

# Kenneth A Norman

## List of Publications by Year in descending order

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99  
papers

12,061  
citations

71102

41  
h-index

49909

87  
g-index

137  
all docs

137  
docs citations

137  
times ranked

7771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond mind-reading: multi-voxel pattern analysis of fMRI data. <i>Trends in Cognitive Sciences</i> , 2006, 10, 424-430.	7.8	2,083
2	Modeling hippocampal and neocortical contributions to recognition memory: A complementary-learning-systems approach. <i>Psychological Review</i> , 2003, 110, 611-646.	3.8	1,091
3	THE COGNITIVE NEUROSCIENCE OF CONSTRUCTIVE MEMORY. <i>Annual Review of Psychology</i> , 1998, 49, 289-318.	17.7	714
4	Category-Specific Cortical Activity Precedes Retrieval During Memory Search. <i>Science</i> , 2005, 310, 1963-1966.	12.6	576
5	Discovering Event Structure in Continuous Narrative Perception and Memory. <i>Neuron</i> , 2017, 95, 709-721.e5.	8.1	566
6	A context maintenance and retrieval model of organizational processes in free recall. <i>Psychological Review</i> , 2009, 116, 129-156.	3.8	490
7	False recognition in younger and older adults: Exploring the characteristics of illusory memories. <i>Memory and Cognition</i> , 1997, 25, 838-848.	1.6	481
8	Shared memories reveal shared structure in neural activity across individuals. <i>Nature Neuroscience</i> , 2017, 20, 115-125.	14.8	443
9	Complementary learning systems within the hippocampus: a neural network modelling approach to reconciling episodic memory with statistical learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160049.	4.0	305
10	Closed-loop training of attention with real-time brain imaging. <i>Nature Neuroscience</i> , 2015, 18, 470-475.	14.8	254
11	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, 271-283.	4.2	245
12	Recollection, Familiarity, and Cortical Reinstatement: A Multivoxel Pattern Analysis. <i>Neuron</i> , 2009, 63, 697-708.	8.1	237
13	Statistical learning of temporal community structure in the hippocampus. <i>Hippocampus</i> , 2016, 26, 3-8.	1.9	220
14	Representation of Real-World Event Schemas during Narrative Perception. <i>Journal of Neuroscience</i> , 2018, 38, 9689-9699.	3.6	208
15	A neural network model of retrieval-induced forgetting. <i>Psychological Review</i> , 2007, 114, 887-953.	3.8	188
16	Computational approaches to fMRI analysis. <i>Nature Neuroscience</i> , 2017, 20, 304-313.	14.8	185
17	How hippocampus and cortex contribute to recognition memory: Revisiting the complementary learning systems model. <i>Hippocampus</i> , 2010, 20, 1217-1227.	1.9	182
18	Human hippocampal replay during rest prioritizes weakly learned information and predicts memory performance. <i>Nature Communications</i> , 2018, 9, 3920.	12.8	167

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19	Retrieval as a Fast Route to Memory Consolidation. Trends in Cognitive Sciences, 2017, 21, 573-576.	7.8	149
20	Sleep Spindle Refractoriness Segregates Periods of Memory Reactivation. Current Biology, 2018, 28, 1736-1743.e4.	3.9	135
21	Reinstated episodic context guides sampling-based decisions for reward. Nature Neuroscience, 2017, 20, 997-1003.	14.8	120
22	Shared computational principles for language processing in humans and deep language models. Nature Neuroscience, 2022, 25, 369-380.	14.8	116
23	Pruning of memories by context-based prediction error. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8997-9002.	7.1	108
24	How Inhibitory Oscillations Can Train Neural Networks and Punish Competitors. Neural Computation, 2006, 18, 1577-1610.	2.2	107
25	Discovering latent causes in reinforcement learning. Current Opinion in Behavioral Sciences, 2015, 5, 43-50.	3.9	104
26	Structured Event Memory: A neuro-symbolic model of event cognition.. Psychological Review, 2020, 127, 327-361.	3.8	98
27	Nonmonotonic Plasticity: How Memory Retrieval Drives Learning. Trends in Cognitive Sciences, 2019, 23, 726-742.	7.8	97
28	Moderate levels of activation lead to forgetting in the think/no-think paradigm. Neuropsychologia, 2013, 51, 2371-2388.	1.6	95
29	Behavioral, Physiological, and Neural Signatures of Surprise during Naturalistic Sports Viewing. Neuron, 2021, 109, 377-390.e7.	8.1	92
30	The computational nature of memory modification. ELife, 2017, 6, .	6.0	92
31	Offline replay supports planning in human reinforcement learning. ELife, 2018, 7, .	6.0	91
32	Moderate Excitation Leads to Weakening of Perceptual Representations. Cerebral Cortex, 2010, 20, 2760-2770.	2.9	80
33	Does mental context drift or shift?. Current Opinion in Behavioral Sciences, 2017, 17, 141-146.	3.9	78
34	A Probability Distribution over Latent Causes, in the Orbitofrontal Cortex. Journal of Neuroscience, 2016, 36, 7817-7828.	3.6	77
35	Dissociable effects of surprising rewards on learning and memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2018, 44, 1430-1443.	0.9	77
36	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. ELife, 2016, 5, .	6.0	77

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37	Methods for reducing interference in the Complementary Learning Systems model: Oscillating inhibition and autonomous memory rehearsal. <i>Neural Networks</i> , 2005, 18, 1212-1228.	5.9	72
38	Competition between items in working memory leads to forgetting. <i>Nature Communications</i> , 2014, 5, 5768.	12.8	71
39	Statistical Computations Underlying the Dynamics of Memory Updating. <i>PLoS Computational Biology</i> , 2014, 10, e1003939.	3.2	70
40	Forgetting from lapses of sustained attention. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 605-611.	2.8	67
41	Neural Differentiation of Incorrectly Predicted Memories. <i>Journal of Neuroscience</i> , 2017, 37, 2022-2031.	3.6	64
42	Attentional bias in depression: understanding mechanisms to improve training and treatment. <i>Current Opinion in Psychology</i> , 2019, 29, 266-273.	4.9	62
43	Mapping between fMRI responses to movies and their natural language annotations. <i>NeuroImage</i> , 2018, 180, 223-231.	4.2	61
44	Sleep Benefits Memory for Semantic Category Structure While Preserving Exemplar-Specific Information. <i>Scientific Reports</i> , 2017, 7, 14869.	3.3	60
45	Reward prediction errors create event boundaries in memory. <i>Cognition</i> , 2020, 203, 104269.	2.2	55
46	Is Activity Silent Working Memory Simply Episodic Memory?. <i>Trends in Cognitive Sciences</i> , 2021, 25, 284-293.	7.8	50
47	The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. <i>Scientific Data</i> , 2021, 8, 250.	5.3	50
48	Targeted Memory Reactivation during Sleep Elicits Neural Signals Related to Learning Content. <i>Journal of Neuroscience</i> , 2019, 39, 6728-6736.	3.6	48
49	Neurocognitive therapeutics: from concept to application in the treatment of negative attention bias. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2015, 5, 1.	4.7	47
50	BrainIAK tutorials: User-friendly learning materials for advanced fMRI analysis. <i>PLoS Computational Biology</i> , 2020, 16, e1007549.	3.2	44
51	Neural alignment predicts learning outcomes in students taking an introduction to computer science course. <i>Nature Communications</i> , 2021, 12, 1922.	12.8	33
52	A neural signature of contextually mediated intentional forgetting. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1534-1542.	2.8	32
53	Relating the Past with the Present: Information Integration and Segregation during Ongoing Narrative Processing. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1106-1128.	2.3	32
54	Briefly Cuing Memories Leads to Suppression of Their Neural Representations. <i>Journal of Neuroscience</i> , 2014, 34, 8010-8020.	3.6	31

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55	Topographic Factor Analysis: A Bayesian Model for Inferring Brain Networks from Neural Data. PLoS ONE, 2014, 9, e94914.	2.5	31
56	A topographic latent source model for fMRI data. NeuroImage, 2011, 57, 89-100.	4.2	29
57	Multiple memories can be simultaneously reactivated during sleep as effectively as a single memory. Communications Biology, 2021, 4, 25.	4.4	29
58	Mechanisms supporting superior source memory for familiar items: A multi-voxel pattern analysis study. Neuropsychologia, 2012, 50, 3015-3026.	1.6	28
59	Leveraging shared connectivity to aggregate heterogeneous datasets into a common response space. NeuroImage, 2020, 217, 116865.	4.2	26
60	Differential effects of list strength on recollection and familiarity.. Journal of Experimental Psychology: Learning Memory and Cognition, 2002, 28, 1083-1094.	0.9	26
61	Neural evidence of the strategic choice between working memory and episodic memory in prospective remembering. Neuropsychologia, 2016, 93, 280-288.	1.6	24
62	Competitive learning modulates memory consolidation during sleep. Neurobiology of Learning and Memory, 2018, 155, 216-230.	1.9	23
63	Refresh my memory: Episodic memory reinstatements intrude on working memory maintenance. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 338-354.	2.0	23
64	Increasing stimulus similarity drives nonmonotonic representational change in hippocampus. ELife, 2022, 11, .	6.0	22
65	Event-related potential correlates of interference effects on recognition memory. Psychonomic Bulletin and Review, 2008, 15, 36-43.	2.8	21
66	Neurofeedback helps to reveal a relationship between context reinstatement and memory retrieval. NeuroImage, 2019, 200, 292-301.	4.2	21
67	Temporal integration of narrative information in a hippocampal amnesic patient. NeuroImage, 2020, 213, 116658.	4.2	21
68	Context-dependent memory effects in two immersive virtual reality environments: On Mars and underwater. Psychonomic Bulletin and Review, 2021, 28, 574-582.	2.8	21
69	Moment-by-moment tracking of naturalistic learning and its underlying hippocampo-cortical interactions. Nature Communications, 2021, 12, 5394.	12.8	20
70	Relating Visual Production and Recognition of Objects in Human Visual Cortex. Journal of Neuroscience, 2020, 40, 1710-1721.	3.6	18
71	BrainIAK: The Brain Imaging Analysis Kit. , 2022, 2021, .		18
72	A neural network model of when to retrieve and encode episodic memories. ELife, 2022, 11, .	6.0	18

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73	Schema representations in distinct brain networks support narrative memory during encoding and retrieval. <i>ELife</i> , 2022, 11, .	6.0	18
74	Lingering representations of stimuli influence recall organization. <i>Neuropsychologia</i> , 2017, 97, 72-82.	1.6	15
75	High-Order Areas and Auditory Cortex Both Represent the High-Level Event Structure of Music. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 699-714.	2.3	12
76	Decomposing spatiotemporal brain patterns into topographic latent sources. <i>NeuroImage</i> , 2014, 98, 91-102.	4.2	11
77	Neural Overlap in Item Representations Across Episodes Impairs Context Memory. <i>Cerebral Cortex</i> , 2019, 29, 2682-2693.	2.9	11
78	Inducing Neural Plasticity and Perceptual Similarity via Real-Time fMRI Neurofeedback. <i>Journal of Vision</i> , 2018, 18, 11.	0.3	10
79	Enabling factor analysis on thousand-subject neuroimaging datasets. , 2016, , .		9
80	Cloud-Based Functional Magnetic Resonance Imaging Neurofeedback to Reduce the Negative Attentional Bias in Depression: A Proof-of-Concept Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 490-497.	1.5	9
81	Reductions in Retrieval Competition Predict the Benefit of Repeated Testing. <i>Scientific Reports</i> , 2018, 8, 11714.	3.3	7
82	Neuroscience: Incepting Associations. <i>Current Biology</i> , 2016, 26, R673-R675.	3.9	6
83	Declarative Memory: Sleep Protects New Memories from Interference. <i>Current Biology</i> , 2006, 16, R596-R597.	3.9	5
84	Multiple-object Tracking as a Tool for Parametrically Modulating Memory Reactivation. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1339-1354.	2.3	3
85	Rational use of episodic and working memory: A normative account of prospective memory. <i>Neuropsychologia</i> , 2021, 158, 107657.	1.6	3
86	Studying episodic memory using real-time fMRI. , 2021, , 107-130.		2
87	RT-Cloud: A cloud-based software framework to simplify and standardize real-time fMRI. <i>NeuroImage</i> , 2022, 257, 119295.	4.2	2
88	Real-time neurofeedback to alter interpretations of a naturalistic narrative. <i>NeuroImage Reports</i> , 2022, 2, 100111.	1.0	2
89	Learning to perform role-filler binding with schematic knowledge. <i>PeerJ</i> , 2021, 9, e11046.	2.0	1
90	Brain kernel: A new spatial covariance function for fMRI data. <i>NeuroImage</i> , 2021, 245, 118580.	4.2	1

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91	Optimal policies for free recall.. Psychological Review, 2023, 130, 1104-1124.	3.8	1
92	Enhanced perceptual processing of visual context benefits later memory. Journal of Vision, 2017, 17, 95.	0.3	0
93	Synthesizing images with deep neural networks to manipulate representational similarity and induce representational change. Journal of Vision, 2019, 19, 202d.	0.3	0
94	Using Closed-Loop Real-Time fMRI Neurofeedback to Induce Neural Plasticity and Influence Perceptual Similarity. Journal of Vision, 2019, 19, 186c.	0.3	0
95	Synthesizing images from deep neural networks to map the hierarchy of feature complexity in human visual cortex. Journal of Vision, 2020, 20, 556.	0.3	0
96	BrainIAK tutorials: User-friendly learning materials for advanced fMRI analysis. , 2020, 16, e1007549.		0
97	BrainIAK tutorials: User-friendly learning materials for advanced fMRI analysis. , 2020, 16, e1007549.		0
98	BrainIAK tutorials: User-friendly learning materials for advanced fMRI analysis. , 2020, 16, e1007549.		0
99	BrainIAK tutorials: User-friendly learning materials for advanced fMRI analysis. , 2020, 16, e1007549.		0