

Bradley R Postle

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

6,424
citations

186265
28
h-index

168389
53
g-index

75
all docs

75
docs citations

75
times ranked

5430
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cognitive Neuroscience of Working Memory. Annual Review of Psychology, 2015, 66, 115-142.	17.7	1,025
2	Prefrontal cortical contributions to working memory: evidence from event-related fMRI studies. Experimental Brain Research, 2000, 133, 3-11.	1.5	757
3	The neural correlates of dreaming. Nature Neuroscience, 2017, 20, 872-878.	14.8	430
4	Neural Evidence for a Distinction between Short-term Memory and the Focus of Attention. Journal of Cognitive Neuroscience, 2012, 24, 61-79.	2.3	379
5	Reactivation of latent working memories with transcranial magnetic stimulation. Science, 2016, 354, 1136-1139.	12.6	377
6	Are the Neural Correlates of Consciousness in the Front or in the Back of the Cerebral Cortex? Clinical and Neuroimaging Evidence. Journal of Neuroscience, 2017, 37, 9603-9613.	3.6	360
7	The Speed of Alpha-Band Oscillations Predicts the Temporal Resolution of Visual Perception. Current Biology, 2015, 25, 2985-2990.	3.9	328
8	The Relationship between Working Memory Storage and Elevated Activity as Measured with Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2012, 32, 12990-12998.	3.6	309
9	Distributed Patterns of Activity in Sensory Cortex Reflect the Precision of Multiple Items Maintained in Visual Short-Term Memory. Journal of Neuroscience, 2013, 33, 6516-6523.	3.6	298
10	Top-down control of the phase of alpha-band oscillations as a mechanism for temporal prediction. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8439-8444.	7.1	215
11	Decoding Attended Information in Short-term Memory: An EEG Study. Journal of Cognitive Neuroscience, 2013, 25, 127-142.	2.3	210
12	Prestimulus alpha-band power biases visual discrimination confidence, but not accuracy. Consciousness and Cognition, 2017, 54, 47-55.	1.5	169
13	The selective disruption of spatial working memory by eye movements. Quarterly Journal of Experimental Psychology, 2006, 59, 100-120.	1.1	136
14	Multiple neural states of representation in short-term memory? It's a matter of attention. Frontiers in Human Neuroscience, 2014, 8, 5.	2.0	136
15	Decoding and Reconstructing the Focus of Spatial Attention from the Topography of Alpha-band Oscillations. Journal of Cognitive Neuroscience, 2016, 28, 1090-1097.	2.3	126
16	Decoding the internal focus of attention. Neuropsychologia, 2012, 50, 470-478.	1.6	89
17	Distinct Oscillatory Frequencies Underlie Excitability of Human Occipital and Parietal Cortex. Journal of Neuroscience, 2017, 37, 2824-2833.	3.6	89
18	Confidence boosts serial dependence in orientation estimation. Journal of Vision, 2019, 19, 25.	0.3	73

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19	Dissociating Perceptual Confidence from Discrimination Accuracy Reveals No Influence of Metacognitive Awareness on Working Memory. <i>Frontiers in Psychology</i> , 2016, 7, 851.	2.1	68
20	Connectivity differences between consciousness and unconsciousness in non-rapid eye movement sleep: a TMS-EEG study. <i>Scientific Reports</i> , 2019, 9, 5175.	3.3	64
21	Different states of priority recruit different neural representations in visual working memory. <i>PLoS Biology</i> , 2020, 18, e3000769.	5.6	64
22	Within-Category Decoding of Information in Different Attentional States in Short-Term Memory. <i>Cerebral Cortex</i> , 2017, 27, 4881-4890.	2.9	58
23	Neural Evidence for the Flexible Control of Mental Representations. <i>Cerebral Cortex</i> , 2015, 25, 3303-3313.	2.9	51
24	Consciousness and cortical responsiveness: a within-state study during non-rapid eye movement sleep. <i>Scientific Reports</i> , 2016, 6, 30932.	3.3	51
25	Effects of meaningfulness on perception: Alpha-band oscillations carry perceptual expectations and influence early visual responses. <i>Scientific Reports</i> , 2018, 8, 6606.	3.3	43
26	Distraction-spanning sustained activity during delayed recognition of locations. <i>NeuroImage</i> , 2006, 30, 950-962.	4.2	42
27	Correlated individual differences suggest a common mechanism underlying metacognition in visual perception and visual short-term memory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172035.	2.6	42
28	Parietal-Occipital Interactions Underlying Control- and Representation-Related Processes in Working Memory for Nonspatial Visual Features. <i>Journal of Neuroscience</i> , 2018, 38, 4357-4366.	3.6	38
29	How Does the Brain Keep Information ‘in Mind’?. <i>Current Directions in Psychological Science</i> , 2016, 25, 151-156.	5.3	34
30	Prestimulation phase predicts the TMS-evoked response. <i>Journal of Neurophysiology</i> , 2014, 112, 1885-1893.	1.8	32
31	Nonvisual Codes and Nonvisual Brain Areas Support Visual Working Memory. <i>Cerebral Cortex</i> , 2007, 17, 2151-2162.	2.9	31
32	Inhibition of Lateral Prefrontal Cortex Produces Emotionally Biased First Impressions: A Transcranial Magnetic Stimulation and Electroencephalography Study. <i>Psychological Science</i> , 2017, 28, 942-953.	3.3	28
33	Overlapping and distinct contributions of stimulus location and of spatial context to nonspatial visual short-term memory. <i>Journal of Neurophysiology</i> , 2019, 121, 1222-1231.	1.8	28
34	Tracking stimulus representation across a 2-back visual working memory task. <i>Royal Society Open Science</i> , 2020, 7, 190228.	2.4	23
35	Delay-period activity in frontal, parietal, and occipital cortex tracks noise and biases in visual working memory. <i>PLoS Biology</i> , 2020, 18, e3000854.	5.6	20
36	The Neural Consequences of Attentional Prioritization of Internal Representations in Visual Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 917-944.	2.3	17

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37	Priority-based transformations of stimulus representation in visual working memory. PLoS Computational Biology, 2022, 18, e1009062.	3.2	17
38	The Neural Codes Underlying Internally Generated Representations in Visual Working Memory. Journal of Cognitive Neuroscience, 2021, 33, 1142-1157.	2.3	12
39	The Role of Location-Context Binding in Nonspatial Visual Working Memory. ENeuro, 2020, 7, ENEURO.0430-20.2020.	1.9	12
40	Cognitive Control, Not Time, Determines the Status of Items in Working Memory. Journal of Cognition, 2020, 3, 8.	1.4	12
41	Context-specific differences in fronto-parieto-occipital effective connectivity during short-term memory maintenance. NeuroImage, 2015, 114, 320-327.	4.2	11
42	Neuroimaging and the localization of function in visual cognition. Visual Cognition, 2020, 28, 447-452.	1.6	11
43	Perceptual metacognition of human faces is causally supported by function of the lateral prefrontal cortex. Communications Biology, 2020, 3, 360.	4.4	10
44	Understanding occipital and parietal contributions to visual working memory: Commentary on Xu (2020). Visual Cognition, 2021, 29, 401-408.	1.6	10
45	Spectral Distribution Dynamics across Different Attentional Priority States. Journal of Neuroscience, 2022, 42, 4026-4041.	3.6	9
46	The Positional-Specificity Effect Reveals a Passive-Trace Contribution to Visual Short-Term Memory. PLoS ONE, 2013, 8, e83483.	2.5	8
47	Spontaneous alpha-band amplitude predicts subjective visibility but not discrimination accuracy during high-level perception. Consciousness and Cognition, 2022, 102, 103337.	1.5	7
48	The Influence of Active Removal from Working Memory on Serial Dependence. Journal of Cognition, 2022, 5, .	1.4	7
49	Stronger inference with direct manipulation of brain function. Cortex, 2010, 46, 121-123.	2.4	4
50	Trait-like Differences in Underlying Oscillatory State Predict Individual Differences in the TMS-evoked Response. Brain Stimulation, 2014, 7, 234-242.	1.6	3
51	Spatial specificity of feature-based interaction between working memory and visual processing.. Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 495-507.	0.9	3
52	Separating the present and the future. ELife, 2018, 7, .	6.0	1
53	The Unforgettable career of Suzanne Corkin. Hippocampus, 2016, 26, 1233-1237.	1.9	0