

Lori A Knackstedt

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,550
citations

218677

26
h-index

233421

45
g-index

52
all docs

52
docs citations

52
times ranked

2083
citing authors

#	ARTICLE	IF	CITATIONS
1	Ceftriaxone Restores Glutamate Homeostasis and Prevents Relapse to Cocaine Seeking. <i>Biological Psychiatry</i> , 2010, 67, 81-84.	1.3	351
2	The Role of Cystine-Glutamate Exchange in Nicotine Dependence in Rats and Humans. <i>Biological Psychiatry</i> , 2009, 65, 841-845.	1.3	233
3	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
4	Glutamate transporter <sc>GLT</sc> mediates <sc>N</sc>-acetylcysteine inhibition of cocaine reinstatement. <i>Addiction Biology</i> , 2015, 20, 316-323.	2.6	149
5	Glutamate and reinstatement. <i>Current Opinion in Pharmacology</i> , 2009, 9, 59-64.	3.5	147
6	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
7	The importance of considering polysubstance use: lessons from cocaine research. <i>Drug and Alcohol Dependence</i> , 2018, 192, 16-28.	3.2	100
8	Extended Access to Cocaine Self-Administration Enhances Drug-Primed Reinstatement but Not Behavioral Sensitization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 1103-1109.	2.5	98
9	Main path and byways: non-vesicular glutamate release by system x _c ⁺ as an important modifier of glutamatergic neurotransmission. <i>Journal of Neurochemistry</i> , 2015, 135, 1062-1079.	3.9	88
10	Ceftriaxone prevents the induction of cocaine sensitization and produces enduring attenuation of cue- and cocaine-primed reinstatement of cocaine-seeking. <i>Behavioural Brain Research</i> , 2011, 225, 252-258.	2.2	76
11	Role of mGlu5 neurotransmission in reinstated cocaine-seeking. <i>Addiction Biology</i> , 2013, 18, 40-49.	2.6	72
12	The role of ventral and dorsal striatum mGlu5 in relapse to cocaine-seeking and extinction learning. <i>Addiction Biology</i> , 2014, 19, 87-101.	2.6	69
13	Contrasting the Role of xCT and GLT-1 Upregulation in the Ability of Ceftriaxone to Attenuate the Cue-Induced Reinstatement of Cocaine Seeking and Normalize AMPA Receptor Subunit Expression. <i>Journal of Neuroscience</i> , 2017, 37, 5809-5821.	3.6	67
14	The effects of ceftriaxone on cue-primed reinstatement of cocaine-seeking in male and female rats: estrous cycle effects on behavior and protein expression in the nucleus accumbens. <i>Psychopharmacology</i> , 2018, 235, 837-848.	3.1	55
15	A novel rat model of comorbid PTSD and addiction reveals intersections between stress susceptibility and enhanced cocaine seeking with a role for mGlu5 receptors. <i>Translational Psychiatry</i> , 2018, 8, 209.	4.8	55
16	The Divergent Effects of CDPBB and Cannabidiol on Fear Extinction and Anxiety in a Predator Scent Stress Model of PTSD in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 91.	2.0	49
17	Evidence for opponent-process actions of intravenous cocaine and cocaethylene. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 931-936.	2.9	48
18	Repeated cycles of chronic intermittent ethanol exposure increases basal glutamate in the nucleus accumbens of mice without affecting glutamate transport. <i>Frontiers in Pharmacology</i> , 2015, 6, 27.	3.5	46

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19	Ceftriaxone attenuates cocaine relapse after abstinence through modulation of nucleus accumbens AMPA subunit expression. <i>European Neuropsychopharmacology</i> , 2016, 26, 186-194.	0.7	44
20	Alcohol consumption increases basal extracellular glutamate in the nucleus accumbens core of <scp>S</scp>pragueâ€™<scp>D</scp>awley rats without increasing spontaneous glutamate release. <i>European Journal of Neuroscience</i> , 2016, 44, 1896-1905.	2.6	43
21	Regionally Specific Effects of Oxytocin on Reinstatement of Cocaine Seeking in Male and Female Rats. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 677-686.	2.1	38
22	Ceftriaxone and cefazolin attenuate the cue-primed reinstatement of alcohol-seeking. <i>Frontiers in Pharmacology</i> , 2015, 6, 44.	3.5	37
23	Molecular changes evoked by the beta-lactam antibiotic ceftriaxone across rodent models of substance use disorder and neurological disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 116-130.	6.1	36
24	Addicted to palatable foods: comparing the neurobiology of Bulimia Nervosa to that of drug addiction. <i>Psychopharmacology</i> , 2014, 231, 1897-1912.	3.1	31
25	Sequential cocaine-alcohol self-administration produces adaptations in rat nucleus accumbens core glutamate homeostasis that are distinct from those produced by cocaine self-administration alone. <i>Neuropsychopharmacology</i> , 2020, 45, 441-450.	5.4	30
26	Ceftriaxone reduces alcohol intake in outbred rats while upregulating xCT in the nucleus accumbens core. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 159, 18-23.	2.9	28
27	Nucleus accumbens GLT-1a overexpression reduces glutamate efflux during reinstatement of cocaine-seeking but is not sufficient to attenuate reinstatement. <i>Neuropharmacology</i> , 2018, 135, 297-307.	4.1	22
28	Cocaine use disorder: A look at metabotropic glutamate receptors and glutamate transporters. , 2021, 221, 107797.		21
29	mGlu5 Receptors and Relapse to Cocaine-Seeking: The Role of Receptor Trafficking in Postrelapse Extinction Learning Deficits. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	2.2	20
30	Glutamate homeostasis and dopamine signaling: Implications for psychostimulant addiction behavior. <i>Neurochemistry International</i> , 2021, 144, 104896.	3.8	20
31	Regulation of cocaine-related behaviours by estrogen and progesterone. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104584.	6.1	18
32	Dose-dependent reduction in cocaine-induced locomotion by Clozapine-N-Oxide in rats with a history of cocaine self-administration. <i>Neuroscience Letters</i> , 2018, 674, 132-135.	2.1	16
33	Ceftriaxone and mGlu2/3 interactions in the nucleus accumbens core affect the reinstatement of cocaine-seeking in male and female rats. <i>Psychopharmacology</i> , 2020, 237, 2007-2018.	3.1	15
34	Conditioned stress prevents cue-primed cocaine reinstatement only in stress-responsive rats. <i>Stress</i> , 2016, 19, 406-418.	1.8	14
35	Role of prefrontal cortex projections to the nucleus accumbens core in mediating the effects of ceftriaxone on cueâ€™induced cocaine seeking. <i>Addiction Biology</i> , 2021, 26, e12928.	2.6	14
36	A Rat Model of Cocaine-Alcohol Polysubstance Use Reveals Altered Cocaine Seeking and Glutamate Levels in the Nucleus Accumbens. <i>Frontiers in Neuroscience</i> , 2020, 14, 877.	2.8	13

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37	The effects of Pavlovian cue extinction and ceftriaxone on cocaine relapse after abstinence. <i>Drug and Alcohol Dependence</i> , 2019, 197, 83-86.	3.2	11
38	The effects of clavulanic acid and amoxicillin on cue-primed reinstatement of cocaine seeking. <i>Behavioral Neuroscience</i> , 2019, 133, 247-254.	1.2	11
39	Hypothalamic-pituitary-adrenal axis activity in post-traumatic stress disorder and cocaine use disorder. <i>Stress</i> , 2020, 23, 638-650.	1.8	10
40	Impairments in reversal learning following short access to cocaine self-administration. <i>Drug and Alcohol Dependence</i> , 2018, 192, 239-244.	3.2	9
41	Effects of ceftriaxone on ethanol drinking and GLT-1 expression in ethanol dependence and relapse drinking. <i>Alcohol</i> , 2021, 92, 1-9.	1.7	9
42	Extinction vs. Abstinence: A Review of the Molecular and Circuit Consequences of Different Post-Cocaine Experiences. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6113.	4.1	8
43	Increased mGlu5 mRNA expression in BLA glutamate neurons facilitates resilience to the long-term effects of a single predator scent stress exposure. <i>Brain Structure and Function</i> , 2021, 226, 2279-2293.	2.3	8
44	MC-100093, a Novel β -Lactam Glutamate Transporter-1 Enhancer Devoid of Antimicrobial Properties, Attenuates Cocaine Relapse in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 378, 51-59.	2.5	6
45	Test-retest reliability of a new assessment to detect detailed temporal patterns of polysubstance use. <i>International Journal of Methods in Psychiatric Research</i> , 2022, 31, .	2.1	5
46	Glutamatergic Neuroplasticity in Addiction. , 2019, , 61-74.		2
47	Compulsive-like eating of high-fat high-sugar food is associated with "addiction"-like glutamatergic dysfunction in obesity prone rats. <i>Addiction Biology</i> , 2022, 27, .	2.6	2
48	Bulimia Nervosa as an Addiction. , 2016, , 1019-1027.		0
49	Investigation of Individual Differences in Stress Susceptibility and Drug-Seeking in an Animal Model of SUD/PTSD Comorbidity. <i>Neuromethods</i> , 2022, , 247-264.	0.3	0