Mariam Aly

List of Publications by Year
in descending order

29 papers	1,421 citations	471509 17 h-index	552781 26 g-index
47 all docs	47 docs citations	47 times ranked	1490 citing authors

#	Article	IF	Citations
1	Ageâ€related change in taskâ€evoked amygdalaâ€"prefrontal circuitry: A multiverse approach with an accelerated longitudinal cohort aged 4â€"22â€‰years. Human Brain Mapping, 2022, 43, 3221-3244.	3.6	18
2	Cholinergic modulation of hippocampally mediated attention and perception.. Behavioral Neuroscience, 2021, 135, 51-70.	1.2	6
3	Anticipation of temporally structured events in the brain. ELife, 2021, 10, .	6.0	36
4	Dynamic internal states shape memory retrieval. Neuropsychologia, 2020, 138, 107328.	1.6	36
5	Brain Dynamics Underlying Memory for Lifetime Experiences. Trends in Cognitive Sciences, 2020, 24, 780-781.	7.8	2
6	The Medial Temporal Lobe Is Critical for Spatial Relational Perception. Journal of Cognitive Neuroscience, 2020, 32, 1780-1795.	2.3	17
7	Interpretable multimodal deep learning for real-time pan-tissue pan-disease pathology search on social media. Modern Pathology, 2020, 33, 2169-2185.	5.5	36
8	Preparation for upcoming attentional states in the hippocampus and medial prefrontal cortex. ELife, 2020, 9, .	6.0	28
9	Focusing on what matters: Modulation of the human hippocampus by relational attention. Hippocampus, 2019, 29, 1025-1037.	1.9	21
10	Flexible weighting of diverse inputs makes hippocampal function malleable. Neuroscience Letters, 2018, 680, 13-22.	2.1	29
11	The key to a happy lab life is in the manual. Nature, 2018, 561, 7-7.	27.8	5
12	New perspectives on the hippocampus and memory. Neuroscience Letters, 2018, 680, 1-3.	2.1	5
13	In sight, in mind. ELife, 2018, 7, .	6.0	0
14	Learning Naturalistic Temporal Structure in the Posterior Medial Network. Journal of Cognitive Neuroscience, 2018, 30, 1345-1365.	2.3	51
15	How Hippocampal Memory Shapes, and Is Shaped by, Attention. , 2017, , 369-403.		47
16	The hippocampus is particularly important for building associations across stimulus domains. Neuropsychologia, 2017, 99, 335-342.	1.6	18
17	Attention Stabilizes Representations in the Human Hippocampus. Cerebral Cortex, 2016, 26, bhv041.	2.9	102
18	Attention promotes episodic encoding by stabilizing hippocampal representations. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E420-9.	7.1	145

#	Article	IF	Citations
19	Hippocampal representations of attentional state predict the formation of visual memories. Journal of Vision, 2015, 15, 1117.	0.3	0
20	Neural Correlates of State- and Strength-based Perception. Journal of Cognitive Neuroscience, 2014, 26, 792-809.	2.3	11
21	Neurocomputational account of memory and perception: Thresholded and graded signals in the hippocampus. Hippocampus, 2014, 24, 1672-1686.	1.9	27
22	Cortical and subcortical contributions to state- and strength-based perceptual judgments. Neuropsychologia, 2014, 64, 145-156.	1.6	3
23	Detecting Changes in Scenes: The Hippocampus Is Critical for Strength-Based Perception. Neuron, 2013, 78, 1127-1137.	8.1	111
24	Examining the causes of memory strength variability: Recollection, attention failure, or encoding variability?. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1726-1741.	0.9	19
25	Bridging Consciousness and Cognition in Memory and Perception: Evidence for Both State and Strength Processes. PLoS ONE, 2012, 7, e30231.	2.5	46
26	Damage to the lateral prefrontal cortex impairs familiarity but not recollection. Behavioural Brain Research, 2011, 225, 297-304.	2.2	37
27	Faces are special but not too special: Spared face recognition in amnesia is based on familiarity. Neuropsychologia, 2010, 48, 3941-3948.	1.6	32
28	The effects of sleep on episodic memory in older and younger adults. Memory, 2010, 18, 327-334.	1.7	97
29	Recollection and familiarity: Examining controversial assumptions and new directions. Hippocampus, 2010, 20, 1178-1194.	1.9	406