

Andrew Charles James

List of Publications by Year in descending order

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42
papers

1,612
citations

430874

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395702

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42
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docs citations

42
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Clustered Volleys Stimulus Presentation for Multifocal Objective Perimetry. <i>Translational Vision Science and Technology</i> , 2022, 11, 5.	2.2	7
2	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
3	Localization of Neuronal Gain Control in the Pupillary Response. <i>Frontiers in Neurology</i> , 2019, 10, 203.	2.4	8
4	Retinotopic effects of visual attention revealed by dichoptic multifocal pupillography. <i>Scientific Reports</i> , 2018, 8, 2991.	3.3	28
5	Comparing multifocal pupillographic objective perimetry (mfPOP) and multifocal visual evoked potentials (mfVEP) in retinal diseases. <i>Scientific Reports</i> , 2017, 7, 45847.	3.3	29
6	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
7	Blue Multifocal Pupillographic Objective Perimetry in Glaucoma. , 2015, 56, 6394.		39
8	Multifocal Pupillography Identifies Changes in Visual Sensitivity According to Severity of Diabetic Retinopathy in Type 2 Diabetes. , 2015, 56, 4504.		23
9	Luminance and colour variant pupil perimetry in glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 815-824.	2.6	31
10	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
11	Multifocal Pupillography in Early Age-Related Macular Degeneration. <i>Optometry and Vision Science</i> , 2014, 91, 904-915.	1.2	26
12	Visual evoked potential and psychophysical contrast thresholds in glaucoma. <i>Documenta Ophthalmologica</i> , 2014, 128, 111-120.	2.2	7
13	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
14	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
15	High versus low density multifocal pupillographic objective perimetry in glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 140-147.	2.6	23
16	The Pupillary Response to Color and Luminance Variant Multifocal Stimuli. , 2013, 54, 467.		29
17	Stimulus Parameters for Multifocal Pupillographic Objective Perimetry. <i>Journal of Glaucoma</i> , 2012, 21, 571-578.	1.6	11
18	Multifocal Pupillography Identifies Ranibizumab-Induced Changes in Retinal Function for Exudative Age-Related Macular Degeneration. , 2012, 53, 253.		23

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19	Contraction Anisocoria: Segregation, Summation, and Saturation in the Pupillary Pathway. , 2011, 52, 2365.		30
20	Multifocal Pupillographic Perimetry With White and Colored Stimuli. Journal of Glaucoma, 2011, 20, 336-343.	1.6	20
21	Spatial and temporal stimulus variants for multifocal pupillography of the central visual field. Vision Research, 2011, 51, 303-310.	1.4	18
22	High-Resolution Multifocal Pupillographic Objective Perimetry in Glaucoma. , 2011, 52, 604.		43
23	Multifocal Pupillographic Assessment of Age-Related Macular Degeneration. Optometry and Vision Science, 2011, 88, 1477-1485.	1.2	20
24	Dichoptic Multifocal Pupillography Reveals Afferent Visual Field Defects in Early Type 2 Diabetes. , 2010, 51, 602.		44
25	Multifocal pupillographic visual field testing in glaucoma. Clinical and Experimental Ophthalmology, 2009, 37, 678-686.	2.6	51
26	Quantitative multifocal fMRI shows active suppression in human V1. Human Brain Mapping, 2008, 29, 1001-1014.	3.6	31
27	Multifocal Blue-on-Yellow Visual Evoked Potentials in Early Glaucoma. Ophthalmology, 2007, 114, 1613-1621.	5.2	28
28	Frequency doubling illusion VEPs and automated perimetry in multiple sclerosis. Documenta Ophthalmologica, 2006, 113, 29-41.	2.2	11
29	Hierarchical decomposition of dichoptic multifocal visual evoked potentials. Visual Neuroscience, 2006, 23, 703-712.	1.0	11
30	Sparse multifocal stimuli for the detection of multiple sclerosis. Annals of Neurology, 2005, 57, 904-913.	5.3	43
31	A Spatiotemporal White Noise Analysis of Photoreceptor Responses to UV and Green Light in the Dragonfly Median Ocellus. Journal of General Physiology, 2005, 126, 481-497.	1.9	27
32	Effect of temporal sparseness and dichoptic presentation on multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 45-54.	1.0	57
33	Contrast response of temporally sparse dichoptic multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 153-162.	1.0	37
34	Sensitivity and specificity of five abundance estimators for high-density oligonucleotide microarrays. Bioinformatics, 2004, 20, 1060-1065.	4.1	13
35	The Pattern-Pulse Multifocal Visual Evoked Potential. , 2003, 44, 879.		86
36	Color opponent retinal ganglion cells in the tammar wallaby retina. Journal of Vision, 2002, 2, 3.	0.3	21

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37	Feedback Connections Act on the Early Part of the Responses in Monkey Visual Cortex. Journal of Neurophysiology, 2001, 85, 134-145.	1.8	293
38	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
39	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
40	Development of functional connections between thalamic fibres and the visual cortex of the wallaby revealed by current source density analysis in Vivo. Journal of Comparative Neurology, 2000, 418, 441-456.	1.6	10
41	Testing for glaucoma with the spatial frequency doubling illusion. Vision Research, 1999, 39, 4258-4273.	1.4	79
42	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