Anna C Schapiro

List of Publications by Year
in descending order

29 papers	3,274 citations	471509 17 h-index	552781 26 g-index
48 all docs	48 docs citations	48 times ranked	2886 citing authors

#	Article	IF	Citations
1	BrainIAK: The Brain Imaging Analysis Kit. , 2022, 2021, .		18
2	Representations of Temporal Community Structure in Hippocampus and Precuneus Predict Inductive Reasoning Decisions. Journal of Cognitive Neuroscience, 2022, 34, 1736-1760.	2.3	10
3	Memory consolidation as an adaptive process. Psychonomic Bulletin and Review, 2021, 28, 1796-1810.	2.8	48
4	Tracking the relation between gist and item memory over the course of long-term memory consolidation. ELife, 2021, 10, .	6.0	22
5	Examining the effects of time of day and sleep on generalization. PLoS ONE, 2021, 16, e0255423.	2.5	7
6	Semantic Search as Pattern Completion across a Concept. Trends in Cognitive Sciences, 2020, 24, 95-98.	7.8	6
7	The roles of item exposure and visualization success in the consolidation of memories across wake and sleep. Learning and Memory, 2020, 27, 451-456.	1.3	26
8	Fossil Fuel Combustion Is Driving Indoor CO_2 Toward Levels Harmful to Human Cognition. GeoHealth, 2020, 4, e2019GH000237.	4.0	49
9	Facilitating open-science with realistic fMRI simulation: validation and application. PeerJ, 2020, 8, e8564.	2.0	16
10	A deep learning framework for neuroscience. Nature Neuroscience, 2019, 22, 1761-1770.	14.8	563
11	Active and effective replay: systems consolidation reconsidered again. Nature Reviews Neuroscience, 2019, 20, 506-507.	10.2	16
12	The hippocampus is necessary for the consolidation of a task that does not require the hippocampus for initial learning. Hippocampus, 2019, 29, 1091-1100.	1.9	50
13	Variability and stability of large-scale cortical oscillation patterns. Network Neuroscience, 2018, 2, 481-512.	2.6	21
14	Sleep selectively stabilizes contextual aspects of negative memories. Scientific Reports, 2018, 8, 17861.	3.3	13
15	Human hippocampal replay during rest prioritizes weakly learned information and predicts memory performance. Nature Communications, 2018, 9, 3920.	12.8	167
16	Switching between internal and external modes: A multiscale learning principle. Network Neuroscience, 2017, 1, 339-356.	2.6	82
17	Sleep Benefits Memory for Semantic Category Structure While Preserving Exemplar-Specific Information. Scientific Reports, 2017, 7, 14869.	3.3	60
18	Hippocampal Structure Predicts Statistical Learning and Associative Inference Abilities during Development. Journal of Cognitive Neuroscience, 2017, 29, 37-51.	2.3	113

#	Article	IF	Citations
19	Complementary learning systems within the hippocampus: a neural network modelling approach to reconciling episodic memory with statistical learning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160049.	4.0	305
20	Individual Differences in Frequency and Topography of Slow and Fast Sleep Spindles. Frontiers in Human Neuroscience, 2017, 11, 433.	2.0	174
21	Statistical learning of temporal community structure in the hippocampus. Hippocampus, 2016, 26, 3-8.	1.9	220
22	The Necessity of the Medial Temporal Lobe for Statistical Learning. Journal of Cognitive Neuroscience, 2014, 26, 1736-1747.	2.3	264
23	Why Bilateral Damage Is Worse than Unilateral Damage to the Brain. Journal of Cognitive Neuroscience, 2013, 25, 2107-2123.	2.3	84
24	Neural representations of events arise from temporal community structure. Nature Neuroscience, 2013, 16, 486-492.	14.8	398
25	Neural Context Reinstatement Predicts Memory Misattribution. Journal of Neuroscience, 2013, 33, 8590-8595.	3.6	81
26	Divide and Conquer: Hierarchical Reinforcement Learning and Task Decomposition in Humans. , 2013, , 271-291.		13
27	Shaping of Object Representations in the Human Medial Temporal Lobe Based on Temporal Regularities. Current Biology, 2012, 22, 1622-1627.	3.9	381
28	A connectionist model of a continuous developmental transition in the balance scale task. Cognition, 2009, 110, 395-411.	2.2	18
29	Dynamic and Connectionist Approaches to Development: Toward a Future of Mutually Beneficial Coevolution. , 2009, , 337-353.		1