

Ryan T Lalumiere

List of Publications by Year in descending order

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Version: 2024-02-01

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	Theta oscillations in rat infralimbic cortex are associated with the inhibition of cocaine seeking during extinction. <i>Addiction Biology</i> , 2022, 27, e13106.	1.4	5
2	The medial entorhinal cortex mediates basolateral amygdala effects on spatial memory and downstream activity-regulated cytoskeletal-associated protein expression. <i>Neuropsychopharmacology</i> , 2021, 46, 1172-1182.	2.8	8
3	Amygdala-hippocampal interactions in synaptic plasticity and memory formation. <i>Neurobiology of Learning and Memory</i> , 2021, 184, 107490.	1.0	23
4	Environmental certainty influences the neural systems regulating responses to threat and stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1037-1055.	2.9	2
5	Infralimbic cortex functioning across motivated behaviors: Can the differences be reconciled?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 704-721.	2.9	26
6	Daily Optogenetic Stimulation of the Left Infralimbic Cortex Reverses Extinction Impairments in Male Rats Exposed to Single Prolonged Stress. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 780326.	1.0	8
7	Overexpression of ASIC1A in the nucleus accumbens of rats potentiates cocaine-seeking behavior. <i>Addiction Biology</i> , 2020, 25, e12690.	1.4	12
8	Bed nuclei of the stria terminalis modulate memory consolidation via glucocorticoid-dependent and -independent circuits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8104-8114.	3.3	15
9	Attenuation of cocaine seeking in rats via enhancement of infralimbic cortical activity using stable step-function opsins. <i>Psychopharmacology</i> , 2019, 236, 479-490.	1.5	24
10	Response-contingent optogenetics to discover the mechanisms of nicotine-cue associations. <i>Neuropsychopharmacology</i> , 2019, 44, 1995-1996.	2.8	0
11	Postmeal Optogenetic Inhibition of Dorsal or Ventral Hippocampal Pyramidal Neurons Increases Future Intake. <i>ENeuro</i> , 2019, 6, ENEURO.0457-18.2018.	0.9	34
12	Prefrontal Bed Nucleus Circuit Modulation of a Passive Coping Response Set. <i>Journal of Neuroscience</i> , 2019, 39, 1405-1419.	1.7	42
13	A novel role for acid-sensing ion channels in Pavlovian reward conditioning. <i>Genes, Brain and Behavior</i> , 2019, 18, e12531.	1.1	5
14	Basolateral Amygdala Inputs to the Medial Entorhinal Cortex Selectively Modulate the Consolidation of Spatial and Contextual Learning. <i>Journal of Neuroscience</i> , 2018, 38, 2698-2712.	1.7	36
15	D1, but not D2, receptor blockade within the infralimbic and medial orbitofrontal cortex impairs cocaine seeking in a region-specific manner. <i>Addiction Biology</i> , 2018, 23, 16-27.	1.4	17
16	Neural systems mediating the inhibition of cocaine-seeking behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 174, 53-63.	1.3	14
17	Emotional Modulation of Learning and Memory: Pharmacological Implications. <i>Pharmacological Reviews</i> , 2017, 69, 236-255.	7.1	70
18	Extinction of Cocaine Seeking Requires a Window of Infralimbic Pyramidal Neuron Activity after Unreinforced Lever Presses. <i>Journal of Neuroscience</i> , 2017, 37, 6075-6086.	1.7	35

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19	The infralimbic and prelimbic cortices contribute to the inhibitory control of cocaine-seeking behavior during a discriminative stimulus task in rats. <i>Addiction Biology</i> , 2017, 22, 1719-1730.	1.4	25
20	A Basal Forebrain Site Coordinates the Modulation of Endocrine and Behavioral Stress Responses via Divergent Neural Pathways. <i>Journal of Neuroscience</i> , 2016, 36, 8687-8699.	1.7	55
21	Basolateral amygdala projections to ventral hippocampus modulate the consolidation of footshock, but not contextual, learning in rats. <i>Learning and Memory</i> , 2016, 23, 51-60.	0.5	53
22	The Dorsal Agranular Insular Cortex Regulates the Cued Reinstatement of Cocaine-Seeking, but not Food-Seeking, Behavior in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 2425-2433.	2.8	55
23	The Contingency of Cocaine Administration Accounts for Structural and Functional Medial Prefrontal Deficits and Increased Adrenocortical Activation. <i>Journal of Neuroscience</i> , 2015, 35, 11897-11910.	1.7	48
24	The Rostromedial Tegmental Nucleus Modulates Behavioral Inhibition Following Cocaine Self-Administration in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 861-873.	2.8	26
25	Dopamine and Memory. , 2014, , 79-94.		1
26	Optogenetic dissection of amygdala functioning. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 107.	1.0	58
27	Modafinil attenuates reinstatement of cocaine seeking: role for cystine-glutamate exchange and metabotropic glutamate receptors. <i>Addiction Biology</i> , 2014, 19, 49-60.	1.4	41
28	Drug Abuse and the Simplest Neurotransmitter. <i>ACS Chemical Neuroscience</i> , 2014, 5, 746-748.	1.7	9
29	Acid-sensing ion channels contribute to synaptic transmission and inhibit cocaine-evoked plasticity. <i>Nature Neuroscience</i> , 2014, 17, 1083-1091.	7.1	176
30	Optogenetic inhibition of cocaine seeking in rats. <i>Addiction Biology</i> , 2013, 18, 50-53.	1.4	208
31	Posttraining optogenetic manipulations of basolateral amygdala activity modulate consolidation of inhibitory avoidance memory in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3597-3602.	3.3	85
32	Opening the genome to reduce cocaine-seeking behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2442-2443.	3.3	1
33	Ceftriaxone Normalizes Nucleus Accumbens Synaptic Transmission, Glutamate Transport, and Export following Cocaine Self-Administration and Extinction Training. <i>Journal of Neuroscience</i> , 2012, 32, 12406-12410.	1.7	119
34	Neural circuit competition in cocaine-seeking: roles of the infralimbic cortex and nucleus accumbens shell. <i>European Journal of Neuroscience</i> , 2012, 35, 614-622.	1.2	128
35	A new technique for controlling the brain: optogenetics and its potential for use in research and the clinic. <i>Brain Stimulation</i> , 2011, 4, 1-6.	0.7	46
36	The infralimbic cortex regulates the consolidation of extinction after cocaine self-administration. <i>Learning and Memory</i> , 2010, 17, 168-175.	0.5	155

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37	Extinction Training after Cocaine Self-Administration Induces Glutamatergic Plasticity to Inhibit Cocaine Seeking. <i>Journal of Neuroscience</i> , 2010, 30, 7984-7992.	1.7	187
38	A Single Intra-PFC Infusion of BDNF Prevents Cocaine-Induced Alterations in Extracellular Glutamate within the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2009, 29, 3715-3719.	1.7	115
39	Glutamate transmission in addiction. <i>Neuropharmacology</i> , 2009, 56, 169-173.	2.0	340
40	Infralimbic Prefrontal Cortex Is Responsible for Inhibiting Cocaine Seeking in Extinguished Rats. <i>Journal of Neuroscience</i> , 2008, 28, 6046-6053.	1.7	465
41	Glutamate: The New Frontier in Pharmacotherapy for Cocaine Addiction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 482-491.	0.8	63
42	Glutamate Release in the Nucleus Accumbens Core Is Necessary for Heroin Seeking. <i>Journal of Neuroscience</i> , 2008, 28, 3170-3177.	1.7	318
43	NAC1 Regulates the Recruitment of the Proteasome Complex into Dendritic Spines. <i>Journal of Neuroscience</i> , 2007, 27, 8903-8913.	1.7	51
44	Reward and drugs of abuse. , 2007, , 459-482.		3
45	Memory enhancement induced by post-training intrabasolateral amygdala infusions of \hat{A} -adrenergic or muscarinic agonists requires activation of dopamine receptors: Involvement of right, but not left, basolateral amygdala. <i>Learning and Memory</i> , 2005, 12, 527-532.	0.5	57
46	Modulation of memory consolidation by the basolateral amygdala or nucleus accumbens shell requires concurrent dopamine receptor activation in both brain regions. <i>Learning and Memory</i> , 2005, 12, 296-301.	0.5	92
47	Post-training intrabasolateral amygdala infusions of dopamine modulate consolidation of inhibitory avoidance memory: involvement of noradrenergic and cholinergic systems. <i>European Journal of Neuroscience</i> , 2004, 20, 2804-2810.	1.2	93
48	Intra-basolateral amygdala infusions of AP-5 impair or enhance retention of inhibitory avoidance depending on training conditions. <i>Neurobiology of Learning and Memory</i> , 2004, 81, 60-66.	1.0	15
49	Blockade of noradrenergic receptors in the basolateral amygdala impairs taste memory. <i>European Journal of Neuroscience</i> , 2003, 18, 2605-2610.	1.2	98
50	Post-Training Intra-Basolateral Amygdala Infusions of Norepinephrine Enhance Consolidation of Memory for Contextual Fear Conditioning. <i>Journal of Neuroscience</i> , 2003, 23, 6754-6758.	1.7	193
51	Optogenetics to Study Reward Learning and Addiction. , 0, , 241-256.		0