Lucas De Oliveira Alvares

List of Publications by Year
in descending order

44	1,678	304743 22	289244 40
papers	citations	h-index	g-index

50	50	50	1487
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellular and systems mechanisms of memory strength as a constraint on auditory fear reconsolidation. Nature Neuroscience, 2009, 12, 905-912.	14.8	271
2	Opposite action of hippocampal CB1 receptors in memory reconsolidation and extinction. Neuroscience, 2008, 154, 1648-1655.	2.3	125
3	Amnestic effect of intrahippocampal AM251, a CB1-selective blocker, in the inhibitory avoidance, but not in the open field habituation task, in rats. Neurobiology of Learning and Memory, 2005, 83, 119-124.	1.9	95
4	Reactivation enables memory updating, precision-keeping and strengthening: Exploring the possible biological roles of reconsolidation. Neuroscience, 2013, 244, 42-48.	2.3	95
5	Differential role of the hippocampal endocannabinoid system in the memory consolidation and retrieval mechanisms. Neurobiology of Learning and Memory, 2008, 90, 1-9.	1.9	87
6	Reconsolidation Allows Fear Memory to Be Updated to a Less Aversive Level through the Incorporation of Appetitive Information. Neuropsychopharmacology, 2015, 40, 315-326.	5.4	83
7	AM251, a selective antagonist of the CB1 receptor, inhibits the induction of long-term potentiation and induces retrograde amnesia in rats. Brain Research, 2006, 1075, 60-67.	2.2	74
8	Long-Lasting Effects of Maternal Separation on an Animal Model of Post-Traumatic Stress Disorder: Effects on Memory and Hippocampal Oxidative Stress. Neurochemical Research, 2012, 37, 700-707.	3.3	63
9	Forgetting of long-term memory requires activation of NMDA receptors, L-type voltage-dependent Ca2+ channels, and calcineurin. Scientific Reports, 2016, 6, 22771.	3.3	61
10	Periodically reactivated context memory retains its precision and dependence on the hippocampus. Hippocampus, 2012, 22, 1092-1095.	1.9	54
11	Stress response recruits the hippocampal endocannabinoid system for the modulation of fear memory. Learning and Memory, 2010, 17, 202-209.	1.3	50
12	The dynamic nature of systems consolidation: Stress during learning as a switch guiding the rate of the hippocampal dependency and memory quality. Hippocampus, 2016, 26, 362-371.	1.9	45
13	Forgetting of what was once learned: Exploring the role of postsynaptic ionotropic glutamate receptors on memory formation, maintenance, and decay. Neuropharmacology, 2017, 112, 94-103.	4.1	41
14	Reconsolidation may incorporate state-dependency into previously consolidated memories. Learning and Memory, 2013, 20, 379-387.	1.3	37
15	Reconsolidationâ€induced rescue of a remote fear memory blocked by an early cortical inhibition: Involvement of the anterior cingulate cortex and the mediation by the thalamic nucleus reuniens. Hippocampus, 2017, 27, 596-607.	1.9	34
16	Chronic fluoxetine prevents fear memory generalization and enhances subsequent extinction by remodeling hippocampal dendritic spines and slowing down systems consolidation. Translational Psychiatry, 2019, 9, 53.	4.8	32
17	Memory reconsolidation may be disrupted by a distractor stimulus presented during reactivation. Scientific Reports, 2015, 5, 13633.	3.3	31
18	Role of TRPV1 in consolidation of fear memories depends on the averseness of the conditioning procedure. Neurobiology of Learning and Memory, 2012, 97, 355-360.	1.9	29

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19	M₄ muscarinic receptors are involved in modulation of neurotransmission at synapses of Schaffer collaterals on CA1 hippocampal neurons in rats. Journal of Neuroscience Research, 2009, 87, 691-700.	2.9	27
20	Memory reconsolidation allows the consolidation of a concomitant weak learning through a synaptic tagging and capture mechanism. Hippocampus, 2013, 23, 931-941.	1.9	26
21	HSP70 Facilitates Memory Consolidation of Fear Conditioning through MAPK Pathway in the Hippocampus. Neuroscience, 2018, 375, 108-118.	2.3	25
22	Shifting from fear to safety through deconditioning-update. ELife, 2020, 9, .	6.0	25
23	The cannabinoid system in the retrosplenial cortex modulates fear memory consolidation, reconsolidation, and extinction. Learning and Memory, 2015, 22, 584-588.	1.3	24
24	Involvement of the infralimbic cortex and CA1 hippocampal area in reconsolidation of a contextual fear memory through CB1 receptors: Effects of CP55,940. Neurobiology of Learning and Memory, 2016, 127, 42-47.	1.9	22
25	Role of calcium-permeable AMPA receptors in memory consolidation, retrieval and updating. Neuropharmacology, 2019, 144, 312-318.	4.1	21
26	Understanding the dynamic and destiny of memories. Neuroscience and Biobehavioral Reviews, 2021, 125, 592-607.	6.1	21
27	Effects of Hippocampal LIMK Inhibition on Memory Acquisition, Consolidation, Retrieval, Reconsolidation, and Extinction. Molecular Neurobiology, 2018, 55, 958-967.	4.0	19
28	Novel learning accelerates systems consolidation of a contextual fear memory. Hippocampus, 2016, 26, 924-932.	1.9	17
29	Enhancement of extinction memory by pharmacological and behavioral interventions targeted to its reactivation. Scientific Reports, 2017, 7, 10960.	3.3	17
30	Reduced Expression of Hippocampal GluN2A-NMDAR Increases Seizure Susceptibility and Causes Deficits in Contextual Memory. Frontiers in Neuroscience, 2021, 15, 644100.	2.8	17
31	Facilitatory effect of the intra-hippocampal pre-test administration of MT3 in the inhibitory avoidance task. Behavioural Brain Research, 2007, 177, 227-231.	2.2	15
32	Calpain modulates fear memory consolidation, retrieval and reconsolidation in the hippocampus. Neurobiology of Learning and Memory, 2018, 151, 53-58.	1.9	13
33	Sequential learning during contextual fear conditioning guides the rate of systems consolidation: Implications for consolidation of multiple memory traces. Hippocampus, 2017, 27, 518-528.	1.9	11
34	Periodical reactivation under the effect of caffeine attenuates fear memory expression in rats. Scientific Reports, 2018, 8, 7260.	3.3	11
35	Synaptic consolidation as a temporally variable process: Uncovering the parameters modulating its time-course. Neurobiology of Learning and Memory, 2018, 150, 42-47.	1.9	10
36	Rewarding information presented during reactivation attenuates fear memory: Methylphenidate and fear memory updating. Neuropharmacology, 2020, 171, 108107.	4.1	10

#	Article	IF	Citations
37	Hippocampal plasticity mechanisms mediating experience-dependent learning change over time. Neurobiology of Learning and Memory, 2018, 150, 56-63.	1.9	8
38	Effect of the Endocannabinoid System in Memory Updating and Forgetting. Neuroscience, 2020, 444, 33-42.	2.3	8
39	LIMK, Cofilin 1 and actin dynamics involvement in fear memory processing. Neurobiology of Learning and Memory, 2020, 173, 107275.	1.9	7
40	Hippocampal HECT E3 ligase inhibition facilitates consolidation, retrieval, and reconsolidation, and inhibits extinction of contextual fear memory. Neurobiology of Learning and Memory, 2020, 167, 107135.	1.9	4
41	Pre-exposure and retrieval effects on generalization of contextual fear. Learning and Motivation, 2018, 63, 20-26.	1.2	3
42	Role of HSP70 in Plasticity and Memory. Heat Shock Proteins, 2019, , 53-67.	0.2	2
43	Systems consolidation and fear memory generalisation as a potential target for trauma-related disorders. World Journal of Biological Psychiatry, 2022, 23, 653-665.	2.6	2
44	Effects of hippocampal IP3R inhibition on contextual fear memory consolidation, retrieval, reconsolidation and extinction. Neurobiology of Learning and Memory, 2022, 188, 107587.	1.9	2