Ryan T Lalumiere

List of Publications by Year
in descending order

51 papers	3,755 citations	172207 29 h-index	214527 47 g-index
53 all docs	53 docs citations	53 times ranked	3752 citing authors

#	Article	IF	Citations
1	Infralimbic Prefrontal Cortex Is Responsible for Inhibiting Cocaine Seeking in Extinguished Rats. Journal of Neuroscience, 2008, 28, 6046-6053.	1.7	465
2	Glutamate transmission in addiction. Neuropharmacology, 2009, 56, 169-173.	2.0	340
3	Glutamate Release in the Nucleus Accumbens Core Is Necessary for Heroin Seeking. Journal of Neuroscience, 2008, 28, 3170-3177.	1.7	318
4	Optogenetic inhibition of cocaine seeking in rats. Addiction Biology, 2013, 18, 50-53.	1.4	208
5	Post-Training Intra-Basolateral Amygdala Infusions of Norepinephrine Enhance Consolidation of Memory for Contextual Fear Conditioning. Journal of Neuroscience, 2003, 23, 6754-6758.	1.7	193
6	Extinction Training after Cocaine Self-Administration Induces Glutamatergic Plasticity to Inhibit Cocaine Seeking. Journal of Neuroscience, 2010, 30, 7984-7992.	1.7	187
7	Acid-sensing ion channels contribute to synaptic transmission and inhibit cocaine-evoked plasticity. Nature Neuroscience, 2014, 17, 1083-1091.	7.1	176
8	The infralimbic cortex regulates the consolidation of extinction after cocaine self-administration. Learning and Memory, 2010, 17, 168-175.	0.5	155
9	Neural circuit competition in cocaineâ€seeking: roles of the infralimbic cortex and nucleus accumbens shell. European Journal of Neuroscience, 2012, 35, 614-622.	1.2	128
10	Ceftriaxone Normalizes Nucleus Accumbens Synaptic Transmission, Glutamate Transport, and Export following Cocaine Self-Administration and Extinction Training. Journal of Neuroscience, 2012, 32, 12406-12410.	1.7	119
11	A Single Intra-PFC Infusion of BDNF Prevents Cocaine-Induced Alterations in Extracellular Glutamate within the Nucleus Accumbens. Journal of Neuroscience, 2009, 29, 3715-3719.	1.7	115
12	Blockade of noradrenergic receptors in the basolateral amygdala impairs taste memory. European Journal of Neuroscience, 2003, 18, 2605-2610.	1.2	98
13	Post-training intrabasolateral amygdala infusions of dopamine modulate consolidation of inhibitory avoidance memory: involvement of noradrenergic and cholinergic systems. European Journal of Neuroscience, 2004, 20, 2804-2810.	1.2	93
14	Modulation of memory consolidation by the basolateral amygdala or nucleus accumbens shell requires concurrent dopamine receptor activation in both brain regions. Learning and Memory, 2005, 12, 296-301.	0.5	92
15	Posttraining optogenetic manipulations of basolateral amygdala activity modulate consolidation of inhibitory avoidance memory in rats. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3597-3602.	3.3	85
16	Emotional Modulation of Learning and Memory: Pharmacological Implications. Pharmacological Reviews, 2017, 69, 236-255.	7.1	70
17	Glutamate: The New Frontier in Pharmacotherapy for Cocaine Addiction. CNS and Neurological Disorders - Drug Targets, 2008, 7, 482-491.	0.8	63
18	Optogenetic dissection of amygdala functioning. Frontiers in Behavioral Neuroscience, 2014, 8, 107.	1.0	58

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19	Memory enhancement induced by post-training intrabasolateral amygdala infusions of Â-adrenergic or muscarinic agonists requires activation of dopamine receptors: Involvement of right, but not left, basolateral amygdala. Learning and Memory, 2005, 12, 527-532.	0.5	57
20	The Dorsal Agranular Insular Cortex Regulates the Cued Reinstatement of Cocaine-Seeking, but not Food-Seeking, Behavior in Rats. Neuropsychopharmacology, 2015, 40, 2425-2433.	2.8	55
21	A Basal Forebrain Site Coordinates the Modulation of Endocrine and Behavioral Stress Responses via Divergent Neural Pathways. Journal of Neuroscience, 2016, 36, 8687-8699.	1.7	55
22	Basolateral amygdala projections to ventral hippocampus modulate the consolidation of footshock, but not contextual, learning in rats. Learning and Memory, 2016, 23, 51-60.	0.5	53
23	NAC1 Regulates the Recruitment of the Proteasome Complex into Dendritic Spines. Journal of Neuroscience, 2007, 27, 8903-8913.	1.7	51
24	The Contingency of Cocaine Administration Accounts for Structural and Functional Medial Prefrontal Deficits and Increased Adrenocortical Activation. Journal of Neuroscience, 2015, 35, 11897-11910.	1.7	48
25	A new technique for controlling the brain: optogenetics and its potential for use in research and the clinic. Brain Stimulation, 2011, 4, 1-6.	0.7	46
26	Prefrontalâ€"Bed Nucleus Circuit Modulation of a Passive Coping Response Set. Journal of Neuroscience, 2019, 39, 1405-1419.	1.7	42
27	Modafinil attenuates reinstatement of cocaine seeking: role for cystine-glutamate exchange and metabotropic glutamate receptors. Addiction Biology, 2014, 19, 49-60.	1.4	41
28	Basolateral Amygdala Inputs to the Medial Entorhinal Cortex Selectively Modulate the Consolidation of Spatial and Contextual Learning. Journal of Neuroscience, 2018, 38, 2698-2712.	1.7	36
29	Extinction of Cocaine Seeking Requires a Window of Infralimbic Pyramidal Neuron Activity after Unreinforced Lever Presses. Journal of Neuroscience, 2017, 37, 6075-6086.	1.7	35
30	Postmeal Optogenetic Inhibition of Dorsal or Ventral Hippocampal Pyramidal Neurons Increases Future Intake. ENeuro, 2019, 6, ENEURO.0457-18.2018.	0.9	34
31	The Rostromedial Tegmental Nucleus Modulates Behavioral Inhibition Following Cocaine Self-Administration in Rats. Neuropsychopharmacology, 2015, 40, 861-873.	2.8	26
32	Infralimbic cortex functioning across motivated behaviors: Can the differences be reconciled?. Neuroscience and Biobehavioral Reviews, 2021, 131, 704-721.	2.9	26
33	The infralimbic and prelimbic cortices contribute to the inhibitory control of cocaineâ€seeking behavior during a discriminative stimulus task in rats. Addiction Biology, 2017, 22, 1719-1730.	1.4	25
34	Attenuation of cocaine seeking in rats via enhancement of infralimbic cortical activity using stable step-function opsins. Psychopharmacology, 2019, 236, 479-490.	1.5	24
35	Amygdala-hippocampal interactions in synaptic plasticity and memory formation. Neurobiology of Learning and Memory, 2021, 184, 107490.	1.0	23
36	D1, but not D2, receptor blockade within the infralimbic and medial orbitofrontal cortex impairs cocaine seeking in a regionâ€specific manner. Addiction Biology, 2018, 23, 16-27.	1.4	17

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37	Intra-basolateral amygdala infusions of AP-5 impair or enhance retention of inhibitory avoidance depending on training conditions. Neurobiology of Learning and Memory, 2004, 81, 60-66.	1.0	15
38	Bed nuclei of the stria terminalis modulate memory consolidation via glucocorticoid-dependent and -independent circuits. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8104-8114.	3.3	15
39	Neural systems mediating the inhibition of cocaine-seeking behaviors. Pharmacology Biochemistry and Behavior, 2018, 174, 53-63.	1.3	14
40	Overexpression of ASIC1A in the nucleus accumbens of rats potentiates cocaineâ€seeking behavior. Addiction Biology, 2020, 25, e12690.	1.4	12
41	Drug Abuse and the Simplest Neurotransmitter. ACS Chemical Neuroscience, 2014, 5, 746-748.	1.7	9
42	The medial entorhinal cortex mediates basolateral amygdala effects on spatial memory and downstream activity-regulated cytoskeletal-associated protein expression. Neuropsychopharmacology, 2021, 46, 1172-1182.	2.8	8
43	Daily Optogenetic Stimulation of the Left Infralimbic Cortex Reverses Extinction Impairments in Male Rats Exposed to Single Prolonged Stress. Frontiers in Behavioral Neuroscience, 2021, 15, 780326.	1.0	8
44	A novel role for acidâ€sensing ion channels in Pavlovian reward conditioning. Genes, Brain and Behavior, 2019, 18, e12531.	1.1	5
45	Theta oscillations in rat infralimbic cortex are associated with the inhibition of cocaine seeking during extinction. Addiction Biology, 2022, 27, e13106.	1.4	5
46	Reward and drugs of abuse. , 2007, , 459-482.		3
47	Environmental certainty influences the neural systems regulating responses to threat and stress. Neuroscience and Biobehavioral Reviews, 2021, 131, 1037-1055.	2.9	2
48	Opening the genome to reduce cocaine-seeking behavior. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2442-2443.	3.3	1
49	Dopamine and Memory. , 2014, , 79-94.		1
50	Optogenetics to Study Reward Learning and Addiction. , 0, , 241-256.		0
51	Response-contingent optogenetics to discover the mechanisms of nicotine-cue associations. Neuropsychopharmacology, 2019, 44, 1995-1996.	2.8	0