

Alexander Robert Wade

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.

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 | Steady-state measures of visual suppression. <i>PLoS Computational Biology</i> , 2021 , 17, e1009507 | 5 | 0 |
| 55 | Progressive Effects of Sildenafil on Visual Processing in Rats. <i>Neuroscience</i> , 2020 , 441, 131-141 | 3.9 | 0 |
| 54 | Classification of α -synuclein-induced changes in the AAV α -synuclein rat model of Parkinson's disease using electrophysiological measurements of visual processing. <i>Scientific Reports</i> , 2020 , 10, 11869 | 4.9 | 3 |
| 53 | Decoding Neural Responses to Motion-in-Depth Using EEG. <i>Frontiers in Neuroscience</i> , 2020 , 14, 581706 | 5.1 | 0 |
| 52 | Asymmetries between achromatic and chromatic extraction of 3D motion signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13631-13640 | 11.5 | 5 |
| 51 | Relative contributions to vergence eye movements of two binocular cues for motion-in-depth. <i>Scientific Reports</i> , 2019 , 9, 17412 | 4.9 | 4 |
| 50 | Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI. <i>NeuroImage</i> , 2019 , 184, 462-474 | 7.9 | 13 |
| 49 | The Effect of Locomotion on Early Visual Contrast Processing in Humans. <i>Journal of Neuroscience</i> , 2018 , 38, 3050-3059 | 6.6 | 15 |
| 48 | Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. <i>NeuroImage</i> , 2018 , 167, 84-94 | 7.9 | 14 |
| 47 | A perceptive plus in Parkinson's disease. <i>Movement Disorders</i> , 2018 , 33, 248 | 7 | 2 |
| 46 | Abnormal visual gain control and excitotoxicity in early-onset Parkinson's disease Drosophila models. <i>Journal of Neurophysiology</i> , 2018 , 119, 957-970 | 3.2 | 10 |
| 45 | Investigating Human Visual Sensitivity to Binocular Motion-in-Depth for Anti- and De-Correlated Random-Dot Stimuli. <i>Vision (Switzerland)</i> , 2018 , 2, | 2.3 | 3 |
| 44 | Autism sensory dysfunction in an evolutionarily conserved system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285, 20182255 | 4.4 | 5 |
| 43 | Emergence of symmetry selectivity in the visual areas of the human brain: fMRI responses to symmetry presented in both frontoparallel and slanted planes. <i>Human Brain Mapping</i> , 2018 , 39, 3813-3826 | 5.9 | 31 |
| 42 | 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 |
| 41 | Dietary modulation of cortical excitation and inhibition. <i>Journal of Psychopharmacology</i> , 2017 , 31, 632-637 | 7.6 | 5 |
| 40 | Exploring the relationship between video game expertise and fluid intelligence. <i>PLoS ONE</i> , 2017 , 12, e0186621 | 3.7 | 35 |

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| 39 | Circadian Rhythms in Visual Responsiveness in the Behaviorally Arrhythmic <i>Drosophila</i> Clock Mutant Clk. <i>Journal of Biological Rhythms</i> , 2017 , 32, 583-592 | 3.2 | 8 |
| 38 | Evidence for an Optimal Algorithm Underlying Signal Combination in Human Visual Cortex. <i>Cerebral Cortex</i> , 2017 , 27, 254-264 | 5.1 | 13 |
| 37 | What's in a name? Ages and names predict the valence of social interactions in a massive online game. <i>Computers in Human Behavior</i> , 2016 , 55, 605-613 | 7.7 | 15 |
| 36 | Global shape aftereffects in composite radial frequency patterns. <i>Journal of Vision</i> , 2016 , 16, 17 | 0.4 | 3 |
| 35 | 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. <i>Journal of Neuroscience</i> , 2016 , 36, 5763-74 | 6.6 | 19 |
| 34 | Human colour perception changes between seasons. <i>Current Biology</i> , 2015 , 25, R646-7 | 6.3 | 37 |
| 33 | A lack of experience-dependent plasticity after more than a decade of recovered sight. <i>Psychological Science</i> , 2015 , 26, 393-401 | 7.9 | 24 |
| 32 | Classification of Parkinson's Disease Genotypes in <i>Drosophila</i> Using Spatiotemporal Profiling of Vision. <i>Scientific Reports</i> , 2015 , 5, 16933 | 4.9 | 10 |
| 31 | Abnormal visual gain control in a Parkinson's disease model. <i>Human Molecular Genetics</i> , 2014 , 23, 4465-73 | 8.6 | 29 |
| 30 | The distribution of unique green wavelengths and its relationship to macular pigment density. <i>Journal of Vision</i> , 2013 , 13, | 0.4 | 10 |
| 29 | No psychological effect of color context in a low level vision task. <i>F1000Research</i> , 2013 , 2, 247 | 3.6 | 1 |
| 28 | Distinct effects of attention on the neural responses to form and motion processing: a SSVEP source-imaging study. <i>Journal of Vision</i> , 2012 , 12, 15 | 0.4 | 15 |
| 27 | Dynamics of normalization underlying masking in human visual cortex. <i>Journal of Neuroscience</i> , 2012 , 32, 2783-9 | 6.6 | 48 |
| 26 | Attention selects informative neural populations in human V1. <i>Journal of Neuroscience</i> , 2012 , 32, 16379-86 | 8.6 | 25 |
| 25 | Contrast gain control abnormalities in idiopathic generalized epilepsy. <i>Annals of Neurology</i> , 2011 , 70, 574-82 | 9.4 | 18 |
| 24 | Attentional modulation of fMRI responses in human V1 is consistent with distinct spatial maps for chromatically defined orientation and contrast. <i>Journal of Neuroscience</i> , 2011 , 31, 12900-5 | 6.6 | 4 |
| 23 | Differential attentional modulation of cortical responses to S-cone and luminance stimuli. <i>Journal of Vision</i> , 2011 , 11, 1 | 0.4 | 20 |
| 22 | Measurements of long-range suppression in human opponent S-cone and achromatic luminance channels. <i>Journal of Vision</i> , 2010 , 10, 10 | 0.4 | 8 |

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|----|---|------|-----|
| 21 | Early suppressive mechanisms and the negative blood oxygenation level-dependent response in human visual cortex. <i>Journal of Neuroscience</i> , 2010 , 30, 5008-19 | 6.6 | 39 |
| 20 | The effects of visuospatial attention measured across visual cortex using source-imaged, steady-state EEG. <i>Journal of Vision</i> , 2010 , 10, | 0.4 | 32 |
| 19 | Long-range suppressive interactions between S-cone and luminance channels. <i>Vision Research</i> , 2009 , 49, 1554-62 | 2.1 | 8 |
| 18 | Representation of concurrent stimuli by population activity in visual cortex. <i>Neuron</i> , 2009 , 64, 931-42 | 13.9 | 146 |
| 17 | fMRI measurements of color in macaque and human. <i>Journal of Vision</i> , 2008 , 8, 6.1-19 | 0.4 | 55 |
| 16 | Figure-ground interaction in the human visual cortex. <i>Journal of Vision</i> , 2008 , 8, 8.1-19 | 0.4 | 35 |
| 15 | Russian blues reveal effects of language on color discrimination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7780-5 | 11.5 | 443 |
| 14 | Two-dimensional mapping of the central and parafoveal visual field to human visual cortex. <i>Journal of Neurophysiology</i> , 2007 , 97, 4284-95 | 3.2 | 93 |
| 13 | An oculomotor decision process revealed by functional magnetic resonance imaging. <i>Journal of Neuroscience</i> , 2006 , 26, 13515-22 | 6.6 | 37 |
| 12 | No functional magnetic resonance imaging evidence for brightness and color filling-in in early human visual cortex. <i>Journal of Neuroscience</i> , 2006 , 26, 3634-41 | 6.6 | 69 |
| 11 | Cue-invariant networks for figure and background processing in human visual cortex. <i>Journal of Neuroscience</i> , 2006 , 26, 11695-708 | 6.6 | 115 |
| 10 | The specificity of cortical region KO to depth structure. <i>NeuroImage</i> , 2006 , 30, 228-38 | 7.9 | 52 |
| 9 | Differential correlation of frontal and parietal activity with the number of alternatives for cued choice saccades. <i>NeuroImage</i> , 2006 , 33, 307-15 | 7.9 | 14 |
| 8 | Predominantly extra-retinotopic cortical response to pattern symmetry. <i>NeuroImage</i> , 2005 , 24, 306-14 | 7.9 | 115 |
| 7 | Visual field maps and stimulus selectivity in human ventral occipital cortex. <i>Nature Neuroscience</i> , 2005 , 8, 1102-9 | 25.5 | 322 |
| 6 | Long-term deprivation affects visual perception and cortex. <i>Nature Neuroscience</i> , 2003 , 6, 915-6 | 25.5 | 233 |
| 5 | Functional imaging of the visual pathways. <i>Neurologic Clinics</i> , 2003 , 21, 417-43, vi | 4.5 | 25 |
| 4 | Functional measurements of human ventral occipital cortex: retinotopy and colour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002 , 357, 963-73 | 5.8 | 180 |

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|---|---|------|-----|
| 3 | The negative BOLD signal unmasked. <i>Neuron</i> , 2002 , 36, 993-5 | 13.9 | 58 |
| 2 | Chromatic light adaptation measured using functional magnetic resonance imaging. <i>Journal of Neuroscience</i> , 2002 , 22, 8148-57 | 6.6 | 24 |
| 1 | Visual areas and spatial summation in human visual cortex. <i>Vision Research</i> , 2001 , 41, 1321-32 | 2.1 | 164 |