

Anthony D Wagner

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

10,927
citations

43
h-index

104
g-index

111
ext. papers

12,511
ext. citations

9.7
avg, IF

6.58
L-index

#	Paper	IF	Citations
75	Parietal lobe contributions to episodic memory retrieval. <i>Trends in Cognitive Sciences</i> , 2005 , 9, 445-53	14	1194
74	Left ventrolateral prefrontal cortex and the cognitive control of memory. <i>Neuropsychologia</i> , 2007 , 45, 2883-901	3.2	993
73	Cognitive control in media multitaskers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15583-7	11.5	841
72	Multiple routes to memory: distinct medial temporal lobe processes build item and source memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2157-62	11.5	701
71	Observing the transformation of experience into memory. <i>Trends in Cognitive Sciences</i> , 2002 , 6, 93-102	14	648
70	Prefrontal-temporal circuitry for episodic encoding and subsequent memory. <i>Journal of Neuroscience</i> , 2000 , 20, 6173-80	6.6	467
69	Executive control during episodic retrieval: multiple prefrontal processes subserve source memory. <i>Neuron</i> , 2002 , 35, 989-96	13.9	398
68	Integrating memories in the human brain: hippocampal-midbrain encoding of overlapping events. <i>Neuron</i> , 2008 , 60, 378-89	13.9	342
67	Functional-neuroanatomic correlates of recollection: implications for models of recognition memory. <i>Journal of Neuroscience</i> , 2004 , 24, 4172-80	6.6	322
66	Memory orientation and success: separable neurocognitive components underlying episodic recognition. <i>Neuropsychologia</i> , 2003 , 41, 318-33	3.2	274
65	Functional Magnetic Resonance Imaging of Semantic Memory Processes in the Frontal Lobes. <i>Psychological Science</i> , 1996 , 7, 278-283	7.9	251
64	Memory strength and repetition suppression: multimodal imaging of medial temporal cortical contributions to recognition. <i>Neuron</i> , 2005 , 47, 751-61	13.9	221
63	Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer's disease. <i>Nature</i> , 2020 , 577, 399-404	50.4	221
62	Posterior parietal cortex and episodic retrieval: convergent and divergent effects of attention and memory. <i>Learning and Memory</i> , 2009 , 16, 343-56	2.8	218
61	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: towards a harmonized segmentation protocol. <i>NeuroImage</i> , 2015 , 111, 526-41	7.9	209
60	Domain-general and domain-sensitive prefrontal mechanisms for recollecting events and detecting novelty. <i>Cerebral Cortex</i> , 2005 , 15, 1768-78	5.1	194
59	Decreased demands on cognitive control reveal the neural processing benefits of forgetting. <i>Nature Neuroscience</i> , 2007 , 10, 908-14	25.5	191

58	Distributed representations in memory: insights from functional brain imaging. <i>Annual Review of Psychology</i> , 2012 , 63, 101-28	26.1	185
57	What do differences between multi-voxel and univariate analysis mean? How subject-, voxel-, and trial-level variance impact fMRI analysis. <i>NeuroImage</i> , 2014 , 97, 271-83	7.9	178
56	Resistance to forgetting associated with hippocampus-mediated reactivation during new learning. <i>Nature Neuroscience</i> , 2010 , 13, 501-6	25.5	157
55	Imaging the human medial temporal lobe with high-resolution fMRI. <i>Neuron</i> , 2010 , 65, 298-308	13.9	143
54	Global similarity and pattern separation in the human medial temporal lobe predict subsequent memory. <i>Journal of Neuroscience</i> , 2013 , 33, 5466-74	6.6	139
53	Fidelity of neural reactivation reveals competition between memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5903-8	11.5	139
52	Computational and neurobiological mechanisms underlying cognitive flexibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7186-91	11.5	132
51	Prospective representation of navigational goals in the human hippocampus. <i>Science</i> , 2016 , 352, 1323-6	33.3	131
50	Content representation in the human medial temporal lobe. <i>Cerebral Cortex</i> , 2013 , 23, 80-96	5.1	123
49	Functional heterogeneity in posterior parietal cortex across attention and episodic memory retrieval. <i>Cerebral Cortex</i> , 2014 , 24, 49-66	5.1	117
48	Detecting individual memories through the neural decoding of memory states and past experience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 9849-54	11.5	115
47	Functional MRI-based lie detection: scientific and societal challenges. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 123-31	13.5	112
46	High-resolution fMRI of content-sensitive subsequent memory responses in human medial temporal lobe. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 156-73	3.1	107
45	Acute stress and episodic memory retrieval: neurobiological mechanisms and behavioral consequences. <i>Annals of the New York Academy of Sciences</i> , 2016 , 1369, 55-75	6.5	101
44	Cortical reinstatement mediates the relationship between content-specific encoding activity and subsequent recollection decisions. <i>Cerebral Cortex</i> , 2014 , 24, 3350-64	5.1	98
43	Frontoparietal representations of task context support the flexible control of goal-directed cognition. <i>Journal of Neuroscience</i> , 2014 , 34, 10743-55	6.6	95
42	Associative retrieval processes in the human medial temporal lobe: hippocampal retrieval success and CA1 mismatch detection. <i>Learning and Memory</i> , 2011 , 18, 523-8	2.8	88
41	Performance-related sustained and anticipatory activity in human medial temporal lobe during delayed match-to-sample. <i>Journal of Neuroscience</i> , 2009 , 29, 11880-90	6.6	84

40	Media multitasking and memory: Differences in working memory and long-term memory. <i>Psychonomic Bulletin and Review</i> , 2016 , 23, 483-90	4.1	82
39	Multi-voxel patterns of visual category representation during episodic encoding are predictive of subsequent memory. <i>Neuropsychologia</i> , 2012 , 50, 458-69	3.2	77
38	Loss of pattern separation performance in schizophrenia suggests dentate gyrus dysfunction. <i>Schizophrenia Research</i> , 2014 , 159, 193-7	3.6	71
37	What Can Neuroimaging Tell Us About the Mind?: Insights From Prefrontal Cortex. <i>Current Directions in Psychological Science</i> , 2004 , 13, 177-181	6.5	57
36	Media Multitasking and Cognitive, Psychological, Neural, and Learning Differences. <i>Pediatrics</i> , 2017 , 140, S62-S66	7.4	52
35	Minds and brains of media multitaskers: Current findings and future directions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9889-9896	11.5	47
34	Attention during memory retrieval enhances future remembering. <i>Memory and Cognition</i> , 2009 , 37, 953-61	6.1	46
33	Decoding fMRI Signatures of Real-world Autobiographical Memory Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 604-20	3.1	45
32	Individual differences in associative memory among older adults explained by hippocampal subfield structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12075-12080	11.5	39
31	Electrocorticography reveals the temporal dynamics of posterior parietal cortical activity during recognition memory decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11066-71	11.5	34
30	Cognitive control, attention, and the other race effect in memory. <i>PLoS ONE</i> , 2017 , 12, e0173579	3.7	33
29	Prediction strength modulates responses in human area CA1 to sequence violations. <i>Journal of Neurophysiology</i> , 2015 , 114, 1227-38	3.2	31
28	Hippocampal CA1 subfield predicts episodic memory impairment in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019 , 23, 101824	5.3	26
27	Human hippocampal increases in low-frequency power during associative prediction violations. <i>Neuropsychologia</i> , 2013 , 51, 2344-51	3.2	25
26	Memory failure predicted by attention lapsing and media multitasking. <i>Nature</i> , 2020 , 587, 87-91	50.4	25
25	Knowledge Acquisition during Exam Preparation Improves Memory and Modulates Memory Formation. <i>Journal of Neuroscience</i> , 2016 , 36, 8103-11	6.6	24
24	Hippocampal pattern separation supports reinforcement learning. <i>Nature Communications</i> , 2019 , 10, 1073	17.4	22
23	Adaptive Engagement of Cognitive Control in Context-Dependent Decision Making. <i>Cerebral Cortex</i> , 2017 , 27, 1270-1284	5.1	22

22	Increased functional connectivity between dorsal posterior parietal and ventral occipitotemporal cortex during uncertain memory decisions. <i>Neurobiology of Learning and Memory</i> , 2015 , 117, 71-83	3.1	20
21	Goal-Directed Modulation of Neural Memory Patterns: Implications for fMRI-Based Memory Detection. <i>Journal of Neuroscience</i> , 2015 , 35, 8531-45	6.6	20
20	Tau PET imaging with F-PI-2620 in aging and neurodegenerative diseases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2233-2244	8.8	20
19	Stress Disrupts Human Hippocampal-Prefrontal Function during Prospective Spatial Navigation and Hinders Flexible Behavior. <i>Current Biology</i> , 2020 , 30, 1821-1833.e8	6.3	18
18	Stress Impairs Episodic Retrieval by Disrupting Hippocampal and Cortical Mechanisms of Remembering. <i>Cerebral Cortex</i> , 2019 , 29, 2947-2964	5.1	18
17	Distributed representation of context by intrinsic subnetworks in prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 2030-2035	11.5	17
16	Integrated externally and internally generated task predictions jointly guide cognitive control in prefrontal cortex. <i>ELife</i> , 2018 , 7,	8.9	16
15	Measuring Memory Reactivation With Functional MRI: Implications for Psychological Theory. <i>Perspectives on Psychological Science</i> , 2013 , 8, 72-8	9.8	14
14	Hippocampal and cortical mechanisms at retrieval explain variability in episodic remembering in older adults. <i>ELife</i> , 2020 , 9,	8.9	12
13	Differential Medial Temporal Lobe and Parietal Cortical Contributions to Real-world Autobiographical Episodic and Autobiographical Semantic Memory. <i>Scientific Reports</i> , 2018 , 8, 6190	4.9	11
12	Interactions between Memory and New Learning: Insights from fMRI Multivoxel Pattern Analysis. <i>Frontiers in Systems Neuroscience</i> , 2016 , 10, 46	3.5	11
11	Content Tuning in the Medial Temporal Lobe Cortex: Voxels that Perceive, Retrieve. <i>ENeuro</i> , 2019 , 6,	3.9	9
10	Noninvasive functional and anatomical imaging of the human medial temporal lobe. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015 , 7, a021840	10.2	8
9	When the ventral visual stream is not enough: A deep learning account of medial temporal lobe involvement in perception. <i>Neuron</i> , 2021 , 109, 2755-2766.e6	13.9	8
8	Memory, Numbers, and Action Decision in Human Posterior Parietal Cortex. <i>Neuron</i> , 2018 , 97, 7-10	13.9	7
7	Learned Spatial Schemas and Prospective Hippocampal Activity Support Navigation After One-Shot Learning. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 486	3.3	7
6	Temporal Dynamics of Memory-guided Cognitive Control and Generalization of Control via Overlapping Associative Memories. <i>Journal of Neuroscience</i> , 2020 , 40, 2343-2356	6.6	6
5	Law and neuroscience: recommendations submitted to the President's Bioethics Commission. <i>Journal of Law and the Biosciences</i> , 2014 , 1, 224-236	4.1	6

4	Prefrontal reinstatement of contextual task demand is predicted by separable hippocampal patterns. <i>Nature Communications</i> , 2020 , 11, 2053	17.4	4
3	Forgetting and Retrieval 2009 ,		3
2	Association of CSF Biomarkers With Hippocampal-Dependent Memory in Preclinical Alzheimer Disease. <i>Neurology</i> , 2021 , 96, e1470-e1481	6.5	2
1	When the ventral visual stream is not enough: A deep learning account of medial temporal lobe involvement in perception		1