Alexander Robert Wade

List of Publications by Year
in descending order

58	3,479	218381	149479
papers	citations	26 h-index	56 g-index

63	63	63	3129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Russian blues reveal effects of language on color discrimination. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7780-7785.	3.3	628
2	Visual field maps and stimulus selectivity in human ventral occipital cortex. Nature Neuroscience, 2005, 8, 1102-1109.	7.1	382
3	Long-term deprivation affects visual perception and cortex. Nature Neuroscience, 2003, 6, 915-916.	7.1	270
4	Functional measurements of human ventral occipital cortex: retinotopy and colour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 963-973.	1.8	231
5	Representation of Concurrent Stimuli by Population Activity in Visual Cortex. Neuron, 2009, 64, 931-942.	3.8	208
6	Visual areas and spatial summation in human visual cortex. Vision Research, 2001, 41, 1321-1332.	0.7	185
7	Cue-Invariant Networks for Figure and Background Processing in Human Visual Cortex. Journal of Neuroscience, 2006, 26, 11695-11708.	1.7	129
8	Predominantly extra-retinotopic cortical response to pattern symmetry. NeuroImage, 2005, 24, 306-314.	2.1	126
9	Two-Dimensional Mapping of the Central and Parafoveal Visual Field to Human Visual Cortex. Journal of Neurophysiology, 2007, 97, 4284-4295.	0.9	108
10	No Functional Magnetic Resonance Imaging Evidence for Brightness and Color Filling-In In Early Human Visual Cortex. Journal of Neuroscience, 2006, 26, 3634-3641.	1.7	88
11	The Negative BOLD Signal Unmasked. Neuron, 2002, 36, 993-995.	3.8	70
12	fMRI measurements of color in macaque and human. Journal of Vision, 2008, 8, 6-6.	0.1	68
13	The specificity of cortical region KO to depth structure. NeuroImage, 2006, 30, 228-238.	2.1	67
14	Dynamics of Normalization Underlying Masking in Human Visual Cortex. Journal of Neuroscience, 2012, 32, 2783-2789.	1.7	61
15	Exploring the relationship between video game expertise and fluid intelligence. PLoS ONE, 2017, 12, e0186621.	1.1	49
16	Figure-ground interaction in the human visual cortex. Journal of Vision, 2008, 8, 8-8.	0.1	45
17	Early Suppressive Mechanisms and the Negative Blood Oxygenation Level-Dependent Response in Human Visual Cortex. Journal of Neuroscience, 2010, 30, 5008-5019.	1.7	45
18	Human colour perception changes between seasons. Current Biology, 2015, 25, R646-R647.	1.8	45

#	Article	IF	Citations
19	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.	1.9	44
20	An Oculomotor Decision Process Revealed by Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2006, 26, 13515-13522.	1.7	39
21	Abnormal visual gain control in a Parkinson's disease model. Human Molecular Genetics, 2014, 23, 4465-4478.	1.4	39
22	The effects of visuospatial attention measured across visual cortex using source-imaged, steady-state EEG. Journal of Vision, 2010, 10, 39-39.	0.1	38
23	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, 5763-5774.	1.7	35
24	Chromatic Light Adaptation Measured using Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2002, 22, 8148-8157.	1.7	32
25	A Lack of Experience-Dependent Plasticity After More Than a Decade of Recovered Sight. Psychological Science, 2015, 26, 393-401.	1.8	32
26	Attention Selects Informative Neural Populations in Human V1. Journal of Neuroscience, 2012, 32, 16379-16390.	1.7	30
27	Functional imaging of the visual pathways. Neurologic Clinics, 2003, 21, 417-443.	0.8	29
28	Differential attentional modulation of cortical responses to S-cone and luminance stimuli. Journal of Vision, 2011, 11, 1-1.	0.1	28
29	Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. NeuroImage, 2018, 167, 84-94.	2.1	28
30	The Effect of Locomotion on Early Visual Contrast Processing in Humans. Journal of Neuroscience, 2018, 38, 3050-3059.	1.7	27
31	Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI. NeuroImage, 2019, 184, 462-474.	2.1	27
32	Evidence for an Optimal Algorithm Underlying Signal Combination in Human Visual Cortex. Cerebral Cortex, 2016, 27, 254-264.	1.6	23
33	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.	5.1	23
34	Circadian Rhythms in Visual Responsiveness in the Behaviorally ArrhythmicDrosophilaClock MutantClkJrk. Journal of Biological Rhythms, 2017, 32, 583-592.	1.4	22
35	Contrast gain control abnormalities in idiopathic generalized epilepsy. Annals of Neurology, 2011, 70, 574-582.	2.8	21
36	Distinct effects of attention on the neural responses to form and motion processing: A SSVEP source-imaging study. Journal of Vision, 2012, 12, 15-15.	0.1	18

#	Article	IF	Citations
37	Differential correlation of frontal and parietal activity with the number of alternatives for cued choice saccades. NeuroImage, 2006, 33, 307-315.	2.1	16
38	Abnormal visual gain control and excitotoxicity in early-onset Parkinsonâ€™s disease Drosophila models. Journal of Neurophysiology, 2018, 119, 957-970.	0.9	15
39	Classification of Parkinsonâ€™s Disease Genotypes in Drosophila Using Spatiotemporal Profiling of Vision. Scientific Reports, 2015, 5, 16933.	1.6	11
40	Dietary modulation of cortical excitation and inhibition. Journal of Psychopharmacology, 2017, 31, 632-637.	2.0	11
41	Autism sensory dysfunction in an evolutionarily conserved system. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182255.	1.2	11
42	The distribution of unique green wavelengths and its relationship to macular pigment density. Journal of Vision, 2013, 13, 15-15.	0.1	10
43	Long-range suppressive interactions between S-cone and luminance channels. Vision Research, 2009, 49, 1554-1562.	0.7	8
44	Measurements of long-range suppression in human opponent S-cone and achromatic luminance channels. Journal of Vision, 2010, 10, 10-10.	0.1	8
45	Sensitivity to Velocity- and Disparity-Based Cues to Motion-In-Depth With and Without Spared Stereopsis in Binocular Visual Impairment. , 2018, 59, 4375.		7
46	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.	3.3	7
47	Relative contributions to vergence eye movements of two binocular cues for motion-in-depth. Scientific Reports, 2019, 9, 17412.	1.6	6
48	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, 12900-12905.	1.7	5
49	Classification ofÂÎ±-synuclein-induced changesÂin the AAV Î±-synuclein rat model of Parkinsonâ€™s disease using electrophysiological measurements of visual processing. Scientific Reports, 2020, 10, 11869.	1.6	4
50	Decoding Neural Responses to Motion-in-Depth Using EEG. Frontiers in Neuroscience, 2020, 14, 581706.	1.4	4
51	Global shape aftereffects in composite radial frequency patterns. Journal of Vision, 2016, 16, 17.	0.1	3
52	Investigating Human Visual Sensitivity to Binocular Motion-in-Depth for Anti- and De-Correlated Random-Dot Stimuli. Vision (Switzerland), 2018, 2, 41.	0.5	3
53	A perceptive plus in Parkinson's disease. Movement Disorders, 2018, 33, 248-248.	2.2	2
54	Could the detection of visual disturbances associated with Parkinsonâ€™s disease genes in flies lead to new treatments for the disease?. Neurodegenerative Disease Management, 2014, 4, 291-293.	1.2	1

#	Article	IF	Citations
55	Progressive Effects of Sildenafil on Visual Processing in Rats. Neuroscience, 2020, 441, 131-141.	1.1	1
56	Steady-state measures of visual suppression. PLoS Computational Biology, 2021, 17, e1009507.	1.5	1
57	No psychological effect of color context inÂa low level vision task. F1000Research, 2013, 2, 247.	0.8	1
58	No detectable effect on visual responses using functional MRI in a rodent model of Î±-synuclein expression. ENeuro, 2021, 8, ENEURO.0516-20.2021.	0.9	0