Alexander Robert Wade

List of Publications by Citations

56 papers	2,717 citations	24 h-index	52 g-index
63 ext. papers	3,168 ext. citations	5.8 avg, IF	4.99 L-index

#	Paper	IF	Citations
56	Russian blues reveal effects of language on color discrimination. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 7780-5	11.5	443
55	Visual field maps and stimulus selectivity in human ventral occipital cortex. *Nature Neuroscience*, **2005**, 8, 1102-9	25.5	322
54	Long-term deprivation affects visual perception and cortex. *Nature Neuroscience*, **2003**, 6, 915-6	25.5	233
53	Functional measurements of human ventral occipital cortex: retinotopy and colour. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2002**, 357, 963-73	5.8	180
52	Visual areas and spatial summation in human visual cortex. *Vision Research*, **2001**, 41, 1321-32	2.1	164
51	Representation of concurrent stimuli by population activity in visual cortex. *Neuron*, **2009**, 64, 931-42	13.9	146
50	Cue-invariant networks for figure and background processing in human visual cortex. *Journal of Neuroscience*, **2006**, 26, 11695-708	6.6	115
49	Predominantly extra-retinotopic cortical response to pattern symmetry. *NeuroImage*, **2005**, 24, 306-14	7.9	115
48	Two-dimensional mapping of the central and parafoveal visual field to human visual cortex. *Journal of Neurophysiology*, **2007**, 97, 4284-95	3.2	93
47	No functional magnetic resonance imaging evidence for brightness and color filling-in in early human visual cortex. *Journal of Neuroscience*, **2006**, 26, 3634-41	6.6	69
46	The negative BOLD signal unmasked. *Neuron*, **2002**, 36, 993-5	13.9	58
45	fMRI measurements of color in macaque and human. *Journal of Vision*, **2008**, 8, 6.1-19	0.4	55
44	The specificity of cortical region KO to depth structure. *NeuroImage*, **2006**, 30, 228-38	7.9	52
43	Dynamics of normalization underlying masking in human visual cortex. *Journal of Neuroscience*, **2012**, 32, 2783-9	6.6	48
42	Early suppressive mechanisms and the negative blood oxygenation level-dependent response in human visual cortex. *Journal of Neuroscience*, **2010**, 30, 5008-19	6.6	39
41	Human colour perception changes between seasons. *Current Biology*, **2015**, 25, R646-7	6.3	37
40	An oculomotor decision process revealed by functional magnetic resonance imaging. *Journal of Neuroscience*, **2006**, 26, 13515-22	6.6	37

39	Exploring the relationship between video game expertise and fluid intelligence. *PLoS ONE*, **2017**, 12, e0186621	3.7	35
38	Figure-ground interaction in the human visual cortex. *Journal of Vision*, **2008**, 8, 8.1-19	0.4	35
37	The effects of visuospatial attention measured across visual cortex using source-imaged, steady-state EEG. *Journal of Vision*, **2010**, 10,	0.4	32
36	Emergence of symmetry selectivity in the visual areas of the human brain: fMRI responses to symmetry presented in both frontoparallel and slanted planes. *Human Brain Mapping*, **2018**, 39, 3813-3826	5.9	31
35	Abnormal visual gain control in a Parkinson\'s disease model. *Human Molecular Genetics*, **2014**, 23, 4465-78	5.6	29
34	Attention selects informative neural populations in human V1. *Journal of Neuroscience*, **2012**, 32, 16379-90	6.6	25
33	Functional imaging of the visual pathways. *Neurologic Clinics*, **2003**, 21, 417-43, vi	4.5	25
32	A lack of experience-dependent plasticity after more than a decade of recovered sight. *Psychological Science*, **2015**, 26, 393-401	7.9	24
31	Chromatic light adaptation measured using functional magnetic resonance imaging. *Journal of Neuroscience*, **2002**, 22, 8148-57	6.6	24
30	Differential attentional modulation of cortical responses to S-cone and luminance stimuli. *Journal of Vision*, **2011**, 11, 1	0.4	20
29	Multivariate Patterns in the Human Object-Processing Pathway Reveal a Shift from Retinotopic to Shape Curvature Representations in Lateral Occipital Areas, LO-1 and LO-2. *Journal of Neuroscience*, **2016**, 36, 5763-74	6.6	19
28	Contrast gain control abnormalities in idiopathic generalized epilepsy. *Annals of Neurology*, **2011**, 70, 574-82	9.4	18
27	The Effect of Locomotion on Early Visual Contrast Processing in Humans. *Journal of Neuroscience*, **2018**, 38, 3050-3059	6.6	15
26	What\'s in a name? Ages and names predict the valence of social interactions in a massive online game. *Computers in Human Behavior*, **2016**, 55, 605-613	7.7	15
25	Distinct effects of attention on the neural responses to form and motion processing: a SSVEP source-imaging study. *Journal of Vision*, **2012**, 12, 15	0.4	15
24	Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. *NeuroImage*, **2018**, 167, 84-94	7.9	14
23	Differential correlation of frontal and parietal activity with the number of alternatives for cued choice saccades. *NeuroImage*, **2006**, 33, 307-15	7.9	14
22	Evidence for an Optimal Algorithm Underlying Signal Combination in Human Visual Cortex. *Cerebral Cortex*, **2017**, 27, 254-264	5.1	13

21	Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI. *NeuroImage*, **2019**, 184, 462-474	7.9	13
20	The distribution of unique green wavelengths and its relationship to macular pigment density. *Journal of Vision*, **2013**, 13,	0.4	10
19	Classification of Parkinson\'s Disease Genotypes in Drosophila Using Spatiotemporal Profiling of Vision. *Scientific Reports*, **2015**, 5, 16933	4.9	10
18	Abnormal visual gain control and excitotoxicity in early-onset Parkinson\'s disease Drosophila models. *Journal of Neurophysiology*, **2018**, 119, 957-970	3.2	10
17	Circadian Rhythms in Visual Responsiveness in the Behaviorally Arrhythmic Drosophila Clock Mutant Clk. *Journal of Biological Rhythms*, **2017**, 32, 583-592	3.2	8
16	Measurements of long-range suppression in human opponent S-cone and achromatic luminance channels. *Journal of Vision*, **2010**, 10, 10	0.4	8
15	Long-range suppressive interactions between S-cone and luminance channels. *Vision Research*, **2009**, 49, 1554-62	2.1	8
14	Dietary modulation of cortical excitation and inhibition. *Journal of Psychopharmacology*, **2017**, 31, 632-637	3.76	5
13	Asymmetries between achromatic and chromatic extraction of 3D motion signals. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 13631-13640	11.5	5
12	Autism sensory dysfunction in an evolutionarily conserved system. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285, 20182255	4.4	5
11	Attentional modulation of fMRI responses in human V1 is consistent with distinct spatial maps for chromatically defined orientation and contrast. *Journal of Neuroscience*, **2011**, 31, 12900-5	6.6	4
10	Relative contributions to vergence eye movements of two binocular cues for motion-in-depth. *Scientific Reports*, **2019**, 9, 17412	4.9	4
9	Sensitivity to Velocity- and Disparity-Based Cues to Motion-In-Depth With and Without Spared Stereopsis in Binocular Visual Impairment **2018**, 59, 4375-4383		4
8	Classification of □synuclein-induced changes□n the AAV □synuclein rat model of Parkinson\'s disease using electrophysiological measurements of visual processing. *Scientific Reports*, **2020**, 10, 11869	4.9	3
7	Global shape aftereffects in composite radial frequency patterns. *Journal of Vision*, **2016**, 16, 17	0.4	3
6	Investigating Human Visual Sensitivity to Binocular Motion-in-Depth for Anti- and De-Correlated Random-Dot Stimuli. *Vision (Switzerland)*, **2018**, 2,	2.3	3
5	A perceptive plus in Parkinson\'s disease. *Movement Disorders*, **2018**, 33, 248	7	2
4	No psychological effect of color context in□a low level vision task. *F1000Research*, **2013**, 2, 247	3.6	1

List of Publications

3	Progressive Effects of Sildenafil on Visual Processing in Rats. *Neuroscience*, **2020**, 441, 131-141	3.9	0
2	Decoding Neural Responses to Motion-in-Depth Using EEG. *Frontiers in Neuroscience*, **2020**, 14, 581706	5.1	0
1	Steady-state measures of visual suppression. *PLoS Computational Biology*, **2021**, 17, e1009507	5	