

Stuart L Graham

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

5,299
citations

39
h-index

61
g-index

238
ext. papers

6,396
ext. citations

4.7
avg, IF

5.59
L-index

#	Paper	IF	Citations
224	Retinoid X Receptor: Cellular and Biochemical Roles of Nuclear Receptor with a Focus on Neuropathological Involvement.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
223	Genetic Risk of Cardiovascular Disease Is Associated with Macular Ganglion Cell Inner Plexiform Layer Thinning in an Early Glaucoma Cohort. <i>Ophthalmology Science</i> , 2022 , 2, 100108		
222	Analysis of Multifocal Visual Evoked Potentials Using Artificial Intelligence Algorithms.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 10	3.3	
221	Neuroserpin, a crucial regulator for axogenesis, synaptic modelling and cell-cell interactions in the pathophysiology of neurological disease.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 172	10.3	0
220	The expansion and severity of chronic MS lesions follows a periventricular gradient.. <i>Multiple Sclerosis Journal</i> , 2022 , 13524585221080667	5	1
219	The APOE E4 allele is associated with faster rates of neuroretinal thinning in a prospective cohort study of suspect and early glaucoma. <i>Ophthalmology Science</i> , 2022 , 100159		0
218	A Polygenic Risk Score Predicts Intraocular Pressure Readings Outside Office Hours and Early Morning Spikes as Measured by Home Tonometry. <i>Ophthalmology Glaucoma</i> , 2021 , 4, 411-420	2.2	3
217	Comparative Analysis of Aducanumab, Zagotenemab and Pioglitazone as Targeted Treatment Strategies for Alzheimer's Disease 2021 , 12, 1964-1976		8
216	Efficient capture of high-quality real-world data on treatments for glaucoma: the Fight Glaucoma Blindness! Registry. <i>BMJ Open Ophthalmology</i> , 2021 , 6, e000903	3.2	1
215	Role of Multifocal Visually Evoked Potential as a Biomarker of Demyelination, Spontaneous Remyelination, and Myelin Repair in Multiple Sclerosis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 725187	5.1	0
214	Latency of Multifocal Visual Evoked Potential in Multiple Sclerosis: A Visual Pathway Biomarker for Clinical Trials of Remyelinating Therapies. <i>Journal of Clinical Neurophysiology</i> , 2021 , 38, 186-191	2.2	3
213	Expansion of chronic lesions is linked to disease progression in relapsing-remitting multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1533-1542	5	4
212	Corneal Stiffness Parameters Are Predictive of Structural and Functional Progression in Glaucoma Suspect Eyes. <i>Ophthalmology</i> , 2021 , 128, 993-1004	7.3	11
211	Mouse model of Alzheimer's disease demonstrates differential effects of early disease pathology on various brain regions. <i>Proteomics</i> , 2021 , 21, e2000213	4.8	1
210	Mitochondrial dysfunction in Alzheimer's disease - a proteomics perspective. <i>Expert Review of Proteomics</i> , 2021 , 18, 295-304	4.2	7
209	The impact of continuous positive airway pressure treatment on retinal vascular changes in obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 983-991	3.1	1
208	Trans-synaptic degeneration in the visual pathway: Neural connectivity, pathophysiology, and clinical implications in neurodegenerative disorders. <i>Survey of Ophthalmology</i> , 2021 ,	6.1	1

207	Cardiovascular Disease Predicts Structural and Functional Progression in Early Glaucoma. <i>Ophthalmology</i> , 2021 , 128, 58-69	7.3	10
206	Retinal changes in Alzheimer [®] disease- integrated prospects of imaging, functional and molecular advances. <i>Progress in Retinal and Eye Research</i> , 2021 , 82, 100899	20.5	25
205	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis. <i>PLoS ONE</i> , 2021 , 16, e0244766	3.7	3
204	Inner retinal injury in experimental glaucoma is prevented upon AAV mediated Shp2 silencing in a caveolin dependent manner. <i>Theranostics</i> , 2021 , 11, 6154-6172	12.1	1
203	Artificial Intelligence and Glaucoma. <i>Current Practices in Ophthalmology</i> , 2021 , 75-89	0	
202	Interferon- β s Less Effective Than Other Drugs in Controlling the Rate of Retinal Ganglion Cell Loss in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	3
201	Identification of Novel Cathepsin B Inhibitors with Implications in Alzheimer [®] Disease: Computational Refining and Biochemical Evaluation. <i>Cells</i> , 2021 , 10,	7.9	2
200	Use baseline axial length measurements in myopic patients to predict the control of myopia with and without atropine 0.01. <i>PLoS ONE</i> , 2021 , 16, e0254061	3.7	1
199	Expansion of chronic MS lesions is associated with an increase of radial diffusivity in periplaque white matter. <i>Multiple Sclerosis Journal</i> , 2021 , 13524585211033464	5	1
198	A Proteomic View of Cellular and Molecular Effects of Cannabis. <i>Biomolecules</i> , 2021 , 11,	5.9	2
197	Aging, brain-derived neurotrophic factor (BDNF) and its Val66Met polymorphism: a focus on neuropsychology, the visual system, and brain structures 2021 , 17-25		
196	Computational refinement identifies functional destructive single nucleotide polymorphisms associated with human retinoid X receptor gene.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-21	3.6	2
195	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		
194	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		
193	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		
192	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		
191	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		
190	Differentiating axonal loss and demyelination in chronic MS lesions: A novel approach using single streamline diffusivity analysis 2021 , 16, e0244766		

189	Caveolin-1 Ablation Imparts Partial Protection Against Inner Retinal Injury in Experimental Glaucoma and Reduces Apoptotic Activation. <i>Molecular Neurobiology</i> , 2020 , 57, 3759-3784	6.2	7
188	Recurrent Optic Disc Hemorrhage and Its Association with Visual Field Deterioration in Glaucoma. <i>Ophthalmology Glaucoma</i> , 2020 , 3, 443-452	2.2	0
187	Determination of retinal nerve fibre layer and ganglion cell/inner plexiform layers progression rates using two optical coherence tomography systems: The PROGRESSA study. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 915-926	2.4	1
186	Effect of phacoemulsification cataract surgery on intraocular pressure in early glaucoma: A prospective multi-site study. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 442-449	2.4	2
185	Cell Cycle Deficits in Neurodegenerative Disorders: Uncovering Molecular Mechanisms to Drive Innovative Therapeutic Development 2020 , 11, 946-966		14
184	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , 2020 , 52, 160-166	36.3	78
183	Chronic demyelination exacerbates neuroaxonal loss in patients with MS with unilateral optic neuritis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	9
182	Complement pathway in Alzheimer β pathology and retinal neurodegenerative disorders - the road ahead. <i>Neural Regeneration Research</i> , 2020 , 15, 257-258	4.5	7
181	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. <i>Neural Regeneration Research</i> , 2020 , 15, 2131-2142	4.5	3
180	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. <i>Ophthalmology</i> , 2020 , 127, 901-907	7.3	12
179	Parallels between retinal and brain pathology and response to immunotherapy in old, late-stage Alzheimer β disease mouse models. <i>Aging Cell</i> , 2020 , 19, e13246	9.9	16
178	Retinal proteomics of experimental glaucoma model reveal intraocular pressure-induced mediators of neurodegenerative changes. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 4931	4.7	9
177	Evolving geographic diversity in SARS-CoV2 and in silico analysis of replicating enzyme 3CL targeting repurposed drug candidates. <i>Journal of Translational Medicine</i> , 2020 , 18, 278	8.5	22
176	Reply. <i>Ophthalmology</i> , 2019 , 126, e64-e65	7.3	
175	Demyelination precedes axonal loss in the transneuronal spread of human neurodegenerative disease. <i>Brain</i> , 2019 , 142, 426-442	11.2	54
174	Retinoid x receptor modulation protects against ER stress response and rescues glaucoma phenotypes in adult mice. <i>Experimental Neurology</i> , 2019 , 314, 111-125	5.7	14
173	Upregulation of Proteolytic Pathways and Altered Protein Biosynthesis Underlie Retinal Pathology in a Mouse Model of Alzheimer β Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 6017-6034	6.2	23
172	Macular Ganglion Cell-Inner Plexiform Layer Loss Precedes Peripapillary Retinal Nerve Fiber Layer Loss in Glaucoma with Lower Intraocular Pressure. <i>Ophthalmology</i> , 2019 , 126, 1119-1130	7.3	21

171	Sex-Specific Effect of BDNF Val66Met Genotypes on the Progression of Open-Angle Glaucoma 2019 , 60, 1069-1075		4
170	Evidence of Müller Glial Dysfunction in Patients with Aquaporin-4 Immunoglobulin G-Positive Neuromyelitis Optica Spectrum Disorder. <i>Ophthalmology</i> , 2019 , 126, 801-810	7.3	26
169	Molecular docking, dynamics, and pharmacology studies on bexarotene as an agonist of ligand-activated transcription factors, retinoid X receptors. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 11745	4.7	11
168	Amyloid β Induces Early Changes in the Ribosomal Machinery, Cytoskeletal Organization and Oxidative Phosphorylation in Retinal Photoreceptor Cells. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 24	6.1	18
167	Differing Structural and Functional Patterns of Optic Nerve Damage in Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorder. <i>Ophthalmology</i> , 2019 , 126, 445-453	7.3	39
166	Bilateral Optic Atrophy from a Silent Occipital Lesion. <i>Ophthalmology</i> , 2019 , 126, 979	7.3	2
165	Lesion activity and chronic demyelination are the major determinants of brain atrophy in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6,	9.1	10
164	Association Between BDNF Val66Met Polymorphism and Optic Neuritis Damage in Neuromyelitis Optica Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1236	5.1	2
163	Loss of Shp2 Rescues BDNF/TrkB Signaling and Contributes to Improved Retinal Ganglion Cell Neuroprotection. <i>Molecular Therapy</i> , 2019 , 27, 424-441	11.7	22
162	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. <i>JAMA Ophthalmology</i> , 2019 , 137, 28-35	3.9	14
161	Bexarotene Modulates Retinoid-X-Receptor Expression and Is Protective Against Neurotoxic Endoplasmic Reticulum Stress Response and Apoptotic Pathway Activation. <i>Molecular Neurobiology</i> , 2018 , 55, 9043-9056	6.2	26
160	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. <i>Scientific Reports</i> , 2018 , 8, 3124	4.9	25
159	Progressive inner nuclear layer dysfunction in non-optic neuritis eyes in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018 , 5, e427	9.1	23
158	DNA methylation at the 9p21 glaucoma susceptibility locus is associated with normal-tension glaucoma. <i>Ophthalmic Genetics</i> , 2018 , 39, 221-227	1.2	10
157	Evidence of progressive tissue loss in the core of chronic MS lesions: A longitudinal DTI study. <i>NeuroImage: Clinical</i> , 2018 , 17, 1028-1035	5.3	22
156	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. <i>Nature Genetics</i> , 2018 , 50, 1067-1071	36.3	86
155	Regulation of Brain-Derived Neurotrophic Factor and Growth Factor Signaling Pathways by Tyrosine Phosphatase Shp2 in the Retina: A Brief Review. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 85	6.1	18
154	BDNF Polymorphism: A Review of Its Diagnostic and Clinical Relevance in Neurodegenerative Disorders 2018 , 9, 523-536		65

153	Glaucoma Pathogenesis and Neurotrophins: Focus on the Molecular and Genetic Basis for Therapeutic Prospects. <i>Current Neuropharmacology</i> , 2018 , 16, 1018-1035	7.6	39
152	Performance of iPad-based threshold perimetry in glaucoma and controls. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 346-355	2.4	31
151	Pathophysiological basis of low contrast visual acuity loss in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 1505-1512	5.3	3
150	Prevalence and type of artefact with spectral domain optical coherence tomography macular ganglion cell imaging in glaucoma surveillance. <i>PLoS ONE</i> , 2018 , 13, e0206684	3.7	7
149	Diffusivity in the core of chronic multiple sclerosis lesions. <i>PLoS ONE</i> , 2018 , 13, e0194142	3.7	6
148	Carbohydrate ingestion induces differential autonomic dysregulation in normal-tension glaucoma and primary open angle glaucoma. <i>PLoS ONE</i> , 2018 , 13, e0198432	3.7	3
147	A Deep Learning-Based Algorithm Identifies Glaucomatous Discs Using Monoscopic Fundus Photographs. <i>Ophthalmology Glaucoma</i> , 2018 , 1, 15-22	2.2	46
146	Afferent visual pathways in multiple sclerosis: a review. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 62-72	2.4	28
145	DBA/2J mouse model for experimental glaucoma: pitfalls and problems. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 911-922	2.4	24
144	Myocilin Predictive Genetic Testing for Primary Open-Angle Glaucoma Leads to Early Identification of At-Risk Individuals. <i>Ophthalmology</i> , 2017 , 124, 303-309	7.3	17
143	PTPN11 induces endoplasmic stress and apoptosis in SH-SY5Y cells. <i>Neuroscience</i> , 2017 , 364, 175-189	3.9	15
142	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. <i>Scientific Reports</i> , 2017 , 7, 12685	4.9	65
141	Glaucoma is associated with plasmin proteolytic activation mediated through oxidative inactivation of neuroserpin. <i>Scientific Reports</i> , 2017 , 7, 8412	4.9	17
140	Quantitative Retinal Vascular Changes in Obstructive Sleep Apnea. <i>American Journal of Ophthalmology</i> , 2017 , 182, 72-80	4.9	15
139	Progression of retinal ganglion cell loss in multiple sclerosis is associated with new lesions in the optic radiations. <i>European Journal of Neurology</i> , 2017 , 24, 1392-1398	6	29
138	Retinal vascular and structural changes are associated with amyloid burden in the elderly: ophthalmic biomarkers of preclinical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017 , 9, 13	9	58
137	Computational analysis unravels novel destructive single nucleotide polymorphisms in the non-synonymous region of human caveolin gene. <i>Gene Reports</i> , 2017 , 6, 142-157	1.4	6
136	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma 2017 , 58, 1537-1544		11

135	Whole exome sequencing implicates eye development, the unfolded protein response and plasma membrane homeostasis in primary open-angle glaucoma. <i>PLoS ONE</i> , 2017 , 12, e0172427	3.7	8
134	The association between retinal vein pulsation pressure and optic disc haemorrhages in glaucoma. <i>PLoS ONE</i> , 2017 , 12, e0182316	3.7	4
133	Diffusivity in multiple sclerosis lesions: At the cutting edge?. <i>NeuroImage: Clinical</i> , 2016 , 12, 219-26	5.3	15
132	High speed in-vivo imaging of retinal hemodynamics in a rodent model of hypertension. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 3243-3246	0.9	2
131	One protein, multiple pathologies: multifaceted involvement of amyloid β in neurodegenerative disorders of the brain and retina. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 4279-4297	10.3	46
130	Progressive Injury in Chronic Multiple Sclerosis Lesions Is Gender-Specific: A DTI Study. <i>PLoS ONE</i> , 2016 , 11, e0149245	3.7	9
129	Genetic Association at the 9p21 Glaucoma Locus Contributes to Sex Bias in Normal-Tension Glaucoma 2016 , 57, 3416-21		23
128	Carbohydrate ingestion induces sex-specific cardiac vagal inhibition, but not vascular sympathetic modulation, in healthy older women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R49-56	3.2	6
127	Rare variants in optic disc area gene enriched in primary open-angle glaucoma. <i>Molecular Genetics & Genomic Medicine</i> , 2016 , 4, 624-633	2.3	5
126	Molecular determinants and interaction data of cyclic peptide inhibitor with the extracellular domain of TrkB receptor. <i>Data in Brief</i> , 2016 , 6, 776-82	1.2	5
125	Amyloid β accumulation and inner retinal degenerative changes in Alzheimer's disease transgenic mouse. <i>Neuroscience Letters</i> , 2016 , 623, 52-6	3.3	73
124	Multifocal VEP assessment of optic neuritis evolution. <i>Clinical Neurophysiology</i> , 2015 , 126, 1617-23	4.3	21
123	Comparative analysis of corneal measurements obtained from a Scheimpflug camera and an integrated Placido-optical coherence tomography device in normal and keratoconic eyes. <i>Acta Ophthalmologica</i> , 2015 , 93, e488-94	3.7	20
122	Copy number variations of TBK1 in Australian patients with primary open-angle glaucoma. <i>American Journal of Ophthalmology</i> , 2015 , 159, 124-30.e1	4.9	54
121	P4-222: Interaction with neuroserpin may be involved in the impairment of protease mediated amyloid β clearance from the brain and retina 2015 , 11, P864-P865		2
120	Ophthalmological consequences of cyanotic congenital heart disease: vascular parameters and nerve fibre layer. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 115-23	2.4	9
119	Intraocular pressure-lowering medications and long-term outcomes of selective laser trabeculoplasty. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 320-7	2.4	29
118	Visual Evoked Potential Recording in a Rat Model of Experimental Optic Nerve Demyelination. <i>Journal of Visualized Experiments</i> , 2015 , e52934	1.6	5

117	The effect of the modified Z trendelenburg position on intraocular pressure during robotic assisted laparoscopic radical prostatectomy: a randomized, controlled study. <i>Journal of Urology</i> , 2015 , 193, 1213-9 ⁵	2.5	23
116	Clinical audit examining the impact of benzalkonium chloride-free anti-glaucoma medications on patients with symptoms of ocular surface disease. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 214-20	2.4	17
115	Relationship of Structural Characteristics to Biomechanical Profile in Normal, Keratoconic, and Crosslinked Eyes. <i>Cornea</i> , 2015 , 34, 791-6	3.1	19
114	Reliability of VEP Recordings Using Chronically Implanted Screw Electrodes in Mice. <i>Translational Vision Science and Technology</i> , 2015 , 4, 15	3.3	14
113	Exploring the Molecular Interactions of 7,8-Dihydroxyflavone and Its Derivatives with TrkB and VEGFR2 Proteins. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 21087-108	6.3	30
112	Optimizing the Detection of Preperimetric Glaucoma by Combining Structural and Functional Tests 2015 , 56, 7794-7800		3
111	Parallel changes in structural and functional measures of optic nerve myelination after optic neuritis. <i>PLoS ONE</i> , 2015 , 10, e0121084	3.7	18
110	Decoding diffusivity in multiple sclerosis: analysis of optic radiation lesional and non-lesional white matter. <i>PLoS ONE</i> , 2015 , 10, e0122114	3.7	42
109	Widespread endotheliopathy in adults with cyanotic congenital heart disease. <i>Cardiology in the Young</i> , 2015 , 25, 511-9	1	17
108	Electrophysiology in Glaucoma Assessment 2015 , 149-168		1
107	Correlation of retinal nerve fibre layer thickness and spontaneous retinal venous pulsations in glaucoma and normal controls. <i>PLoS ONE</i> , 2015 , 10, e0128433	3.7	11
106	FTY720 protects retinal ganglion cells in experimental glaucoma 2014 , 55, 3060-6		31
105	A topographical relationship between visual field defects and optic radiation changes in glaucoma 2014 , 55, 5770-5		19
104	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. <i>Nature Genetics</i> , 2014 , 46, 1120-1125	36.3	141
103	Axonal loss of retinal neurons in multiple sclerosis associated with optic radiation lesions. <i>Neurology</i> , 2014 , 82, 2165-72	6.5	83
102	BDNF impairment is associated with age-related changes in the inner retina and exacerbates experimental glaucoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1567-78	6.9	88
101	Relationship between optical coherence tomography and electrophysiology of the visual pathway in non-optic neuritis eyes of multiple sclerosis patients. <i>PLoS ONE</i> , 2014 , 9, e102546	3.7	51
100	Brain derived neurotrophic factor is involved in the regulation of glycogen synthase kinase 3 β (GSK3 β) signalling. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 454, 381-6	3.4	24

99	Latency of multifocal visual evoked potentials in nonoptic neuritis eyes of multiple sclerosis patients associated with optic radiation lesions 2014 , 55, 3758-64		36
98	Characterizing dynamic properties of retinal vessels in the rat eye using high speed imaging. <i>Microvascular Research</i> , 2014 , 92, 56-61	3.7	11
97	Relationship of change in central corneal thickness to visual field progression in eyes with glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 1593-9	3.8	11
96	Optic neuropathies: characteristic features and mechanisms of retinal ganglion cell loss. <i>Reviews in the Neurosciences</i> , 2013 , 24, 301-21	4.7	54
95	Longitudinal effect of topical antiglaucoma medications on central corneal thickness. <i>Clinical and Experimental Ophthalmology</i> , 2013 , 41, 348-54	2.4	20
94	Protective effects of 7,8-dihydroxyflavone on retinal ganglion and RGC-5 cells against excitotoxic and oxidative stress. <i>Journal of Molecular Neuroscience</i> , 2013 , 49, 96-104	3.3	69
93	Visual Evoked Potential Recording in Rodents. <i>Neuromethods</i> , 2013 , 275-285	0.4	2
92	The Visual Evoked Potential in Humans. <i>Neuromethods</i> , 2013 , 287-299	0.4	
91	Axonal loss in non-optic neuritis eyes of patients with multiple sclerosis linked to delayed visual evoked potential. <i>Neurology</i> , 2013 , 80, 242-5	6.5	46
90	TrkB receptor signalling: implications in neurodegenerative, psychiatric and proliferative disorders. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 10122-42	6.3	131
89	The dynamic response of intraocular pressure and ocular pulse amplitude to acute hemodynamic changes in normal and glaucomatous eyes 2013 , 54, 6960-7		7
88	Central blood pressure, arterial waveform analysis, and vascular risk factors in glaucoma. <i>Journal of Glaucoma</i> , 2013 , 22, 98-103	2.1	25
87	Inner nuclear layer thickening is inversely proportional to retinal ganglion cell loss in optic neuritis. <i>PLoS ONE</i> , 2013 , 8, e78341	3.7	29
86	Gaussian wavelet transform and classifier to reliably estimate latency of multifocal visual evoked potentials (mfVEP). <i>Vision Research</i> , 2012 , 52, 79-87	2.1	11
85	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. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 802-12	2.4	9
84	Australian and New Zealand Registry of Advanced Glaucoma: methodology and recruitment. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 569-75	2.4	45
83	Non-invasive estimation of cerebrospinal fluid pressure waveforms by means of retinal venous pulsatility and central aortic blood pressure. <i>Annals of Biomedical Engineering</i> , 2012 , 40, 1940-8	4.7	12
82	Biomedical signal acquisition with streaming wireless communication for recording evoked potentials. <i>Documenta Ophthalmologica</i> , 2012 , 125, 149-59	2.2	9

81	Focus on molecules: Sphingosine 1 Phosphate (S1P). <i>Experimental Eye Research</i> , 2012 , 103, 119-20	3.7	4
80	Axonal loss in a rat model of optic neuritis is closely correlated with visual evoked potential amplitudes using electroencephalogram-based scaling 2012 , 53, 3662		8
79	Shp-2 regulates the TrkB receptor activity in the retinal ganglion cells under glaucomatous stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 1643-9	6.9	25
78	Spontaneous retinal venous pulsatility in patients with cyanotic congenital heart disease. <i>Heart and Vessels</i> , 2012 , 27, 618-23	2.1	4
77	Anterograde degeneration along the visual pathway after optic nerve injury. <i>PLoS ONE</i> , 2012 , 7, e52061	3.7	37
76	Normalization of visual evoked potentials using underlying electroencephalogram levels improves amplitude reproducibility in rats 2012 , 53, 1473-8		20
75	Transsynaptic retinal degeneration in optic neuropathies: optical coherence tomography study 2012 , 53, 1271-5		35
74	Reproducibility of multifocal VEP latency using different stimulus presentations. <i>Documenta Ophthalmologica</i> , 2012 , 125, 43-9	2.2	13
73	Visualization of orbital flow by means of phase contrast MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 3384-7	0.9	3
72	Hemodynamic interactions in the eye: a review. <i>Ophthalmologica</i> , 2012 , 228, 214-21	3.7	12
71	Non-invasive cerebrospinal fluid pressure estimation using multi-layer perceptron neural networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 5278-81	0.9	3
70	Frequency dependent transmission characteristics between arterial blood pressure and intracranial pressure in rats. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 5111-7	0.9	
69	Latency delay of visual evoked potential is a real measurement of demyelination in a rat model of optic neuritis 2011 , 52, 6911-8		90
68	Minimising retinal vessel artefacts in optical coherence tomography images. <i>Computer Methods and Programs in Biomedicine</i> , 2011 , 104, 206-11	6.9	9
67	Improving reproducibility of VEP recording in rats: electrodes, stimulus source and peak analysis. <i>Documenta Ophthalmologica</i> , 2011 , 123, 109-19	2.2	21
66	Dynamic association between intraocular pressure and spontaneous pulsations of retinal veins. <i>Current Eye Research</i> , 2011 , 36, 53-9	2.9	25
65	Low-luminance contrast stimulation is optimal for early detection of glaucoma using multifocal visual evoked potentials 2011 , 52, 3744-50		6
64	Dichoptic suppression of mfVEP amplitude: effect of retinal eccentricity and simulated unilateral visual impairment 2010 , 51, 6549-55		1

63	Interrelationship of optical coherence tomography and multifocal visual-evoked potentials after optic neuritis 2010 , 51, 2770-7		62
62	Remyelination of optic nerve lesions: spatial and temporal factors. <i>Multiple Sclerosis Journal</i> , 2010 , 16, 786-95	5	32
61	Comparison of visual field sensitivities between the Medmont automated perimeter and the Humphrey field analyser. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 273-6	2.4	10
60	Non-invasive Estimation of Intracranial Pressure by Means of Retinal Venous Pulsatility. <i>IFMBE Proceedings</i> , 2010 , 81-84	0.2	2
59	Fellow eye changes in optic neuritis correlate with the risk of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 928-32	5	27
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