

# Anna C Schapiro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1478553/publications.pdf>

Version: 2024-02-01

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	A deep learning framework for neuroscience. <i>Nature Neuroscience</i> , 2019, 22, 1761-1770.	14.8	563
2	Neural representations of events arise from temporal community structure. <i>Nature Neuroscience</i> , 2013, 16, 486-492.	14.8	398
3	Shaping of Object Representations in the Human Medial Temporal Lobe Based on Temporal Regularities. <i>Current Biology</i> , 2012, 22, 1622-1627.	3.9	381
4	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
5	The Necessity of the Medial Temporal Lobe for Statistical Learning. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1736-1747.	2.3	264
6	Statistical learning of temporal community structure in the hippocampus. <i>Hippocampus</i> , 2016, 26, 3-8.	1.9	220
7	Individual Differences in Frequency and Topography of Slow and Fast Sleep Spindles. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 433.	2.0	174
8	Human hippocampal replay during rest prioritizes weakly learned information and predicts memory performance. <i>Nature Communications</i> , 2018, 9, 3920.	12.8	167
9	Hippocampal Structure Predicts Statistical Learning and Associative Inference Abilities during Development. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 37-51.	2.3	113
10	Why Bilateral Damage Is Worse than Unilateral Damage to the Brain. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2107-2123.	2.3	84
11	Switching between internal and external modes: A multiscale learning principle. <i>Network Neuroscience</i> , 2017, 1, 339-356.	2.6	82
12	Neural Context Reinstatement Predicts Memory Misattribution. <i>Journal of Neuroscience</i> , 2013, 33, 8590-8595.	3.6	81
13	Sleep Benefits Memory for Semantic Category Structure While Preserving Exemplar-Specific Information. <i>Scientific Reports</i> , 2017, 7, 14869.	3.3	60
14	The hippocampus is necessary for the consolidation of a task that does not require the hippocampus for initial learning. <i>Hippocampus</i> , 2019, 29, 1091-1100.	1.9	50
15	Fossil Fuel Combustion Is Driving Indoor CO <sub>2</sub> Toward Levels Harmful to Human Cognition. <i>GeoHealth</i> , 2020, 4, e2019GH000237.	4.0	49
16	Memory consolidation as an adaptive process. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1796-1810.	2.8	48
17	The roles of item exposure and visualization success in the consolidation of memories across wake and sleep. <i>Learning and Memory</i> , 2020, 27, 451-456.	1.3	26
18	Tracking the relation between gist and item memory over the course of long-term memory consolidation. <i>ELife</i> , 2021, 10, .	6.0	22

#	ARTICLE	IF	CITATIONS
19	Variability and stability of large-scale cortical oscillation patterns. <i>Network Neuroscience</i> , 2018, 2, 481-512.	2.6	21
20	A connectionist model of a continuous developmental transition in the balance scale task. <i>Cognition</i> , 2009, 110, 395-411.	2.2	18
21	BrainIAK: The Brain Imaging Analysis Kit. , 2022, 2021, .		18
22	Active and effective replay: systems consolidation reconsidered again. <i>Nature Reviews Neuroscience</i> , 2019, 20, 506-507.	10.2	16
23	Facilitating open-science with realistic fMRI simulation: validation and application. <i>PeerJ</i> , 2020, 8, e8564.	2.0	16
24	Sleep selectively stabilizes contextual aspects of negative memories. <i>Scientific Reports</i> , 2018, 8, 17861.	3.3	13
25	Divide and Conquer: Hierarchical Reinforcement Learning and Task Decomposition in Humans. , 2013, , 271-291.		13
26	Representations of Temporal Community Structure in Hippocampus and Precuneus Predict Inductive Reasoning Decisions. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1736-1760.	2.3	10
27	Examining the effects of time of day and sleep on generalization. <i>PLoS ONE</i> , 2021, 16, e0255423.	2.5	7
28	Semantic Search as Pattern Completion across a Concept. <i>Trends in Cognitive Sciences</i> , 2020, 24, 95-98.	7.8	6
29	Dynamic and Connectionist Approaches to Development: Toward a Future of Mutually Beneficial Coevolution. , 2009, , 337-353.		1