

# Jeremy B Caplan

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

5,464  
citations

236925

25  
h-index

128289

60  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular networks underlying human spatial navigation. <i>Nature</i> , 2003, 425, 184-188.	27.8	1,102
2	Gating of Human Theta Oscillations by a Working Memory Task. <i>Journal of Neuroscience</i> , 2001, 21, 3175-3183.	3.6	683
3	Human theta oscillations exhibit task dependence during virtual maze navigation. <i>Nature</i> , 1999, 399, 781-784.	27.8	667
4	Gamma Oscillations Correlate with Working Memory Load in Humans. <i>Cerebral Cortex</i> , 2003, 13, 1369-1374.	2.9	658
5	Human $\theta$ Oscillations Related to Sensorimotor Integration and Spatial Learning. <i>Journal of Neuroscience</i> , 2003, 23, 4726-4736.	3.6	381
6	Human hippocampal theta activity during virtual navigation. <i>Hippocampus</i> , 2005, 15, 881-889.	1.9	346
7	Distinct Patterns of Brain Oscillations Underlie Two Basic Parameters of Human Maze Learning. <i>Journal of Neurophysiology</i> , 2001, 86, 368-380.	1.8	211
8	A better oscillation detection method robustly extracts EEG rhythms across brain state changes: The human alpha rhythm as a test case. <i>NeuroImage</i> , 2011, 54, 860-874.	4.2	119
9	Immediate memory consequences of the effect of emotion on attention to pictures. <i>Learning and Memory</i> , 2008, 15, 172-182.	1.3	103
10	Learning your way around town: How virtual taxicab drivers learn to use both layout and landmark information. <i>Cognition</i> , 2007, 104, 231-253.	2.2	98
11	Theta oscillations reflect a putative neural mechanism for human sensorimotor integration. <i>Journal of Neurophysiology</i> , 2012, 107, 65-77.	1.8	88
12	Building a memory palace in minutes: Equivalent memory performance using virtual versus conventional environments with the Method of Loci. <i>Acta Psychologica</i> , 2012, 141, 380-390.	1.5	81
13	Associative asymmetry in probed recall of serial lists. <i>Memory and Cognition</i> , 2002, 30, 841-849.	1.6	65
14	BOSC: A better oscillation detection method, extracts both sustained and transient rhythms from rat hippocampal recordings. <i>Hippocampus</i> , 2012, 22, 1417-1428.	1.9	63
15	Emotional arousal does not enhance association-memory. <i>Journal of Memory and Language</i> , 2012, 66, 695-716.	2.1	62
16	N400 incongruity effect in an episodic memory task reveals different strategies for handling irrelevant contextual information for Japanese than European Canadians. <i>Cognitive Neuroscience</i> , 2014, 5, 17-25.	1.4	60
17	The influence of item properties on association-memory. <i>Journal of Memory and Language</i> , 2010, 63, 46-63.	2.1	57
18	Emotional arousal impairs association-memory: Roles of amygdala and hippocampus. <i>NeuroImage</i> , 2017, 156, 14-28.	4.2	53

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19	Right-lateralized Brain Oscillations in Human Spatial Navigation. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 824-836.	2.3	51
20	The roles of EEG oscillations in learning relational information. <i>NeuroImage</i> , 2007, 38, 604-616.	4.2	47
21	Distinguishing rhythmic from non-rhythmic brain activity during rest in healthy neurocognitive aging. <i>NeuroImage</i> , 2015, 112, 341-352.	4.2	47
22	Word Imageability Enhances Association-memory by Increasing Hippocampal Engagement. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1522-1538.	2.3	32
23	Two Distinct Functional Networks for Successful Resolution of Proactive Interference. <i>Cerebral Cortex</i> , 2007, 17, 1650-1663.	2.9	31
24	Associative isolation: Unifying associative and list memory. <i>Journal of Mathematical Psychology</i> , 2005, 49, 383-402.	1.8	25
25	High Reward Makes Items Easier to Remember, but Harder to Bind to a New Temporal Context. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 61.	2.1	25
26	Parallel networks operating across attentional deployment and motion processing: A multi-seed partial least squares fMRI study. <i>NeuroImage</i> , 2006, 29, 1192-1202.	4.2	23
27	Linking associative and serial list memory: Pairs versus triples.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2006, 32, 1244-1265.	0.9	22
28	Intrusions in episodic memory: reconsolidation or interference?. <i>Learning and Memory</i> , 2017, 24, 216-224.	1.3	21
29	Order-memory and association-memory.. <i>Canadian Journal of Experimental Psychology</i> , 2015, 69, 221-232.	0.8	19
30	Precise instructions determine participants'™ memory search strategy in judgments of relative order in short lists. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 945-951.	2.8	16
31	Interference and the Representation of Order within Associations. <i>Quarterly Journal of Experimental Psychology</i> , 2011, 64, 1409-1429.	1.1	16
32	Is what goes in what comes out? Encoding and retrieval event-related potentials together determine memory outcome. <i>Experimental Brain Research</i> , 2014, 232, 3175-3190.	1.5	13
33	Task dependence of human theta: The case for multiple cognitive functions. <i>Neurocomputing</i> , 2000, 32-33, 659-665.	5.9	12
34	Associative independence revisited: competition between conflicting associations can be resolved or even reversed in one trial. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 832-857.	1.1	12
35	EEG Activity Underlying Successful Study of Associative and Order Information. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1346-1364.	2.3	10
36	Associative asymmetry of compound words.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1163-1171.	0.9	10

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37	Associations Compete Directly in Memory. <i>Quarterly Journal of Experimental Psychology</i> , 2014, 67, 955-978.	1.1	9
38	Generality of a congruity effect in judgements of relative order. <i>Memory and Cognition</i> , 2014, 42, 1086-1105.	1.6	9
39	Order of items within associations. <i>Journal of Memory and Language</i> , 2017, 97, 81-102.	2.1	9
40	Rhythmic Activity and Individual Variability in Recognition Memory: Theta Oscillations Correlate with Performance whereas Alpha Oscillations Correlate with ERPs. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 183-202.	2.3	9
41	Reduced associative memory for negative information: impact of confidence and interactive imagery during study. <i>Cognition and Emotion</i> , 2019, 33, 1745-1753.	2.0	9
42	Item-properties may influence item-item associations in serial recall. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 483-491.	2.8	8
43	Predicting memory from study-related brain activity. <i>Journal of Neurophysiology</i> , 2020, 124, 2060-2075.	1.8	8
44	Unifying models of paired associates and serial learning: insights from simulating a chaining model. <i>Neurocomputing</i> , 2004, 58-60, 739-743.	5.9	7
45	Long-Term Recency in Anterograde Amnesia. <i>PLoS ONE</i> , 2015, 10, e0124084.	2.5	7
46	A hexagonal Fourier model of grid cells. <i>Hippocampus</i> , 2019, 29, 37-45.	1.9	7
47	Using intracranial recordings to study theta. <i>Trends in Cognitive Sciences</i> , 1999, 3, 406-407.	7.8	6
48	Associative interference in older and younger adults.. <i>Psychology and Aging</i> , 2019, 34, 558-571.	1.6	6
49	Effectiveness of the method of loci is only minimally related to factors that should influence imagined navigation. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 2541-2553.	1.1	5
50	Value bias of verbal memory. <i>Journal of Memory and Language</i> , 2019, 107, 25-39.	2.1	5
51	Temporal grouping and direction of serial recall. <i>Memory and Cognition</i> , 2020, 48, 1295-1315.	1.6	5
52	Imagery-based strategies for memory for associations. <i>Memory</i> , 2021, 29, 1275-1295.	1.7	5
53	The Impact of Acute Exercise Timing on Memory Interference. <i>Perceptual and Motor Skills</i> , 2021, 128, 1215-1234.	1.3	4
54	Chaining models of serial recall can produce positional errors. <i>Journal of Mathematical Psychology</i> , 2022, 109, 102677.	1.8	4

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55	Human electrophysiological reflections of the recruitment of perceptual processing during actions that engage memory. <i>Journal of Vision</i> , 2012, 12, 29-29.	0.3	3
56	Emotional arousal impairs association memory: roles of prefrontal cortex regions. <i>Learning and Memory</i> , 2021, 28, 76-81.	1.3	3
57	A perception-based ERP reveals that the magnitude of delay matters for memory-guided reaching. <i>Experimental Brain Research</i> , 2014, 232, 2087-2094.	1.5	2
58	Mnemonic scaffolds vary in effectiveness for serial recall. <i>Memory</i> , 2022, 30, 869-894.	1.7	2
59	The brain's representations may be compatible with convolution-based memory models.. <i>Canadian Journal of Experimental Psychology</i> , 2017, 71, 299-312.	0.8	1
60	Associative recognition without hippocampal associations.. <i>Psychological Review</i> , 2022, 129, 1249-1280.	3.8	1
61	Judgments of alphabetical order and mechanisms of congruity effects.. <i>Canadian Journal of Experimental Psychology</i> , 2022, 76, 283-301.	0.8	1
62	Cover Image, Volume 29, Issue 1. <i>Hippocampus</i> , 2019, 29, C1-C1.	1.9	0
63	Adding a bias to vector models of association memory provides item memory for free. <i>Journal of Mathematical Psychology</i> , 2020, 97, 102358.	1.8	0