Daphna Shohamy

List of Publications by Year
in descending order

86 papers	9,246 citations	50276 46 h-index	58581 82 g-index
98 all docs	98 docs citations	98 times ranked	7982 citing authors

#	Article	IF	Citations
1	Interactive memory systems in the human brain. Nature, 2001, 414, 546-550.	27.8	1,024
2	Ventromedial prefrontal-subcortical systems and the generation of affective meaning. Trends in Cognitive Sciences, 2012, 16, 147-156.	7.8	705
3	Dopamine and adaptive memory. Trends in Cognitive Sciences, 2010, 14, 464-472.	7.8	551
4	Integrating Memories in the Human Brain: Hippocampal-Midbrain Encoding of Overlapping Events. Neuron, 2008, 60, 378-389.	8.1	427
5	Preference by Association: How Memory Mechanisms in the Hippocampus Bias Decisions. Science, 2012, 338, 270-273.	12.6	416
6	Cortico-striatal contributions to feedback-based learning: converging data from neuroimaging and neuropsychology. Brain, 2004, 127, 851-859.	7.6	308
7	Decision Making and Sequential Sampling from Memory. Neuron, 2016, 90, 927-939.	8.1	286
8	Human Midbrain Sensitivity to Cognitive Feedback and Uncertainty During Classification Learning. Journal of Neurophysiology, 2004, 92, 1144-1152.	1.8	248
9	Model-based choices involve prospective neural activity. Nature Neuroscience, 2015, 18, 767-772.	14.8	225
10	How do People Solve the â€œWeather Predictionâ€•Task?: Individual Variability in Strategies for Probabilistic Category Learning. Learning and Memory, 2002, 9, 408-418.	1.3	213
11	Representation of aversive prediction errors in the human periaqueductal gray. Nature Neuroscience, 2014, 17, 1607-1612.	14.8	208
12	Basal ganglia and dopamine contributions to probabilistic category learning. Neuroscience and Biobehavioral Reviews, 2008, 32, 219-236.	6.1	192
13	Dissociating Hippocampal versus Basal Ganglia Contributions to Learning and Transfer. Journal of Cognitive Neuroscience, 2003, 15, 185-193.	2.3	184
14	An Upside to Reward Sensitivity: The Hippocampus Supports Enhanced Reinforcement Learning in Adolescence. Neuron, 2016, 92, 93-99.	8.1	181
15	Mechanisms for widespread hippocampal involvement in cognition.. Journal of Experimental Psychology: General, 2013, 142, 1159-1170.	2.1	160
16	Role of the Basal Ganglia in Category Learning: How Do Patients With Parkinson's Disease Learn?. Behavioral Neuroscience, 2004, 118, 676-686.	1.2	158
17	Neural mechanisms supporting maladaptive food choices in anorexia nervosa. Nature Neuroscience, 2015, 18, 1571-1573.	14.8	158
18	Reminders of past choices bias decisions for reward in humans. Nature Communications, 2017, 8, 15958.	12.8	155

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19	Feedback Timing Modulates Brain Systems for Learning in Humans. Journal of Neuroscience, 2011, 31, 13157-13167.	3.6	151
20	Curiosity and reward: Valence predicts choice and information prediction errors enhance learning.. Journal of Experimental Psychology: General, 2016, 145, 266-272.	2.1	146
21	The role of the basal ganglia in learning and memory: Insight from Parkinsonâ€™s disease. Neurobiology of Learning and Memory, 2011, 96, 624-636.	1.9	144
22	l-dopa impairs learning, but spares generalization, in Parkinson's disease. Neuropsychologia, 2006, 44, 774-784.	1.6	135
23	Hippocampal Contributions to Model-Based Planning and Spatial Memory. Neuron, 2019, 102, 683-693.e4.	8.1	119
24	Intrinsic connectivity between the hippocampus, nucleus accumbens, and ventral tegmental area in humans. Hippocampus, 2013, 23, 187-192.	1.9	115
25	Dopamine selectively remediates â€˜model-basedâ€™ reward learning: a computational approach. Brain, 2016, 139, 355-364.	7.6	111
26	Episodic Memory Encoding Interferes with Reward Learning and Decreases Striatal Prediction Errors. Journal of Neuroscience, 2014, 34, 14901-14912.	3.6	109
27	Generalization of value in reinforcement learning by humans. European Journal of Neuroscience, 2012, 35, 1092-1104.	2.6	100
28	The role of dopamine in cognitive sequence learning: evidence from Parkinsonâ€™s disease. Behavioural Brain Research, 2005, 156, 191-199.	2.2	99
29	Integrating memories to guide decisions. Current Opinion in Behavioral Sciences, 2015, 5, 85-90.	3.9	97
30	Mechanisms of Working Memory Impairment in Schizophrenia. Biological Psychiatry, 2016, 80, 617-626.	1.3	96
31	Impaired probabilistic category learning in hypoxic subjects with hippocampal damage. Neuropsychologia, 2004, 42, 524-535.	1.6	94
32	Sleep enhances category learning. Learning and Memory, 2009, 16, 751-755.	1.3	91
33	A Role for the Medial Temporal Lobe in Feedback-Driven Learning: Evidence from Amnesia. Journal of Neuroscience, 2013, 33, 5698-5704.	3.6	90
34	Cooperation between the Hippocampus and the Striatum during Episodic Encoding. Journal of Cognitive Neuroscience, 2011, 23, 1597-1608.	2.3	85
35	Dynamic Flexibility in Striatal-Cortical Circuits Supports Reinforcement Learning. Journal of Neuroscience, 2018, 38, 2442-2453.	3.6	82
36	The hippocampus supports deliberation during value-based decisions. ELife, 2019, 8, .	6.0	82

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37	The Cognitive Neuroscience of Motivation and Learning. Social Cognition, 2008, 26, 593-620.	0.9	79
38	Multiple memory systems as substrates for multiple decision systems. Neurobiology of Learning and Memory, 2015, 117, 4-13.	1.9	78
39	Transfer of Learning Relates to Intrinsic Connectivity between Hippocampus, Ventromedial Prefrontal Cortex, and Large-Scale Networks. Journal of Neuroscience, 2014, 34, 11297-11303.	3.6	73
40	Learning and motivation in the human striatum. Current Opinion in Neurobiology, 2011, 21, 408-414.	4.2	69
41	Dissociating entorhinal and hippocampal involvement in latent inhibition.. Behavioral Neuroscience, 2000, 114, 867-874.	1.2	67
42	What Are Memories For? The Hippocampus Bridges Past Experience with Future Decisions. Trends in Cognitive Sciences, 2020, 24, 542-556.	7.8	67
43	Distinct Hippocampal and Basal Ganglia Contributions to Probabilistic Learning and Reversal. Journal of Cognitive Neuroscience, 2009, 21, 1820-1832.	2.3	61
44	Mind matters: placebo enhances reward learning in Parkinson's disease. Nature Neuroscience, 2014, 17, 1793-1797.	14.8	61
45	Strategies in probabilistic categorization: Results from a new way of analyzing performance. Learning and Memory, 2006, 13, 230-239.	1.3	58
46	Memory states influence value-based decisions.. Journal of Experimental Psychology: General, 2016, 145, 1420-1426.	2.1	57
47	Restrictive food intake as a choiceâ€"A paradigm for study. International Journal of Eating Disorders, 2015, 48, 59-66.	4.0	56
48	Retroactive and graded prioritization of memory by reward. Nature Communications, 2018, 9, 4886.	12.8	56
49	More Than the Sum of Its Parts: A Role for the Hippocampus in Configural Reinforcement Learning. Neuron, 2018, 98, 645-657.e6.	8.1	49
50	Hippocampal function, declarative memory, and schizophrenia: Anatomic and functional neuroimaging considerations. Current Neurology and Neuroscience Reports, 2005, 5, 249-256.	4.2	42
51	Dynamic shifts in brain network activation during supracapacity working memory task performance. Human Brain Mapping, 2015, 36, 1245-1264.	3.6	40
52	Motivational Context Modulates Prediction Error Response in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 1467-1475.	4.3	37
53	Social Cognition as Reinforcement Learning: Feedback Modulates Emotion Inference. Journal of Cognitive Neuroscience, 2016, 28, 1270-1282.	2.3	37
54	Dissociating medial temporal and basal ganglia memory systems with a latent learning task. Neuropsychologia, 2003, 41, 1919-1928.	1.6	36

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55	A Trade-Off between Feedback-Based Learning and Episodic Memory for Feedback Events: Evidence from Parkinsonâ€™s Disease. Neurodegenerative Diseases, 2013, 11, 93-101.	1.4	35
56	Cognitive sequence learning in Parkinson's disease and amnestic mild cognitive impairment: Dissociation between sequential and non-sequential learning of associations. Neuropsychologia, 2007, 45, 1386-1392.	1.6	33
57	Learning and Generalization in Schizophrenia: Effects of Disease and Antipsychotic Drug Treatment. Biological Psychiatry, 2010, 67, 926-932.	1.3	30
58	Restrictive eating across a spectrum from healthy to unhealthy: behavioral and neural mechanisms. Psychological Medicine, 2022, 52, 1755-1764.	4.5	27
59	Dopamine Modulation of Intertemporal Decision-making: Evidence from Parkinson Disease. Journal of Cognitive Neuroscience, 2016, 28, 657-667.	2.3	25
60	Deficient Goal-Directed Control in a Population Characterized by Extreme Goal Pursuit. Journal of Cognitive Neuroscience, 2021, 33, 463-481.	2.3	25
61	Stimulusâ€“response learning in long-term cocaine users: Acquired equivalence and probabilistic category learning. Drug and Alcohol Dependence, 2008, 93, 155-162.	3.2	22
62	Cognitive Computational Neuroscience: A New Conference for an Emerging Discipline. Trends in Cognitive Sciences, 2018, 22, 365-367.	7.8	22
63	Assessment of test-retest reliability of a food choice task among healthy individuals. Appetite, 2018, 123, 352-356.	3.7	22
64	Curiosity as the impulse to know: common behavioral and neural mechanisms underlying curiosity and impulsivity. Current Opinion in Behavioral Sciences, 2020, 35, 92-98.	3.9	22
65	Patients with schizophrenia are impaired when learning in the context of pursuing rewards. Schizophrenia Research, 2014, 152, 309-310.	2.0	21
66	Modulating the Use of Multiple Memory Systems in Value-based Decisions with Contextual Novelty. Journal of Cognitive Neuroscience, 2019, 31, 1455-1467.	2.3	18
67	Memory and decision making interact to shape the value of unchosen options. Nature Communications, 2021, 12, 4648.	12.8	18
68	Impaired generalization of reward but not loss in obsessive-compulsive disorder. Depression and Anxiety, 2019, 36, 121-129.	4.1	17
69	Memory generalization is selectively altered in the psychosis dimension. Schizophrenia Research, 2012, 138, 74-80.	2.0	12
70	A comparison of foodâ€based decisionâ€making between restricting and bingeâ€eating/purging subtypes of anorexia nervosa. International Journal of Eating Disorders, 2020, 53, 1751-1756.	4.0	11
71	Dopamine and the cost of aging. Nature Neuroscience, 2013, 16, 519-521.	14.8	10
72	An objective evaluation of the beholderâ€™s response to abstract and figurative art based on construal level theory. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19809-19815.	7.1	10

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73	Dopamine is associated with prioritization of reward-associated memories in Parkinsonâ€™s disease. Brain, 2020, 143, 2519-2531.	7.6	10
74	Changes in brain and behavior during food-based decision-making following treatment of anorexia nervosa. Journal of Eating Disorders, 2021, 9, 48.	2.7	10
75	An energizing role for motivation in information-seeking during the early phase of the COVID-19 pandemic. Nature Communications, 2022, 13, 2310.	12.8	9
76	Motivational modes and learning in Parkinsonâ€™s disease. Social Cognitive and Affective Neuroscience, 2015, 10, 1066-1073.	3.0	8
77	The striatum and beyond: contributions of the hippocampus to decision making. , 2011, , 281-310.		7
78	Preserved motor memory in Parkinson's disease. Neuropsychologia, 2022, 167, 108161.	1.6	7
79	Memory for individual items is related to nonreinforced preference change. Learning and Memory, 2021, 28, 348-360.	1.3	6
80	Neural circuits can bridge systems and cognitive neuroscience. Frontiers in Human Neuroscience, 2010, 3, 81.	2.0	5
81	Neural Representations of Food-Related Attributes in the Human Orbitofrontal Cortex during Choice Deliberation in Anorexia Nervosa. Journal of Neuroscience, 2022, 42, 109-120.	3.6	5
82	Integrative Encoding. American Journal of Psychiatry, 2009, 166, 284-284.	7.2	2
83	Thanks for the Memories Ã¢â,¬Â¦. Frontiers for Young Minds, 2014, 2, .	0.8	2
84	Reevaluating revaluation: evidence for value construction during decision making. , 2018, , .		0
85	Time Travel in the Brain. Frontiers for Young Minds, 0, 7, .	0.8	0
86	Effects of perceptual and categorical novelty on construal level. Journal of Vision, 2020, 20, 1700.	0.3	0