenemab and Pioglitazone as Targeted Treatment Strategies for Alzheimerâ€™s Disease. , 2021, 12, 1964.		35
69	Shp-2 regulates the TrkB receptor activity in the retinal ganglion cells under glaucomatous stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1643-1649.	1.8	34
70	Multifocal pattern VEP perimetry: analysis of sectoral waveforms. , 1999, 98, 183-196.		33
71	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. Scientific Reports, 2018, 8, 3124.	1.6	33
72	Electrophysiology: A review of signal origins and applications to investigating glaucoma. Australian and New Zealand Journal of Ophthalmology, 1998, 26, 71-85.	0.4	32

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73	Factors affecting awareness and knowledge of glaucoma among patients presenting to an urban emergency department. Clinical and Experimental Ophthalmology, 2002, 30, 104-109.	1.3	32
74	Dynamic Association between Intraocular Pressure and Spontaneous Pulsations of Retinal Veins. Current Eye Research, 2011, 36, 53-59.	0.7	32
75	Macular Ganglion Cellâ€“Inner Plexiform Layer Loss Precedes Peripapillary Retinal Nerve Fiber Layer Loss in Glaucoma with Lower Intraocular Pressure. Ophthalmology, 2019, 126, 1119-1130.	2.5	32
76	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. JAMA Ophthalmology, 2019, 137, 28.	1.4	32
77	Parallels between retinal and brain pathology and response to immunotherapy in old, lateâ€stage Alzheimer's disease mouse models. Aging Cell, 2020, 19, e13246.	3.0	32
78	Fellow eye changes in optic neuritis correlate with the risk of multiple sclerosis. Multiple Sclerosis Journal, 2009, 15, 928-932.	1.4	31
79	The Effect of the Modified Z Trendelenburg Position on Intraocular Pressure during Robotic Assisted Laparoscopic Radical Prostatectomy: A Randomized, Controlled Study. Journal of Urology, 2015, 193, 1213-1219.	0.2	30
80	A comparison of perimetric results with the Medmont and Humphrey perimeters. British Journal of Ophthalmology, 2003, 87, 690-694.	2.1	29
81	Objective perimetry using the multifocal visual evoked potential in central visual pathway lesions. British Journal of Ophthalmology, 2005, 89, 739-744.	2.1	29
82	Longitudinal effect of topical antiglaucoma medications on central corneal thickness. Clinical and Experimental Ophthalmology, 2013, 41, 348-354.	1.3	29
83	Glaucoma is associated with plasmin proteolytic activation mediated through oxidative inactivation of neuroserpin. Scientific Reports, 2017, 7, 8412.	1.6	29
84	Evolving geographic diversity in SARS-CoV2 and in silico analysis of replicating enzyme 3CLpro targeting repurposed drug candidates. Journal of Translational Medicine, 2020, 18, 278.	1.8	29
85	Expansion of chronic lesions is linked to disease progression in relapsingâ€“remitting multiple sclerosis patients. Multiple Sclerosis Journal, 2021, 27, 1533-1542.	1.4	29
86	Multifocal Blue-on-Yellow Visual Evoked Potentials in Early Glaucoma. Ophthalmology, 2007, 114, 1613-1621.	2.5	28
87	Central Blood Pressure, Arterial Waveform Analysis, and Vascular Risk Factors in Glaucoma. Journal of Glaucoma, 2013, 22, 98-103.	0.8	28
88	Brain derived neurotrophic factor is involved in the regulation of glycogen synthase kinase 3Î² (GSK3Î²) signalling. Biochemical and Biophysical Research Communications, 2014, 454, 381-386.	1.0	28
89	Progressive inner nuclear layer dysfunction in non-optic neuritis eyes in MS. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e427.	3.1	28
90	Amyloid Î² Induces Early Changes in the Ribosomal Machinery, Cytoskeletal Organization and Oxidative Phosphorylation in Retinal Photoreceptor Cells. Frontiers in Molecular Neuroscience, 2019, 12, 24.	1.4	28

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91	Humphrey matrix frequency doubling perimetry for detection of visual-field defects in open-angle glaucoma. British Journal of Ophthalmology, 2009, 93, 582-588.	2.1	27
92	Improving reproducibility of VEP recording in rats: electrodes, stimulus source and peak analysis. Documenta Ophthalmologica, 2011, 123, 109-119.	1.0	27
93	Multifocal VEP assessment of optic neuritis evolution. Clinical Neurophysiology, 2015, 126, 1617-1623.	0.7	27
94	Mitochondrial dysfunction in Alzheimerâ€™s disease - a proteomics perspective. Expert Review of Proteomics, 2021, 18, 295-304.	1.3	27
95	Retinoid X Receptor: Cellular and Biochemical Roles of Nuclear Receptor with a Focus on Neuropathological Involvement. Molecular Neurobiology, 2022, 59, 2027-2050.	1.9	27
96	Electrode position and the multiâ€ffocal visualâ€evoked potential: Role in objective visual field assessment. Australian and New Zealand Journal of Ophthalmology, 1998, 26, S91-4.	0.4	26
97	Prevalence of Nocturnal Oxygen Desaturation and Self-reported Sleep-disordered Breathing in Glaucoma. Journal of Glaucoma, 2009, 18, 114-118.	0.8	26
98	Clinical audit examining the impact of benzalkonium chlorideâ€free antiâ€glaucoma medications on patients with symptoms of ocular surface disease. Clinical and Experimental Ophthalmology, 2015, 43, 214-220.	1.3	26
99	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma. , 2016, 57, 3416.		26
100	Activated protein C resistance â€" low incidence in glaucomatous optic disc haemorrhage and central retinal vein occlusion. Australian and New Zealand Journal of Ophthalmology, 1996, 24, 199-205.	0.4	25
101	Relationship of Structural Characteristics to Biomechanical Profile in Normal, Keratoconic, and Crosslinked Eyes. Cornea, 2015, 34, 791-796.	0.9	25
102	Comparative analysis of corneal measurements obtained from a <scp>S</scp>cheimpflug camera and an integrated <scp>P</scp>lacidoâ€optical coherence tomography device in normal and keratoconic eyes. Acta Ophthalmologica, 2015, 93, e488-94.	0.6	25
103	Myocilin Predictive Genetic Testing for Primary Open-Angle Glaucoma Leads to Early Identification of At-Risk Individuals. Ophthalmology, 2017, 124, 303-309.	2.5	25
104	PTPN11 induces endoplasmic stress and apoptosis in SH-SY5Y cells. Neuroscience, 2017, 364, 175-189.	1.1	25
105	The diagnostic significance of the multifocal pattern visual evoked potential in glaucoma. Current Opinion in Ophthalmology, 1999, 10, 140-146.	1.3	25
106	Selective reduction of oscillatory potentials and pattern electroretinograms after retinal ganglion cell damage by disease in humans or by kainic acid toxicity in cats. Documenta Ophthalmologica, 1991, 77, 237-253.	1.0	24
107	Normalization of Visual Evoked Potentials Using Underlying Electroencephalogram Levels Improves Amplitude Reproducibility in Rats. , 2012, 53, 1473.		24
108	A Topographical Relationship Between Visual Field Defects and Optic Radiation Changes in Glaucoma. , 2014, 55, 5770.		24

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109	Cardiovascular Disease Predicts Structural and Functional Progression in Early Glaucoma. Ophthalmology, 2021, 128, 58-69.	2.5	24
110	Familial amyloidotic polyneuropathy presenting with rubeotic glaucoma. Clinical and Experimental Ophthalmology, 2002, 30, 300-302.	1.3	23
111	Comparison of Objective Diagnostic Tests in Glaucoma. Journal of Glaucoma, 2006, 15, 110-116.	0.8	23
112	Regulation of Brain-Derived Neurotrophic Factor and Growth Factor Signaling Pathways by Tyrosine Phosphatase Shp2 in the Retina: A Brief Review. Frontiers in Cellular Neuroscience, 2018, 12, 85.	1.8	22
113	Lesion activity and chronic demyelination are the major determinants of brain atrophy in MS. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, .	3.1	22
114	Parallel Changes in Structural and Functional Measures of Optic Nerve Myelination after Optic Neuritis. PLoS ONE, 2015, 10, e0121084.	1.1	21
115	Retinoid x receptor modulation protects against ER stress response and rescues glaucoma phenotypes in adult mice. Experimental Neurology, 2019, 314, 111-125.	2.0	21
116	Retinal proteomics of experimental glaucoma model reveal intraocular pressureâ€induced mediators of neurodegenerative changes. Journal of Cellular Biochemistry, 2020, 121, 4931-4944.	1.2	21
117	Chronic demyelination exacerbates neuroaxonal loss in patients with MS with unilateral optic neuritis. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	21
118	Reliability of VEP Recordings Using Chronically Implanted Screw Electrodes in Mice. Translational Vision Science and Technology, 2015, 4, 15.	1.1	20
119	Widespread endotheliopathy in adults with cyanotic congenital heart disease. Cardiology in the Young, 2015, 25, 511-519.	0.4	20
120	Dichoptic Stimulation Improves Detection of Glaucoma with Multifocal Visual Evoked Potentials. , 2007, 48, 4590.		19
121	Quantitative Retinal Vascular Changes in Obstructive Sleep Apnea. American Journal of Ophthalmology, 2017, 182, 72-80.	1.7	19
122	Hemodynamic Interactions in the Eye: A Review. Ophthalmologica, 2012, 228, 214-221.	1.0	18
123	A comparison of global indices between the Medmont Automated Perimeter and the Humphrey Field Analyzer. British Journal of Ophthalmology, 2007, 91, 1285-1287.	2.1	17
124	Reproducibility of multifocal VEP latency using different stimulus presentations. Documenta Ophthalmologica, 2012, 125, 43-49.	1.0	17
125	Diffusivity in multiple sclerosis lesions: At the cutting edge?. NeuroImage: Clinical, 2016, 12, 219-226.	1.4	17
126	Correlation of Retinal Nerve Fibre Layer Thickness and Spontaneous Retinal Venous Pulsations in Glaucoma and Normal Controls. PLoS ONE, 2015, 10, e0128433.	1.1	17

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127	Electrophysiology: a review of signal origins and applications to investigating glaucoma. Australian and New Zealand Journal of Ophthalmology, 1998, 26, 71-85.	0.4	17
128	Contrast Sensitivity for Flickering and Static Letters and Visual Acuity at Isoluminance in Glaucoma. Journal of Glaucoma, 1996, 5, 156???169.	0.8	16
129	Molecular docking, dynamics, and pharmacology studies on bexarotene as an agonist of ligandâ€activated transcription factors, retinoid X receptors. Journal of Cellular Biochemistry, 2019, 120, 11745-11760.	1.2	16
130	Closure of Fornix-based Posttrabeculectomy Conjunctival Wound Leaks With Autologous Fibrin Glue. American Journal of Ophthalmology, 1992, 114, 221-222.	1.7	15
131	Does a Family History of Glaucoma Affect Disease Severity at the Time of Diagnosis?. Journal of Glaucoma, 2003, 12, 31-35.	0.8	15
132	Non-invasive Estimation of Cerebrospinal Fluid Pressure Waveforms by Means of Retinal Venous Pulsatility and Central Aortic Blood Pressure. Annals of Biomedical Engineering, 2012, 40, 1940-1948.	1.3	15
133	Characterizing dynamic properties of retinal vessels in the rat eye using high speed imaging. Microvascular Research, 2014, 92, 56-61.	1.1	15
134	Effect of stimulus check size on multifocal visual evoked potentials. Documenta Ophthalmologica, 2003, 106, 183-188.	1.0	14
135	Identifying Preperimetric Functional Loss in Glaucoma. Ophthalmology, 2009, 116, 1134-1141.	2.5	14
136	Rare variants in optic disc area gene <scp>CARD</scp> 10 enriched in primary openâ€angle glaucoma. Molecular Genetics & Genomic Medicine, 2016, 4, 624-633.	0.6	14
137	Caveolin-1 Ablation Imparts Partial Protection Against Inner Retinal Injury in Experimental Glaucoma and Reduces Apoptotic Activation. Molecular Neurobiology, 2020, 57, 3759-3784.	1.9	14
138	Comparison of clinical optic disc assessment with tests of early visual field loss. Clinical and Experimental Ophthalmology, 2002, 30, 338-342.	1.3	13
139	Effect of pupil size on multifocal pattern visual evoked potentials. Clinical and Experimental Ophthalmology, 2003, 31, 354-356.	1.3	13
140	Comparison of visual field sensitivities between the Medmont automated perimeter and the Humphrey field analyser. Clinical and Experimental Ophthalmology, 2010, 38, 273-276.	1.3	13
141	Progressive Injury in Chronic Multiple Sclerosis Lesions Is Gender-Specific: A DTI Study. PLoS ONE, 2016, 11, e0149245.	1.1	13
142	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma. , 2017, 58, 1537.		13
143	DNA methylation at the 9p21 glaucoma susceptibility locus is associated with normal-tension glaucoma. Ophthalmic Genetics, 2018, 39, 221-227.	0.5	13
144	Trans-synaptic degeneration in the visual pathway: Neural connectivity, pathophysiology, and clinical implications in neurodegenerative disorders. Survey of Ophthalmology, 2022, 67, 411-426.	1.7	13

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145	Identification of Novel Cathepsin B Inhibitors with Implications in Alzheimerâ€™s Disease: Computational Refining and Biochemical Evaluation. Cells, 2021, 10, 1946.	1.8	13
146	TrkB Receptor Agonist 7,8 Dihydroxyflavone is Protective Against the Inner Retinal Deficits Induced by Experimental Glaucoma. Neuroscience, 2022, 490, 36-48.	1.1	13
147	Biomedical signal acquisition with streaming wireless communication for recording evoked potentials. Documenta Ophthalmologica, 2012, 125, 149-159.	1.0	12
148	Axonal Loss in a Rat Model of Optic Neuritis Is Closely Correlated with Visual Evoked Potential Amplitudes Using Electroencephalogram-based Scaling. , 2012, 53, 3662.		12
149	Relationship of change in central corneal thickness to visual field progression in eyes with glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1593-1599.	1.0	12
150	Inner retinal injury in experimental glaucoma is prevented upon AAV mediated Shp2 silencing in a caveolin dependent manner. Theranostics, 2021, 11, 6154-6172.	4.6	12
151	Complement pathway in Alzheimerâ€™s pathology and retinal neurodegenerative disorders â€“ the road ahead. Neural Regeneration Research, 2020, 15, 257.	1.6	12
152	Minimising retinal vessel artefacts in optical coherence tomography images. Computer Methods and Programs in Biomedicine, 2011, 104, 206-211.	2.6	11
153	Gaussian wavelet transform and classifier to reliably estimate latency of multifocal visual evoked potentials (mfVEP). Vision Research, 2012, 52, 79-87.	0.7	11
154	Ophthalmological consequences of cyanotic congenital heart disease: vascular parameters and nerve fibre layer. Clinical and Experimental Ophthalmology, 2015, 43, 115-123.	1.3	11
155	Prevalence and type of artefact with spectral domain optical coherence tomography macular ganglion cell imaging in glaucoma surveillance. PLoS ONE, 2018, 13, e0206684.	1.1	11
156	A Polygenic Risk Score Predicts Intraocular Pressure Readings Outside Office Hours andÂEarly Morning Spikes as Measured by HomeÂTonometry. Ophthalmology Glaucoma, 2021, 4, 411-420.	0.9	11
157	A Proteomic View of Cellular and Molecular Effects of Cannabis. Biomolecules, 2021, 11, 1411.	1.8	11
158	Neuroserpin, a crucial regulator for axogenesis, synaptic modelling and cellâ€“cell interactions in the pathophysiology of neurological disease. Cellular and Molecular Life Sciences, 2022, 79, 172.	2.4	11
159	New magnetic resonance imaging techniques identify cortical changes in glaucoma. Clinical and Experimental Ophthalmology, 2013, 41, 3-5.	1.3	10
160	Multifocal Visual Evoked Responses to Dichoptic Stimulation Using Virtual Reality Goggles: Multifocal VER to Dichoptic Stimulation. Documenta Ophthalmologica, 2006, 112, 189-199.	1.0	9
161	Correlation of structural retinal nerve fibre layer parameters and functional measures using Heidelberg Retinal Tomography and Spectralis spectral domain optical coherence tomography at different levels of glaucoma severity. Clinical and Experimental Ophthalmology, 2012, 40, 802-812.	1.3	9
162	The Dynamic Response of Intraocular Pressure and Ocular Pulse Amplitude to Acute Hemodynamic Changes in Normal and Glaucomatous Eyes. , 2013, 54, 6960.		9

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163	Carbohydrate ingestion induces differential autonomic dysregulation in normal-tension glaucoma and primary open angle glaucoma. PLoS ONE, 2018, 13, e0198432.	1.1	9
164	The expansion and severity of chronic MS lesions follows a periventricular gradient. Multiple Sclerosis Journal, 2022, 28, 1504-1514.	1.4	9
165	Retinal ganglion cell-specific genetic regulation in primary open-angle glaucoma. Cell Genomics, 2022, 2, 100142.	3.0	9
166	Effect of Eccentricity on Pattern-pulse Multifocal VEP. Documenta Ophthalmologica, 2005, 110, 209-218.	1.0	8
167	Pathophysiological basis of low contrast visual acuity loss in multiple sclerosis. Annals of Clinical and Translational Neurology, 2018, 5, 1505-1512.	1.7	8
168	Diffusivity in the core of chronic multiple sclerosis lesions. PLoS ONE, 2018, 13, e0194142.	1.1	8
169	Sex-Specific Effect of BDNF Val66Met Genotypes on the Progression of Open-Angle Glaucoma. , 2019, 60, 1069.		8
170	Interferon-Î² Is Less Effective Than Other Drugs in Controlling the Rate of Retinal Ganglion Cell Loss in MS. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	8
171	Latency of Multifocal Visual Evoked Potential in Multiple Sclerosis: A Visual Pathway Biomarker for Clinical Trials of Remyelinating Therapies. Journal of Clinical Neurophysiology, 2021, 38, 186-191.	0.9	8
172	Whole exome sequencing implicates eye development, the unfolded protein response and plasma membrane homeostasis in primary open-angle glaucoma. PLoS ONE, 2017, 12, e0172427.	1.1	8
173	Amyloid-beta peptide neurotoxicity in human neuronal cells is associated with modulation of insulin-like growth factor transport, lysosomal machinery and extracellular matrix receptor interactions. Neural Regeneration Research, 2020, 15, 2131.	1.6	8
174	Incomplete Reiter's syndrome with focal involvement of the posterior segment. Australian and New Zealand Journal of Ophthalmology, 1995, 23, 63-66.	0.4	7
175	Normal-Tension Glaucoma. Journal of Glaucoma, 2003, 12, 164-166.	0.8	7
176	A Comparison of Diagnostic Protocols for Interpretation of Frequency Doubling Perimetry Visual Fields in Glaucoma. Journal of Glaucoma, 2006, 15, 310-314.	0.8	7
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