

# Andrew Charles James

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,612  
citations

430874

18  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feedback Connections Act on the Early Part of the Responses in Monkey Visual Cortex. Journal of Neurophysiology, 2001, 85, 134-145.	1.8	293
2	Chapter 13 The role of feedback connections in shaping the responses of visual cortical neurons. Progress in Brain Research, 2001, 134, 193-204.	1.4	174
3	Response Modulations by Static Texture Surround in Area V1 of the Macaque Monkey Do Not Depend on Feedback Connections From V2. Journal of Neurophysiology, 2001, 85, 146-163.	1.8	125
4	The Pattern-Pulse Multifocal Visual Evoked Potential. , 2003, 44, 879.		86
5	Testing for glaucoma with the spatial frequency doubling illusion. Vision Research, 1999, 39, 4258-4273.	1.4	79
6	Effect of temporal sparseness and dichoptic presentation on multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 45-54.	1.0	57
7	Multifocal pupillographic visual field testing in glaucoma. Clinical and Experimental Ophthalmology, 2009, 37, 678-686.	2.6	51
8	Dichoptic Multifocal Pupillography Reveals Afferent Visual Field Defects in Early Type 2 Diabetes. , 2010, 51, 602.		44
9	Sparse multifocal stimuli for the detection of multiple sclerosis. Annals of Neurology, 2005, 57, 904-913.	5.3	43
10	High-Resolution Multifocal Pupillographic Objective Perimetry in Glaucoma. , 2011, 52, 604.		43
11	Blue Multifocal Pupillographic Objective Perimetry in Glaucoma. , 2015, 56, 6394.		39
12	Contrast response of temporally sparse dichoptic multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 153-162.	1.0	37
13	Quantitative multifocal fMRI shows active suppression in human V1. Human Brain Mapping, 2008, 29, 1001-1014.	3.6	31
14	Luminance and colour variant pupil perimetry in glaucoma. Clinical and Experimental Ophthalmology, 2014, 42, 815-824.	2.6	31
15	Contraction Anisocoria: Segregation, Summation, and Saturation in the Pupillary Pathway. , 2011, 52, 2365.		30
16	The Pupillary Response to Color and Luminance Variant Multifocal Stimuli. , 2013, 54, 467.		29
17	Comparing multifocal pupillographic objective perimetry (mfPOP) and multifocal visual evoked potentials (mfVEP) in retinal diseases. Scientific Reports, 2017, 7, 45847.	3.3	29
18	Multifocal Blue-on-Yellow Visual Evoked Potentials in Early Glaucoma. Ophthalmology, 2007, 114, 1613-1621.	5.2	28

#	ARTICLE	IF	CITATIONS
19	Retinotopic effects of visual attention revealed by dichoptic multifocal pupillography. <i>Scientific Reports</i> , 2018, 8, 2991.	3.3	28
20	A Spatiotemporal White Noise Analysis of Photoreceptor Responses to UV and Green Light in the Dragonfly Median Ocellus. <i>Journal of General Physiology</i> , 2005, 126, 481-497.	1.9	27
21	Multifocal Pupillography in Early Age-Related Macular Degeneration. <i>Optometry and Vision Science</i> , 2014, 91, 904-915.	1.2	26
22	Multifocal Pupillography Identifies Ranibizumab-Induced Changes in Retinal Function for Exudative Age-Related Macular Degeneration. , 2012, 53, 253.		23
23	High- versus low-density multifocal pupillographic objective perimetry in glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 140-147.	2.6	23
24	Multifocal Pupillography Identifies Changes in Visual Sensitivity According to Severity of Diabetic Retinopathy in Type 2 Diabetes. , 2015, 56, 4504.		23
25	Color opponent retinal ganglion cells in the tammar wallaby retina. <i>Journal of Vision</i> , 2002, 2, 3.	0.3	21
26	Multifocal Pupillographic Perimetry With White and Colored Stimuli. <i>Journal of Glaucoma</i> , 2011, 20, 336-343.	1.6	20
27	Multifocal Pupillographic Assessment of Age-Related Macular Degeneration. <i>Optometry and Vision Science</i> , 2011, 88, 1477-1485.	1.2	20
28	Spatial and temporal stimulus variants for multifocal pupillography of the central visual field. <i>Vision Research</i> , 2011, 51, 303-310.	1.4	18
29	Multifocal pupillography identifies retinal dysfunction in early age-related macular degeneration. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1707-1716.	1.9	17
30	Sensitivity and specificity of five abundance estimators for high-density oligonucleotide microarrays. <i>Bioinformatics</i> , 2004, 20, 1060-1065.	4.1	13
31	Dichoptic multifocal visual evoked potentials identify local retinal dysfunction in age-related macular degeneration. <i>Documenta Ophthalmologica</i> , 2013, 126, 125-136.	2.2	12
32	Conduction and synaptic transmission in the optic nerve and the superior colliculus during development of the retinocollicular projection in the wallaby ( <i>Macropus eugenii</i> ). , 1997, 380, 472-484.		11
33	Frequency doubling illusion VEPs and automated perimetry in multiple sclerosis. <i>Documenta Ophthalmologica</i> , 2006, 113, 29-41.	2.2	11
34	Hierarchical decomposition of dichoptic multifocal visual evoked potentials. <i>Visual Neuroscience</i> , 2006, 23, 703-712.	1.0	11
35	Stimulus Parameters for Multifocal Pupillographic Objective Perimetry. <i>Journal of Glaucoma</i> , 2012, 21, 571-578.	1.6	11
36	Development of functional connections between thalamic fibres and the visual cortex of the wallaby revealed by current source density analysis in Vivo. <i>Journal of Comparative Neurology</i> , 2000, 418, 441-456.	1.6	10

#	ARTICLE	IF	CITATIONS
37	Localization of Neuronal Gain Control in the Pupillary Response. <i>Frontiers in Neurology</i> , 2019, 10, 203.	2.4	8
38	Joint iris boundary detection and fit: a real-time method for accurate pupil tracking. <i>Biomedical Optics Express</i> , 2014, 5, 2458.	2.9	7
39	Visual evoked potential and psychophysical contrast thresholds in glaucoma. <i>Documenta Ophthalmologica</i> , 2014, 128, 111-120.	2.2	7
40	From evoked potentials to cortical currents: Resolving V1 and V2 components using retinotopy constrained source estimation without fMRI. <i>Human Brain Mapping</i> , 2016, 37, 1696-1709.	3.6	7
41	Clustered Volleys Stimulus Presentation for Multifocal Objective Perimetry. <i>Translational Vision Science and Technology</i> , 2022, 11, 5.	2.2	7
42	Multifocal pupillographic objective perimetry for assessment of early diabetic retinopathy and generalised diabetes-related tissue injury in persons with type 1 diabetes. <i>BMC Ophthalmology</i> , 2022, 22, 166.	1.4	2