

# Joel Voss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9183057/publications.pdf>

Version: 2024-02-01

82  
papers

5,262  
citations

94433

37  
h-index

95266

68  
g-index

83  
all docs

83  
docs citations

83  
times ranked

4949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted enhancement of cortical-hippocampal brain networks and associative memory. <i>Science</i> , 2014, 345, 1054-1057.	12.6	462
2	Strengthening Individual Memories by Reactivating Them During Sleep. <i>Science</i> , 2009, 326, 1079-1079.	12.6	436
3	Experience-Dependent Neural Integration of Taste and Smell in the Human Brain. <i>Journal of Neurophysiology</i> , 2004, 92, 1892-1903.	1.8	334
4	Validating neural correlates of familiarity. <i>Trends in Cognitive Sciences</i> , 2007, 11, 243-250.	7.8	286
5	A Closer Look at the Hippocampus and Memory. <i>Trends in Cognitive Sciences</i> , 2017, 21, 577-588.	7.8	167
6	An electrophysiological signature of unconscious recognition memory. <i>Nature Neuroscience</i> , 2009, 12, 349-355.	14.8	165
7	A Human Depression Circuit Derived From Focal Brain Lesions. <i>Biological Psychiatry</i> , 2019, 86, 749-758.	1.3	158
8	Hippocampal brain-network coordination during volitional exploratory behavior enhances learning. <i>Nature Neuroscience</i> , 2011, 14, 115-120.	14.8	151
9	Fluent Conceptual Processing and Explicit Memory for Faces Are Electrophysiologically Distinct. <i>Journal of Neuroscience</i> , 2006, 26, 926-933.	3.6	130
10	Finding meaning in novel geometric shapes influences electrophysiological correlates of repetition and dissociates perceptual and conceptual priming. <i>NeuroImage</i> , 2010, 49, 2879-2889.	4.2	127
11	Brain substrates of implicit and explicit memory: The importance of concurrently acquired neural signals of both memory types. <i>Neuropsychologia</i> , 2008, 46, 3021-3029.	1.6	123
12	Neural correlates of conceptual implicit memory and their contamination of putative neural correlates of explicit memory. <i>Learning and Memory</i> , 2007, 14, 259-267.	1.3	114
13	More than a feeling: Pervasive influences of memory without awareness of retrieval. <i>Cognitive Neuroscience</i> , 2012, 3, 193-207.	1.4	112
14	Stimulation of the Posterior Cortical-Hippocampal Network Enhances Precision of Memory Recollection. <i>Current Biology</i> , 2017, 27, 465-470.	3.9	108
15	Spontaneous revisitation during visual exploration as a link among strategic behavior, learning, and the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E402-9.	7.1	102
16	Attention bias and anxiety in young children exposed to family violence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1194-1201.	5.2	100
17	Spatial reconstruction by patients with hippocampal damage is dominated by relational memory errors. <i>Hippocampus</i> , 2013, 23, 570-580.	1.9	99
18	Memory reactivation and consolidation during sleep. <i>Learning and Memory</i> , 2004, 11, 664-670.	1.3	90

#	ARTICLE	IF	CITATIONS
19	Remembering and knowing: Electrophysiological distinctions at encoding but not retrieval. <i>NeuroImage</i> , 2009, 46, 280-289.	4.2	89
20	Accurate forced-choice recognition without awareness of memory retrieval. <i>Learning and Memory</i> , 2008, 15, 454-459.	1.3	85
21	Conceptual Priming and Familiarity: Different Expressions of Memory during Recognition Testing with Distinct Neurophysiological Correlates. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2638-2651.	2.3	84
22	Exposure therapy triggers lasting reorganization of neural fear processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9203-9208.	7.1	78
23	Long-lasting enhancements of memory and hippocampal-cortical functional connectivity following multiple-day targeted noninvasive stimulation. <i>Hippocampus</i> , 2015, 25, 877-883.	1.9	69
24	Covert rapid action-memory simulation (CRAMS): A hypothesis of hippocampal-prefrontal interactions for adaptive behavior. <i>Neurobiology of Learning and Memory</i> , 2015, 117, 22-33.	1.9	68
25	Evidence for Immediate Enhancement of Hippocampal Memory Encoding by Network-Targeted Theta-Burst Stimulation during Concurrent fMRI. <i>Journal of Neuroscience</i> , 2020, 40, 7155-7168.	3.6	63
26	Establishing a relationship between activity reduction in human perirhinal cortex and priming. <i>Hippocampus</i> , 2009, 19, 773-778.	1.9	61
27	Hippocampal functional connectivity is related to self-reported cognitive concerns in breast cancer patients undergoing adjuvant therapy. <i>NeuroImage: Clinical</i> , 2018, 20, 110-118.	2.7	60
28	Network-targeted stimulation engages neurobehavioral hallmarks of age-related memory decline. <i>Neurology</i> , 2019, 92, e2349-e2354.	1.1	60
29	Assuming too much from "familiar" brain potentials. <i>Trends in Cognitive Sciences</i> , 2012, 16, 313-315.	7.8	54
30	Frequency-specific noninvasive modulation of memory retrieval and its relationship with hippocampal network connectivity. <i>Hippocampus</i> , 2019, 29, 595-609.	1.9	53
31	Selective and coherent activity increases due to stimulation indicate functional distinctions between episodic memory networks. <i>Science Advances</i> , 2018, 4, eaar2768.	10.3	51
32	Early-life stress exposure associated with altered prefrontal resting-state fMRI connectivity in young children. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 107-114.	4.0	50
33	Can the fear recognition deficits associated with callous-unemotional traits be identified in early childhood?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 672-684.	1.3	49
34	Persistent Enhancement of Hippocampal Network Connectivity by Parietal rTMS Is Reproducible. <i>ENeuro</i> , 2019, 6, ENEURO.0129-19.2019.	1.9	47
35	Real-Time Neural Signals of Perceptual Priming with Unfamiliar Geometric Shapes. <i>Journal of Neuroscience</i> , 2010, 30, 9181-9188.	3.6	46
36	Familiarity and Conceptual Priming Engage Distinct Cortical Networks. <i>Cerebral Cortex</i> , 2008, 18, 1712-1719.	2.9	45

#	ARTICLE	IF	CITATIONS
37	Hippocampal contribution to implicit configuration memory expressed via eye movements during scene exploration. <i>Hippocampus</i> , 2015, 25, 1028-1041.	1.9	45
38	The hippocampus uses information just encountered to guide efficient ongoing behavior. <i>Hippocampus</i> , 2014, 24, 154-164.	1.9	40
39	What makes recognition without awareness appear to be elusive? Strategic factors that influence the accuracy of guesses. <i>Learning and Memory</i> , 2010, 17, 460-468.	1.3	39
40	Subtle hippocampal deformities in breast cancer survivors with reduced episodic memory and self-reported cognitive concerns. <i>NeuroImage: Clinical</i> , 2017, 14, 685-691.	2.7	36
41	Hippocampal Binding of Novel Information with Dominant Memory Traces Can Support Both Memory Stability and Change. <i>Journal of Neuroscience</i> , 2014, 34, 2203-2213.	3.6	34
42	Distinguishing the precision of spatial recollection from its success: Evidence from healthy aging and unilateral mesial temporal lobe resection. <i>Neuropsychologia</i> , 2018, 119, 101-106.	1.6	34
43	Episodic memory improvements due to noninvasive stimulation targeting the cortical-hippocampal network: A replication and extension experiment. <i>Brain and Behavior</i> , 2019, 9, e01393.	2.2	30
44	Investigating the Awareness of Remembering. <i>Perspectives on Psychological Science</i> , 2009, 4, 185-199.	9.0	29
45	Hematoma Locations Predicting Delirium Symptoms After Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2016, 24, 397-403.	2.4	29
46	Exposure to violence and low family income are associated with heightened amygdala responsiveness to threat among adolescents. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100709.	4.0	29
47	Reduced prefrontal activation during working and long-term memory tasks and impaired patient-reported cognition among cancer survivors postchemotherapy compared with healthy controls. <i>Cancer</i> , 2016, 122, 258-268.	4.1	28
48	Distinct Hippocampal versus Frontoparietal Network Contributions to Retrieval and Memory-guided Exploration. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1324-1338.	2.3	28
49	Attention bias in the developmental unfolding of post-traumatic stress symptoms in young children at risk. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1083-1091.	5.2	27
50	Electrophysiological correlates of forming memories for faces, names, and face-name associations. <i>Cognitive Brain Research</i> , 2005, 22, 153-164.	3.0	26
51	Am I looking at a cat or a dog? Gaze in the semantic variant of primary progressive aphasia is subject to excessive taxonomic capture. <i>Journal of Neurolinguistics</i> , 2016, 37, 68-81.	1.1	23
52	Structural and Functional MRI Evidence for Distinct Medial Temporal and Prefrontal Roles in Context-dependent Relational Memory. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1857-1872.	2.3	22
53	Competitive and cooperative interactions between medial temporal and striatal learning systems. <i>Neuropsychologia</i> , 2020, 136, 107257.	1.6	22
54	Long-term associative memory capacity in man. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 1076-1081.	2.8	21

#	ARTICLE	IF	CITATIONS
55	Punishment insensitivity and impaired reinforcement learning in preschoolers. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 154-161.	5.2	21
56	Targeted Stimulation of an Orbitofrontal Network Disrupts Decisions Based on Inferred, Not Experienced Outcomes. <i>Journal of Neuroscience</i> , 2020, 40, 8726-8733.	3.6	21
57	Cerebellar Theta and Beta Noninvasive Stimulation Rhythms Differentially Influence Episodic Memory versus Semantic Prediction. <i>Journal of Neuroscience</i> , 2020, 40, 7300-7310.	3.6	21
58	Brain Networks for Exploration Decisions Utilizing Distinct Modeled Information Types during Contextual Learning. <i>Neuron</i> , 2014, 82, 1171-1182.	8.1	20
59	Hippocampal cortical contributions to strategic exploration during perceptual discrimination. <i>Hippocampus</i> , 2017, 27, 642-652.	1.9	20
60	Active retrieval facilitates across-episode binding by modulating the content of memory. <i>Neuropsychologia</i> , 2014, 63, 154-164.	1.6	19
61	Cortical regions recruited for complex active-learning strategies and action planning exhibit rapid reactivation during memory retrieval. <i>Neuropsychologia</i> , 2011, 49, 3956-3966.	1.6	18
62	Medial temporal contributions to successful face-name learning. <i>Human Brain Mapping</i> , 2012, 33, 1717-1726.	3.6	17
63	Time to Go Our Separate Ways: Opposite Effects of Study Duration on Priming and Recognition Reveal Distinct Neural Substrates. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 227.	2.0	16
64	Basic perceptual changes that alter meaning and neural correlates of recognition memory. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 49.	2.0	16
65	Rapid coordination of effective learning by the human hippocampus. <i>Science Advances</i> , 2021, 7, .	10.3	16
66	Implicit Recognition Based on Lateralized Perceptual Fluency. <i>Brain Sciences</i> , 2012, 2, 22-32.	2.3	15
67	Increased fMRI activity correlations in autobiographical memory versus resting states. <i>Human Brain Mapping</i> , 2018, 39, 4312-4321.	3.6	13
68	Age-related impairments in active learning and strategic visual exploration. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 19.	3.4	12
69	Selective verbal recognition memory impairments are associated with atrophy of the language network in non-semantic variants of primary progressive aphasia. <i>Neuropsychologia</i> , 2017, 100, 10-17.	1.6	12
70	Familiarity or Conceptual Priming? Good Question! Comment on Stenberg, Hellman, Johansson, and Rosén (2009). <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 615-617.	2.3	11
71	Bridging divergent neural models of recognition memory: Introduction to the special issue and commentary on key issues. <i>Hippocampus</i> , 2010, 20, 1171-1177.	1.9	10
72	Memory awareness disruptions in amnesic mild cognitive impairment: comparison of multiple awareness types for verbal and visuospatial material. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 577-598.	1.3	10

#	ARTICLE	IF	CITATIONS
73	Prefrontal $\hat{I}_1$ -Burst Stimulation Disrupts the Organizing Influence of Active Short-Term Retrieval on Episodic Memory. <i>ENeuro</i> , 2018, 5, ENEURO.0347-17.2018.	1.9	10
74	Eye movements as probes of lexico-semantic processing in a patient with primary progressive aphasia. <i>Neurocase</i> , 2016, 22, 65-75.	0.6	9
75	Binding among select episodic elements is altered via active short-term retrieval. <i>Learning and Memory</i> , 2015, 22, 360-363.	1.3	8
76	Large-scale network interactions supporting item-context memory formation. <i>PLoS ONE</i> , 2019, 14, e0210167.	2.5	6
77	Recognition without awareness in humans and its implications for animal models of episodic memory. <i>Communicative and Integrative Biology</i> , 2009, 2, 203-204.	1.4	5
78	On the pervasive influences of implicit memory. <i>Cognitive Neuroscience</i> , 2012, 3, 219-226.	1.4	5
79	Adolescent development of context-dependent stimulus-reward association memory and its neural correlates. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 581.	2.0	4
80	Innovative approaches in cognitive aging. <i>Neurobiology of Aging</i> , 2019, 83, 150-154.	3.1	4
81	Hemisphere-specific effects of prefrontal theta-burst stimulation on visual recognition memory accuracy and awareness. <i>Brain and Behavior</i> , 2019, 9, e01228.	2.2	4
82	Connections between mechanisms for anosognosia and implicit memory. <i>Cognitive Neuroscience</i> , 2013, 4, 202-203.	1.4	1