

Alex R Wade

List of Publications by Year in descending order

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100
papers

4,264
citations

165694

29
h-index

124102

61
g-index

116
all docs

116
docs citations

116
times ranked

10108
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.	7.6	646
2	Visual field maps and stimulus selectivity in human ventral occipital cortex. Nature Neuroscience, 2005, 8, 1102-1109.	14.5	388
3	Long-term deprivation affects visual perception and cortex. Nature Neuroscience, 2003, 6, 915-916.	14.5	275
4	Functional measurements of human ventral occipital cortex: retinotopy and colour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 963-973.	4.2	235
5	Representation of Concurrent Stimuli by Population Activity in Visual Cortex. Neuron, 2009, 64, 931-942.	8.0	224
6	Visual areas and spatial summation in human visual cortex. Vision Research, 2001, 41, 1321-1332.	1.5	189
7	Reinterpretation of Jordan-Brans-Dicke theory and Kaluza-Klein cosmology. Physical Review Letters, 1992, 68, 3133-3136.	8.0	136
8	Predominantly extra-retinotopic cortical response to pattern symmetry. NeuroImage, 2005, 24, 306-314.	4.4	129
9	Cue-Invariant Networks for Figure and Background Processing in Human Visual Cortex. Journal of Neuroscience, 2006, 26, 11695-11708.	3.8	129
10	Two-Dimensional Mapping of the Central and Parafoveal Visual Field to Human Visual Cortex. Journal of Neurophysiology, 2007, 97, 4284-4295.	1.9	112
11	No Functional Magnetic Resonance Imaging Evidence for Brightness and Color Filling-In In Early Human Visual Cortex. Journal of Neuroscience, 2006, 26, 3634-3641.	3.8	92
12	Localization of angiogenic growth factors and their receptors in the human endometrium throughout the menstrual cycle and in recurrent miscarriage. Human Reproduction, 2012, 27, 183-195.	0.9	86
13	The Negative BOLD Signal Unmasked. Neuron, 2002, 36, 993-995.	8.0	72
14	fMRI measurements of color in macaque and human. Journal of Vision, 2008, 8, 6-6.	0.3	69
15	The specificity of cortical region KO to depth structure. NeuroImage, 2006, 30, 228-238.	4.4	67
16	Dynamics of Normalization Underlying Masking in Human Visual Cortex. Journal of Neuroscience, 2012, 32, 2783-2789.	3.8	62
17	Engineering of dendritic dopant-free hole transport molecules: enabling ultrahigh fill factor in perovskite solar cells with optimized dendron construction. Science China Chemistry, 2021, 64, 41-51.	8.8	60
18	Exploring the relationship between video game expertise and fluid intelligence. PLoS ONE, 2017, 12, e0186621.	2.5	58

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19	Figure-ground interaction in the human visual cortex. <i>Journal of Vision</i> , 2008, 8, 8-8.	0.3	47
20	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.	3.7	47
21	Early Suppressive Mechanisms and the Negative Blood Oxygenation Level-Dependent Response in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 5008-5019.	3.8	45
22	The effects of visuospatial attention measured across visual cortex using source-imaged, steady-state EEG. <i>Journal of Vision</i> , 2010, 10, 39-39.	0.3	42
23	Wanting to travel, more or less: Exploring the determinants of the deficit and surfeit of personal travel. <i>Transportation</i> , 2005, 32, 135-164.	4.0	39
24	An Oculomotor Decision Process Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2006, 26, 13515-13522.	3.8	39
25	Abnormal visual gain control in a Parkinson's disease model. <i>Human Molecular Genetics</i> , 2014, 23, 4465-4478.	3.0	39
26	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, 5763-5774.	3.8	38
27	A unified framework for multimodal structure–function mapping based on eigenmodes. <i>Medical Image Analysis</i> , 2020, 66, 101799.	11.8	38
28	Climatic control of sediment yield in dry lands following climate and land cover change. <i>Water Resources Research</i> , 2008, 44, .	4.2	36
29	The Effect of Locomotion on Early Visual Contrast Processing in Humans. <i>Journal of Neuroscience</i> , 2018, 38, 3050-3059.	3.8	34
30	Chromatic Light Adaptation Measured using Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2002, 22, 8148-8157.	3.8	33
31	Efficacy and safety of anatomic resection versus nonanatomic resection in patients with hepatocellular carcinoma: A systemic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0186930.	2.5	33
32	Nonerythropoietic Erythropoietin-Derived Peptide Suppresses Adipogenesis, Inflammation, Obesity and Insulin Resistance. <i>Scientific Reports</i> , 2015, 5, 15134.	3.4	31
33	Differential attentional modulation of cortical responses to S-cone and luminance stimuli. <i>Journal of Vision</i> , 2011, 11, 1-1.	0.3	30
34	Decoding the radial velocity variations of HD 41248 with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 635, A13.	5.3	30
35	Functional imaging of the visual pathways. <i>Neurologic Clinics</i> , 2003, 21, 417-443.	1.9	29
36	New findings in ATP supply in rod outer segments: Insights for retinopathies. <i>Biology of the Cell</i> , 2013, 105, 345-358.	2.0	28

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37	Eccentricity-dependent temporal contrast tuning in human visual cortex measured with fMRI. <i>NeuroImage</i> , 2019, 184, 462-474.	4.4	28
38	Speciation and Determination of Dissolved Iodide and Iodine in Environmental Aqueous Samples by Inductively Coupled Plasma Atomic Emission Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 1996, 79, 751-756.	1.6	25
39	Post-neoadjuvant strategies in breast cancer: From risk assessment to treatment escalation. <i>Cancer Treatment Reviews</i> , 2019, 72, 7-14.	8.0	25
40	A new toolkit for land value analysis and scenario planning. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020, 47, 1490-1507.	2.1	25
41	Evidence for an Optimal Algorithm Underlying Signal Combination in Human Visual Cortex. <i>Cerebral Cortex</i> , 2017, 27, 254-264.	3.2	24
42	Circadian Rhythms in Visual Responsiveness in the Behaviorally Arrhythmic <i>Drosophila</i> Clock Mutant <i>Clk^{rk}</i> . <i>Journal of Biological Rhythms</i> , 2017, 32, 583-592.	2.3	22
43	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, 15-15.	0.3	20
44	Growth Of Doubly Ionized C,H,N Compounds in the Presence of Methane. <i>Journal of Physical Chemistry A</i> , 2009, 113, 11204-11210.	2.6	17
45	Differential correlation of frontal and parietal activity with the number of alternatives for cued choice saccades. <i>NeuroImage</i> , 2006, 33, 307-315.	4.4	16
46	Measurement of the production cross section of a W^{\pm} boson in association with two b jets in pp collisions at $\sqrt{s} = 8\text{ TeV}$. <i>European Physical Journal C</i> , 2017, 77, 92.	4.0	16
47	FLT3-ITD and CEBPA Mutations Predict Prognosis in Acute Myelogenous Leukemia Irrespective of Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 941-948.	2.0	16
48	Impact of nighttime blood pressure on cerebral white matter hyperintensity in elderly hypertensive patients. <i>Geriatrics and Gerontology International</i> , 2015, 15, 59-65.	1.4	15
49	Liver function studies in the assessment of head and neck cancer patients. <i>Head and Neck</i> , 1995, 17, 531-534.	2.0	12
50	Dietary modulation of cortical excitation and inhibition. <i>Journal of Psychopharmacology</i> , 2017, 31, 632-637.	4.2	12
51	Progressive magmatism and evolution of the Variscan suture in southern Iberia. <i>International Journal of Earth Sciences</i> , 2018, 107, 971-983.	1.8	12
52	Classification of Parkinson's Disease Genotypes in <i>Drosophila</i> Using Spatiotemporal Profiling of Vision. <i>Scientific Reports</i> , 2015, 5, 16933.	3.4	11
53	Dual-reporter Imaging and its Potential Application in Tracking Studies. <i>Journal of Fluorescence</i> , 2016, 26, 75-80.	2.6	11
54	Probabilistic Forecasting of Thunderstorms in the Eastern Alps. <i>Monthly Weather Review</i> , 2018, 146, 2999-3009.	2.3	11

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73	Integration of small RNAs and mRNAs by high-throughput sequencing reveals a complex regulatory network in Chinese sea cucumber, Russian sea cucumber and their hybrids. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 1-13.	1.1	5
74	Swirling Diffused Air Flow and Its Effect on Helical Fiber Motion in Swirl-Die Melt Blowing. <i>Fibers and Polymers</i> , 2021, 22, 1594-1600.	2.1	5
75	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.	3.4	4
76	Decoding Neural Responses to Motion-in-Depth Using EEG. <i>Frontiers in Neuroscience</i> , 2020, 14, 581706.	2.9	4
77	Comparison of X-Ray and Proton Irradiation Effects on the Characteristics of InGaN/GaN Multiple Quantum Wells Light-Emitting Diodes. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 1345-1350.	2.0	4
78	Effect of red blood cell transfusion on inflammation, endothelial cell activation and coagulation in the critically ill. <i>Vox Sanguinis</i> , 2022, 117, 64-70.	1.6	4
79	Characterization of Heavy Undefined Fractions. , 2001, , .		3
80	Global shape aftereffects in composite radial frequency patterns. <i>Journal of Vision</i> , 2016, 16, 17.	0.3	3
81	Investigating Human Visual Sensitivity to Binocular Motion-in-Depth for Anti- and De-Correlated Random-Dot Stimuli. <i>Vision (Switzerland)</i> , 2018, 2, 41.	1.2	3
82	A perceptive plus in Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 248-248.	4.3	2
83	Influence of particle size on powder flow behaviour, textural and viscoelastic properties of milk-based whipable emulsions. <i>International Dairy Journal</i> , 2024, 148, 105806.	3.1	2
84	Development of potent and selective human A3 adenosine receptor agonists. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 31-32.	0.3	1
85	The Research for Embedded Active Database Based on ECA Rule and Implementation in SQLite Database. , 2009, , .		1
86	Could the Detection of Visual Disturbances Associated With Parkinson's Disease Genes in Flies Lead to New Treatments for the disease?. <i>Neurodegenerative Disease Management</i> , 2014, 4, 291-293.	2.3	1
87	Progressive Effects of Sildenafil on Visual Processing in Rats. <i>Neuroscience</i> , 2020, 441, 131-141.	2.4	1
88	Steady-state measures of visual suppression. <i>PLoS Computational Biology</i> , 2021, 17, e1009507.	3.1	1
89	No psychological effect of color context in a low level vision task. <i>F1000Research</i> , 2013, 2, 247.	1.6	1
90	Different rules for binocular combination of luminance flicker in cortical and subcortical pathways. <i>ELife</i> , 0, 12, .	5.9	1

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91	A 28 GHz 200 kW generation and launching system for ECH/EBW on Proto-MPEX at ORNL. , 2014, , .		0
92	Scaling up clinical T cell expansion in a Xuriâ„¢ cell expansion system. Cytotherapy, 2015, 17, S22.	0.7	0
93	No detectable effect on visual responses using functional MRI in a rodent model of Î±-synuclein expression. ENeuro, 2021, 8, ENEURO.0516-20.2021.	1.9	0
94	Effect of prolactin on calcium transport in three heterogenous cell populations by sequential collagenase digestion of fetal rat calvaria.. Japanese Journal of Oral Biology, 1985, 27, 200-207.	0.1	0
95	Tumor ovÃ¡rico benigno proliferante mucinoso de tipo endocervical con hiperplasia microglandular. Ginecologia Y Obstetricia De Mexico, 2018, 86, .	0.0	0
96	Kapitel 6 Ein GefÃ¼hl fÃ¼r Daten. Medical Humanities, 2019, , 85-102.	0.0	0
97	SexualitÃ¤t und Religion â€“ Problemfeld, Tabu und Ressource. Spiritual Care, 2020, 9, 396-399.	0.2	0
98	Mouse and human studies support DSTYK loss of function as a low penetrance and variable expressivity risk factor for congenital urinary tract anomalies. Genetics in Medicine, 2023, , 100983.	2.4	0
99	La couleur comme Â«Â«sexe fÃ©minin de l'artÂ» : simple mÃ©taphore ou vÃ©ritable paradigme ?. Textes et contextes, 2022, , .	0.0	0
100	A 78-year-old woman with diffuse white matter infiltration and predominant involvement of bilateral temporoâ€parietoâ€occipital regions. Journal of Cellular and Molecular Medicine, 2024, 28, .	3.6	0