Marian E Berryhill

List of Publications by Year in Descending Order

75 papers	2,602 citations	28 h-index	50 g-index
84 ext. papers	2,963 ext. citations	2.7 avg, IF	5.65 L-index

#	Paper	IF	Citations
75	Individual predictors and electrophysiological signatures of working memory enhancement in aging.. *NeuroImage*, **2022**, 250, 118939	7.9	1
74	Caught in the ACTS: Defining Abstract Cognitive Task Sequences as an Independent Process.. *Journal of Cognitive Neuroscience*, **2022**, 1-12	3.1	0
73	Impaired visual working memory and reduced connectivity in undergraduates with a history of mild traumatic brain injury. *Scientific Reports*, **2021**, 11, 2789	4.9	4
72	Frontoparietal theta-gamma interactions track working memory enhancement with training and tDCS. *NeuroImage*, **2020**, 211, 116615	7.9	33
71	Smooth Pursuit and Saccades after Sport-Related Concussion. *Journal of Neurotrauma*, **2020**, 37, 340-346	5.4	8
70	Predicting Working Memory Training Benefits From Transcranial Direct Current Stimulation Using Resting-State fMRI. *Frontiers in Psychology*, **2020**, 11, 570030	3.4	5
69	No tDCS augmented working memory training benefit in undergraduates rewarded with course credit. *Brain Stimulation*, **2020**, 13, 1524-1526	5.1	5
68	Visual working memory deficits in undergraduates with a history of mild traumatic brain injury. *Attention, Perception, and Psychophysics*, **2019**, 81, 2597-2603	2	4
67	Replacing tDCS with theta tACS provides selective, but not general WM benefits. *Brain Research*, **2019**, 1720, 146324	3.7	13
66	Examining the relationship between eye movement kinematics and schizotypy in the normal population. *Journal of Vision*, **2019**, 19, 126b	0.4	
65	Individual differences reveal limited mixed-category effects during a visual working memory task. *Neuropsychologia*, **2019**, 122, 1-10	3.2	1
64	Electrophysiological correlates of encoding processes in a full-report visual working memory paradigm. *Cognitive, Affective and Behavioral Neuroscience*, **2018**, 18, 353-365	3.5	4
63	Frontoparietal tDCS Benefits Visual Working Memory in Older Adults With Low Working Memory Capacity. *Frontiers in Aging Neuroscience*, **2018**, 10, 57	5.3	25
62	Task-relevant category differences strongly influence temporal visual statistical learning. *Journal of Vision*, **2018**, 18, 1308	0.4	
61	Tasks determine what is learned in visual statistical learning. *Psychonomic Bulletin and Review*, **2018**, 25, 1847-1854	4.1	4
60	Visual statistical learning deficits in memory-impaired individuals. *Neurocase*, **2018**, 24, 259-265	0.8	1
59	Cognitive Effects of Transcranial Direct Current Stimulation in Healthy and Clinical Populations: An Overview. *Journal of ECT*, **2018**, 34, e25-e35	2	35

58	Frontoparietal neurostimulation modulates working memory training benefits and oscillatory synchronization. *Brain Research*, **2017**, 1667, 28-40	3.7	28
57	Task demands, tDCS intensity, and the COMT valmet polymorphism impact tDCS-linked working memory training gains. *Scientific Reports*, **2017**, 7, 13463	4.9	29
56	Longitudinal tDCS: Consistency across Working Memory Training Studies. *AIMS Neuroscience*, **2017**, 4, 71-86	1.7	21
55	Visual statistical learning faces interference from response and executive demands. *Journal of Vision*, **2017**, 17, 959	0.4	
54	Evidence of limited cross-category visual statistical learning in amnesia. *Journal of Vision*, **2017**, 17, 353	0.4	
53	Frequency domain analyses of EEG reveal neural correlates of visual working memory capacity limitations observed during encoding using a full report paradigm.. *Journal of Vision*, **2017**, 17, 123	0.4	
52	Enhancing Everyday Cognition in Older Adults via Working Memory Training and Transcranial Direct Current Stimulation. *American Journal of Occupational Therapy*, **2016**, 70, 7011520298p1-7011520298p1	0.4	
51	Induced and Evoked Human Electrophysiological Correlates of Visual Working Memory Set-Size Effects at Encoding. *PLoS ONE*, **2016**, 11, e0167022	3.7	8
50	Working memory capacity differentially influences responses to tDCS and HD-tDCS in a retro-cue task. *Neuroscience Letters*, **2016**, 629, 105-109	3.3	31
49	Older Adults Improve on Everyday Tasks after Working Memory Training and Neurostimulation. *Brain Stimulation*, **2016**, 9, 553-9	5.1	79
48	Longitudinal neurostimulation in older adults improves working memory. *PLoS ONE*, **2015**, 10, e0121904	3.7	98
47	Intraparietal regions play a material general role in working memory: Evidence supporting an internal attentional role. *Neuropsychologia*, **2015**, 73, 12-24	3.2	9
46	The strategy and motivational influences on the beneficial effect of neurostimulation: a tDCS and fNIRS study. *NeuroImage*, **2015**, 105, 238-47	7.9	67
45	Contralateral delay activity tracks the influence of Gestalt grouping principles on active visual working memory representations. *Attention, Perception, and Psychophysics*, **2015**, 77, 2270-83	2	26
44	Cognitive Rehabilitation After Traumatic Brain Injury: A Reference for Occupational Therapists. *OTJR Occupation, Participation and Health*, **2015**, 35, 5-22	1.3	16
43	Can Noninvasive Neurostimulation and Working Memory Training Facilitate Transfer Gains in Healthy Older Adults?. *American Journal of Occupational Therapy*, **2015**, 69, 6911520073p1-6911520073p1	0.4	
42	Orienting attention in visual working memory requires central capacity: decreased retro-cue effects under dual-task conditions. *Attention, Perception, and Psychophysics*, **2014**, 76, 715-24	2	21
41	Hits and misses: leveraging tDCS to advance cognitive research. *Frontiers in Psychology*, **2014**, 5, 800	3.4	91

40	Real-world objects are more memorable than photographs of objects. *Frontiers in Human Neuroscience*, **2014**, 8, 837	3.3	51
39	Enhanced long-term memory encoding after parietal neurostimulation. *Experimental Brain Research* , **2014**, 232, 4043-54	2.3	28
38	Invalid retro-cues can eliminate the retro-cue benefit: Evidence for a hybridized account. *Journal of Experimental Psychology: Human Perception and Performance*, **2014**, 40, 1748-54	2.6	21
37	Influences on the beneficial effect of neurostimulation. *Visual Cognition*, **2014**, 22, 1034-1038	1.8	1
36	The steady-state visual evoked potential reveals neural correlates of the items encoded into visual working memory. *Neuropsychologia*, **2014**, 63, 145-53	3.2	16
35	Impaired perception of mnemonic oldness, but not mnemonic newness, after parietal lobe damage. *Neuropsychologia*, **2014**, 56, 409-17	3.2	45
34	Individual differences in autistic trait load in the general population predict visual working memory performance. *Quarterly Journal of Experimental Psychology*, **2013**, 66, 1182-95	1.8	16
33	Synesthetic grapheme-color percepts exist for newly encountered Hebrew, Devanagari, Armenian and Cyrillic graphemes. *Consciousness and Cognition*, **2013**, 22, 944-54	2.6	9
32	Differential frontal involvement in shifts of internal and perceptual attention. *Brain Stimulation*, **2013**, 6, 675-82	5.1	26
31	The Gestalt principle of similarity benefits visual working memory. *Psychonomic Bulletin and Review*, **2013**, 20, 1282-9	4.1	64
30	The Neural Fate of Individual Item Representations in Visual Working Memory. *Visual Cognition*, **2013**, 21,	1.8	1
29	The locus of color sensation: cortical color loss and the chromatic visual evoked potential. *Journal of Vision*, **2013**, 13,	0.4	12
28	COMT and ANKK1-Taq-Ia genetic polymorphisms influence visual working memory. *PLoS ONE*, **2013** , 8, e55862	3.7	31
27	tDCS selectively improves working memory in older adults with more education. *Neuroscience Letters*, **2012**, 521, 148-51	3.3	213
26	The mental wormhole: internal attention shifts without regard for distance. *Attention, Perception, and Psychophysics*, **2012**, 74, 1199-215	2	33
25	Shifting attention among working memory representations: testing cue type, awareness, and strategic control. *Quarterly Journal of Experimental Psychology*, **2012**, 65, 426-38	1.8	57
24	Parietal contributions to visual working memory depend on task difficulty. *Frontiers in Psychiatry*, **2012**, 3, 81	5	80
23	Insights from neuropsychology: pinpointing the role of the posterior parietal cortex in episodic and working memory. *Frontiers in Integrative Neuroscience*, **2012**, 6, 31	3.2	64

22	At the intersection of attention and memory: the mechanistic role of the posterior parietal lobe in working memory. *Neuropsychologia*, **2011**, 49, 1306-1315	3.2	47
21	Dissociation between memory accuracy and memory confidence following bilateral parietal lesions. *Cerebral Cortex*, **2010**, 20, 479-85	5.1	172
20	A selective working memory impairment after transcranial direct current stimulation to the right parietal lobe. *Neuroscience Letters*, **2010**, 479, 312-6	3.3	106
19	A calendar savant with episodic memory impairments. *Neurocase*, **2010**, 16, 208-18	0.8	4
18	True memory, false memory, and subjective recollection deficits after focal parietal lobe lesions. *Neuropsychology*, **2010**, 24, 465-75	3.8	47
17	Similarities and differences between parietal and frontal patients in autobiographical and constructed experience tasks. *Neuropsychologia*, **2010**, 48, 1385-93	3.2	61
16	The representation of object distance: evidence from neuroimaging and neuropsychology. *Frontiers in Human Neuroscience*, **2009**, 3, 43	3.3	11
15	Bilateral parietal cortex damage does not impair associative memory for paired stimuli. *Cognitive Neuropsychology*, **2009**, 26, 606-19	2.3	23
14	Impaired distance perception and size constancy following bilateral occipitoparietal damage. *Experimental Brain Research*, **2009**, 194, 381-93	2.3	22
13	On the minimization of task switch costs following long-term training. *Attention, Perception, and Psychophysics*, **2009**, 71, 503-14	2	26
12	Some surprising findings on the involvement of the parietal lobe in human memory. *Neurobiology of Learning and Memory*, **2009**, 91, 155-65	3.1	123
11	The right parietal lobe is critical for visual working memory. *Neuropsychologia*, **2008**, 46, 1767-74	3.2	81
10	Is the posterior parietal lobe involved in working memory retrieval? Evidence from patients with bilateral parietal lobe damage. *Neuropsychologia*, **2008**, 46, 1775-86	3.2	71
9	Serial reaction time performance following right parietal lobe damage. *Journal of Neuropsychology*, **2008**, 2, 509-14	2.6	2
8	Multimodal access to verbal name codes. *Perception & Psychophysics*, **2007**, 69, 628-40		12
7	Parietal lobe and episodic memory: bilateral damage causes impaired free recall of autobiographical memory. *Journal of Neuroscience*, **2007**, 27, 14415-23	6.6	224
6	Directional uncertainty in visually guided pointing. *Perceptual and Motor Skills*, **2006**, 102, 125-32	2.2	6
5	Smooth pursuit of nonvisual motion. *Journal of Neurophysiology*, **2006**, 96, 461-5	3.2	22

4	Effect of uncertainty on the time course for selection of verbal name codes. *Perception & Psychophysics*, **2005**, 67, 1437-45		4
3	Effects of directional uncertainty on visually-guided joystick pointing. *Perceptual and Motor Skills*, **2005**, 100, 267-74	2.2	10
2	Smooth pursuit under stimulus-response uncertainty. *Cognitive Brain Research*, **2004**, 19, 100-2		8
1	Vibrotactile temporal summation: probability summation or neural integration?. *Somatosensory & Motor Research*, **1999**, 16, 229-42	1.2	45