

Jorge Alberto Quillfeldt

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,185
citations

201674

27
h-index

243625

44
g-index

69
all docs

69
docs citations

69
times ranked

2115
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite action of hippocampal CB1 receptors in memory reconsolidation and extinction. <i>Neuroscience</i> , 2008, 154, 1648-1655.	2.3	125
2	Memory enhancement by intrahippocampal, intraamygdala, or intraentorhinal infusion of platelet-activating factor measured in an inhibitory avoidance task.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5047-5051.	7.1	109
3	Amnesic effect of intrahippocampal AM251, a CB1-selective blocker, in the inhibitory avoidance, but not in the open field habituation task, in rats. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 119-124.	1.9	95
4	Reactivation enables memory updating, precision-keeping and strengthening: Exploring the possible biological roles of reconsolidation. <i>Neuroscience</i> , 2013, 244, 42-48.	2.3	95
5	Differential role of the hippocampal endocannabinoid system in the memory consolidation and retrieval mechanisms. <i>Neurobiology of Learning and Memory</i> , 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. <i>Neuropsychopharmacology</i> , 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. <i>Brain Research</i> , 2006, 1075, 60-67.	2.2	74
8	Long lasting sex-specific effects upon behavior and S100b levels after maternal separation and exposure to a model of post-traumatic stress disorder in rats. <i>Brain Research</i> , 2007, 1144, 107-116.	2.2	73
9	What can toxins tell us for drug discovery?. <i>Toxicon</i> , 1998, 36, 1635-1640.	1.6	68
10	Post-training intrahippocampal infusion of protein kinase C inhibitors causes amnesia in rats. <i>Behavioral and Neural Biology</i> , 1994, 61, 107-109.	2.2	67
11	Long-Lasting Effects of Maternal Separation on an Animal Model of Post-Traumatic Stress Disorder: Effects on Memory and Hippocampal Oxidative Stress. <i>Neurochemical Research</i> , 2012, 37, 700-707.	3.3	63
12	Forgetting of long-term memory requires activation of NMDA receptors, L-type voltage-dependent Ca2+ channels, and calcineurin. <i>Scientific Reports</i> , 2016, 6, 22771.	3.3	61
13	L-Type Voltage-Dependent Calcium Channel Blocker Nifedipine Enhances Memory Retention When Infused into the Hippocampus. <i>Neurobiology of Learning and Memory</i> , 1998, 69, 320-325.	1.9	54
14	Periodically reactivated context memory retains its precision and dependence on the hippocampus. <i>Hippocampus</i> , 2012, 22, 1092-1095.	1.9	54
15	Muscarinic toxins: novel pharmacological tools for the muscarinic cholinergic system. <i>Toxicon</i> , 2000, 38, 747-761.	1.6	50
16	Stress response recruits the hippocampal endocannabinoid system for the modulation of fear memory. <i>Learning and Memory</i> , 2010, 17, 202-209.	1.3	50
17	The dynamic nature of systems consolidation: Stress during learning as a switch guiding the rate of the hippocampal dependency and memory quality. <i>Hippocampus</i> , 2016, 26, 362-371.	1.9	45
18	Role of hippocampal M1 and M4 muscarinic receptor subtypes in memory consolidation in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 411-415.	2.9	44

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19	Early life experience alters behavioral responses to sweet food and accumbal dopamine metabolism. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 111-118.	1.6	42
20	Effects of early-life LiClâ€Pilocarpineâ€induced status epilepticus on memory and anxiety in adult rats are associated with mossy fiber sprouting and elevated CSF S100B protein. <i>Epilepsia</i> , 2008, 49, 842-852.	5.1	41
21	Different Brain Areas Are Involved in Memory Expression at Different Times from Training. <i>Neurobiology of Learning and Memory</i> , 1996, 66, 97-101.	1.9	39
22	Reconsolidation may incorporate state-dependency into previously consolidated memories. <i>Learning and Memory</i> , 2013, 20, 379-387.	1.3	37
23	Involvement of mechanisms dependent on NMDA receptors, nitric oxide and protein kinase A in the hippocampus but not in the caudate nucleus in memory. <i>Behavioural Pharmacology</i> , 1997, 8, 713-717.	1.7	36
24	Effect of the infusion of the GABA-A receptor agonist, muscimol, on the role of the entorhinal cortex, amygdala, and hippocampus in memory processes. <i>Behavioral and Neural Biology</i> , 1994, 61, 132-138.	2.2	35
25	S100B infusion into the rat hippocampus facilitates memory for the inhibitory avoidance task but not for the open-field habituation. <i>Physiology and Behavior</i> , 2000, 71, 29-33.	2.1	35
26	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. <i>Hippocampus</i> , 2017, 27, 596-607.	1.9	34
27	Memory reconsolidation may be disrupted by a distractor stimulus presented during reactivation. <i>Scientific Reports</i> , 2015, 5, 13633.	3.3	31
28	Role of TRPV1 in consolidation of fear memories depends on the averseness of the conditioning procedure. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 355-360.	1.9	29
29	CNQX infused into entorhinal cortex blocks memory expression, and AMPA reverses the effect. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 48, 437-440.	2.9	28
30	Glucocorticoid-mediated effects of systemic oxytocin upon memory retrieval. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 67-71.	1.9	28
31	M ₄ muscarinic receptors are involved in modulation of neurotransmission at synapses of Schaffer collaterals on CA1 hippocampal neurons in rats. <i>Journal of Neuroscience Research</i> , 2009, 87, 691-700.	2.9	27
32	Memory expression of habituation and of inhibitory avoidance is blocked by CNQX infused into the entorhinal cortex. <i>Behavioral and Neural Biology</i> , 1993, 60, 5-8.	2.2	26
33	Memory reconsolidation allows the consolidation of a concomitant weak learning through a synaptic tagging and capture mechanism. <i>Hippocampus</i> , 2013, 23, 931-941.	1.9	26
34	Behavioral Methods to Study Learning and Memory in Rats. , 2016, , 271-311.		26
35	HSP70 Facilitates Memory Consolidation of Fear Conditioning through MAPK Pathway in the Hippocampus. <i>Neuroscience</i> , 2018, 375, 108-118.	2.3	25
36	The cannabinoid system in the retrosplenial cortex modulates fear memory consolidation, reconsolidation, and extinction. <i>Learning and Memory</i> , 2015, 22, 584-588.	1.3	24

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37	Metaplasticity contributes to memory formation in the hippocampus. <i>Neuropsychopharmacology</i> , 2019, 44, 408-414.	5.4	24
38	Effect of antagonists of platelet-activating factor receptors on memory of inhibitory avoidance in rats. <i>Behavioral and Neural Biology</i> , 1994, 62, 1-3.	2.2	23
39	Involvement of the infralimbic cortex and CA1 hippocampal area in reconsolidation of a contextual fear memory through CB1 receptors: Effects of CP55,940. <i>Neurobiology of Learning and Memory</i> , 2016, 127, 42-47.	1.9	22
40	Resilience and Vulnerability to Trauma: Early Life Interventions Modulate Aversive Memory Reconsolidation in the Dorsal Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 134.	2.9	21
41	Effects of Hippocampal LIMK Inhibition on Memory Acquisition, Consolidation, Retrieval, Reconsolidation, and Extinction. <i>Molecular Neurobiology</i> , 2018, 55, 958-967.	4.0	19
42	Muscarinic Inhibition of Hippocampal and Striatal Adenylyl Cyclase is Mainly Due to the M4 Receptor. <i>Neurochemical Research</i> , 2009, 34, 1363-1371.	3.3	18
43	Pre-test administration of $\hat{\imath}^2$ -endorphin, or of electroconvulsive shock reverses the memory disruptive effect of posttraining electroconvulsive shock. <i>Peptides</i> , 1987, 8, 605-608.	2.4	17
44	Novel learning accelerates systems consolidation of a contextual fear memory. <i>Hippocampus</i> , 2016, 26, 924-932.	1.9	17
45	Enhancement of extinction memory by pharmacological and behavioral interventions targeted to its reactivation. <i>Scientific Reports</i> , 2017, 7, 10960.	3.3	17
46	Facilitatory effect of the intra-hippocampal pre-test administration of MT3 in the inhibitory avoidance task. <i>Behavioural Brain Research</i> , 2007, 177, 227-231.	2.2	15
47	Glial alterations in the hippocampus of rats submitted to ibotenic-induced lesion of the nucleus basalis magnocellularis. <i>Behavioural Brain Research</i> , 2008, 190, 206-211.	2.2	14
48	Calpain modulates fear memory consolidation, retrieval and reconsolidation in the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2018, 151, 53-58.	1.9	13
49	Reliable short-term memory in the trion model: toward a cortical language and grammar. <i>Biological Cybernetics</i> , 2001, 84, 173-182.	1.3	12
50	Sequential learning during contextual fear conditioning guides the rate of systems consolidation: Implications for consolidation of multiple memory traces. <i>Hippocampus</i> , 2017, 27, 518-528.	1.9	11
51	Synaptic consolidation as a temporally variable process: Uncovering the parameters modulating its time-course. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 42-47.	1.9	10
52	Prefrontal cortex VAMP1 gene network moderates the effect of the early environment on cognitive flexibility in children. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107509.	1.9	10
53	Amnesia of inhibitory avoidance by scopolamine is overcome by previous open-field exposure. <i>Learning and Memory</i> , 2014, 21, 634-645.	1.3	8
54	Hippocampal plasticity mechanisms mediating experience-dependent learning change over time. <i>Neurobiology of Learning and Memory</i> , 2018, 150, 56-63.	1.9	8

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55	Temporal Flexibility of Systems Consolidation and the Synaptic Occupancy/Reset Theory (SORT): Cues About the Nature of the Engram. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 1.	2.5	7
56	Early life handling decreases serotonin turnover in the nucleus accumbens and affects feeding behavior of adult rats. <i>Developmental Psychobiology</i> , 2010, 52, 190-196.	1.6	5
57	Conflict Test Battery for Studying the Act of Facing Threats in Pursuit of Rewards. <i>Frontiers in Neuroscience</i> , 2021, 15, 645769.	2.8	5
58	Bilateral injection of fasciculin into the amygdala of rats: Effects on two avoidance tasks, acetylcholinesterase activity, and cholinergic muscarinic receptors. <i>Pharmacology Biochemistry and Behavior</i> , 1990, 37, 439-444.	2.9	4
59	Hippocampal HECT E3 ligase inhibition facilitates consolidation, retrieval, and reconsolidation, and inhibits extinction of contextual fear memory. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107135.	1.9	4
60	Effects of Early Life Adversities upon Memory Processes and Cognition in Rodent Models. <i>Neuroscience</i> , 2022, 497, 282-307.	2.3	4
61	Can previous learning alter future plasticity mechanisms?. <i>Behavioral Neuroscience</i> , 2016, 130, 1-5.	1.2	3
62	Memory Consolidation Depends on Endogenous Hippocampal Levels of Anandamide: CB1 and M4, but Possibly not TRPV1 Receptors Mediate AM404 effects. <i>Neuroscience</i> , 2022, 497, 53-72.	2.3	3
63	Muscarynic metabotropic receptor M4 modulates the hippocampal CA1 LTP possibly through local GABAergic interneurons. <i>BMC Neuroscience</i> , 2014, 15, .	1.9	1
64	Adolescent female rats undergo full systems consolidation of an aversive memory, while males of the same age fail to discriminate contexts.. <i>Behavioral Neuroscience</i> , 2022, 136, 172-181.	1.2	1
65	Coupled map model for spatio-temporal processing in the olfactory bulb. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
66	Floor and Ceiling Effects. , 2018, , 1-4.		0
67	Floor and Ceiling Effects. , 2022, , 2750-2753.		0