

Ryan T Lalumiere

List of Publications by Year in descending order

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51
papers

3,755
citations

172457

29
h-index

214800

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. <i>Journal of Neuroscience</i> , 2008, 28, 6046-6053.	3.6	465
2	Glutamate transmission in addiction. <i>Neuropharmacology</i> , 2009, 56, 169-173.	4.1	340
3	Glutamate Release in the Nucleus Accumbens Core Is Necessary for Heroin Seeking. <i>Journal of Neuroscience</i> , 2008, 28, 3170-3177.	3.6	318
4	Optogenetic inhibition of cocaine seeking in rats. <i>Addiction Biology</i> , 2013, 18, 50-53.	2.6	208
5	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.	3.6	193
6	Extinction Training after Cocaine Self-Administration Induces Glutamatergic Plasticity to Inhibit Cocaine Seeking. <i>Journal of Neuroscience</i> , 2010, 30, 7984-7992.	3.6	187
7	Acid-sensing ion channels contribute to synaptic transmission and inhibit cocaine-evoked plasticity. <i>Nature Neuroscience</i> , 2014, 17, 1083-1091.	14.8	176
8	The infralimbic cortex regulates the consolidation of extinction after cocaine self-administration. <i>Learning and Memory</i> , 2010, 17, 168-175.	1.3	155
9	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.	2.6	128
10	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.	3.6	119
11	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.	3.6	115
12	Blockade of noradrenergic receptors in the basolateral amygdala impairs taste memory. <i>European Journal of Neuroscience</i> , 2003, 18, 2605-2610.	2.6	98
13	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.	2.6	93
14	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.	1.3	92
15	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.	7.1	85
16	Emotional Modulation of Learning and Memory: Pharmacological Implications. <i>Pharmacological Reviews</i> , 2017, 69, 236-255.	16.0	70
17	Glutamate: The New Frontier in Pharmacotherapy for Cocaine Addiction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 482-491.	1.4	63
18	Optogenetic dissection of amygdala functioning. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 107.	2.0	58

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19	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.	1.3	57
20	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.	5.4	55
21	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.	3.6	55
22	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.	1.3	53
23	NAC1 Regulates the Recruitment of the Proteasome Complex into Dendritic Spines. <i>Journal of Neuroscience</i> , 2007, 27, 8903-8913.	3.6	51
24	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.	3.6	48
25	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.	1.6	46
26	Prefrontalâ€œBed Nucleus Circuit Modulation of a Passive Coping Response Set. <i>Journal of Neuroscience</i> , 2019, 39, 1405-1419.	3.6	42
27	Modafinil attenuates reinstatement of cocaine seeking: role for cystine-glutamate exchange and metabotropic glutamate receptors. <i>Addiction Biology</i> , 2014, 19, 49-60.	2.6	41
28	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.	3.6	36
29	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.	3.6	35
30	Postmeal Optogenetic Inhibition of Dorsal or Ventral Hippocampal Pyramidal Neurons Increases Future Intake. <i>ENeuro</i> , 2019, 6, ENEURO.0457-18.2018.	1.9	34
31	The Rostromedial Tegmental Nucleus Modulates Behavioral Inhibition Following Cocaine Self-Administration in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 861-873.	5.4	26
32	Infralimbic cortex functioning across motivated behaviors: Can the differences be reconciled?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 704-721.	6.1	26
33	The infralimbic and prelimbic cortices contribute to the inhibitory control of cocaineâ€œseeking behavior during a discriminative stimulus task in rats. <i>Addiction Biology</i> , 2017, 22, 1719-1730.	2.6	25
34	Attenuation of cocaine seeking in rats via enhancement of infralimbic cortical activity using stable step-function opsins. <i>Psychopharmacology</i> , 2019, 236, 479-490.	3.1	24
35	Amygdala-hippocampal interactions in synaptic plasticity and memory formation. <i>Neurobiology of Learning and Memory</i> , 2021, 184, 107490.	1.9	23
36	D1, but not D2, receptor blockade within the infralimbic and medial orbitofrontal cortex impairs cocaine seeking in a regionâ€œspecific manner. <i>Addiction Biology</i> , 2018, 23, 16-27.	2.6	17

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37	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.	1.9	15
38	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.	7.1	15
39	Neural systems mediating the inhibition of cocaine-seeking behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 174, 53-63.	2.9	14
40	Overexpression of ASIC1A in the nucleus accumbens of rats potentiates cocaine-seeking behavior. <i>Addiction Biology</i> , 2020, 25, e12690.	2.6	12
41	Drug Abuse and the Simplest Neurotransmitter. <i>ACS Chemical Neuroscience</i> , 2014, 5, 746-748.	3.5	9
42	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.	5.4	8
43	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.	2.0	8
44	A novel role for acid-sensing ion channels in Pavlovian reward conditioning. <i>Genes, Brain and Behavior</i> , 2019, 18, e12531.	2.2	5
45	Theta oscillations in rat infralimbic cortex are associated with the inhibition of cocaine seeking during extinction. <i>Addiction Biology</i> , 2022, 27, e13106.	2.6	5
46	Reward and drugs of abuse. , 2007, , 459-482.		3
47	Environmental certainty influences the neural systems regulating responses to threat and stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1037-1055.	6.1	2
48	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.	7.1	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. <i>Neuropsychopharmacology</i> , 2019, 44, 1995-1996.	5.4	0