K Matthew Lattal

List of Publications by Year
in descending order

66 papers	4,038 citations	159585 30 h-index	118850 62 g-index
66 all docs	66 docs citations	66 times ranked	4499 citing authors

#	Article	IF	Citations
1	Histone Deacetylase Inhibitors Enhance Memory and Synaptic Plasticity via CREB: CBP-Dependent Transcriptional Activation. Journal of Neuroscience, 2007, 27, 6128-6140.	3.6	741
2	Large-scale topology and the default mode network in the mouse connectome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18745-18750.	7.1	228
3	Systemic or intrahippocampal delivery of histone deacetylase inhibitors facilitates fear extinction.. Behavioral Neuroscience, 2007, 121, 1125-1131.	1.2	216
4	Behavioral impairments caused by injections of the protein synthesis inhibitor anisomycin after contextual retrieval reverse with time. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4667-4672.	7.1	204
5	Dopamine and extinction: A convergence of theory with fear and reward circuitry. Neurobiology of Learning and Memory, 2014, 108, 65-77.	1.9	181
6	Protein Synthesis Is Required for the Enhancement of Long-Term Potentiation and Long-Term Memory by Spaced Training. Journal of Neurophysiology, 2002, 87, 2770-2777.	1.8	179
7	Modulation of Chromatin Modification Facilitates Extinction of Cocaine-Induced Conditioned Place Preference. Biological Psychiatry, 2010, 67, 36-43.	1.3	168
8	Different Requirements for Protein Synthesis in Acquisition and Extinction of Spatial Preferences and Context-Evoked Fear. Journal of Neuroscience, 2001, 21, 5773-5780.	3.6	155
9	Increasing Histone Acetylation in the Hippocampus-Infralimbic Network Enhances Fear Extinction. Biological Psychiatry, 2012, 72, 25-33.	1.3	148
10	Epigenetics and persistent memory: implications for reconsolidation and silent extinction beyond the zero. Nature Neuroscience, 2013, 16, 124-129.	14.8	108
11	Trial and intertrial durations in Pavlovian conditioning: Issues of learning and performance.. Journal of Experimental Psychology, 1999, 25, 433-450.	1.7	90
12	Double Dissociation of Amygdala and Hippocampal Contributions to Trace and Delay Fear Conditioning. PLoS ONE, 2011, 6, e15982.	2.5	88
13	Bridging the interval: Theory and neurobiology of trace conditioning. Behavioural Processes, 2014, 101, 103-111.	1.1	78
14	9YExtinction: Does It or Doesnâ€™t It? The Requirement of Altered Gene Activity and New Protein Synthesis. Biological Psychiatry, 2006, 60, 344-351.	1.3	72
15	Overexpectation in appetitive Pavlovian and instrumental conditioning. Learning and Behavior, 1998, 26, 351-360.	3.4	69
16	Post-retrieval disruption of a cocaine conditioned place preference by systemic and intrabasolateral amygdala Î²₂- and Î±₁-adrenergic antagonists. Learning and Memory, 2009, 16, 777-789.	1.3	69
17	Transgenic Inhibition of Neuronal Protein Kinase A Activity Facilitates Fear Extinction. Journal of Neuroscience, 2006, 26, 12700-12707.	3.6	65
18	Activation of D1/5 Dopamine Receptors: A Common Mechanism for Enhancing Extinction of Fear and Reward-Seeking Behaviors. Neuropsychopharmacology, 2016, 41, 2072-2081.	5.4	55

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19	Epigenetics and memory: causes, consequences and treatments for postâ€traumatic stress disorder and addiction. Genes, Brain and Behavior, 2015, 14, 73-84.	2.2	54
20	Methylphenidate enhances extinction of contextual fear. Learning and Memory, 2012, 19, 67-72.	1.3	53
21	Substance abuse, memory, and post-traumatic stress disorder. Neurobiology of Learning and Memory, 2014, 112, 87-100.	1.9	53
22	Effects of <scp>d</scp>â€Cycloserine on Extinction and Reconditioning of Ethanolâ€Seeking Behavior in Mice. Alcoholism: Clinical and Experimental Research, 2009, 33, 772-782.	2.4	49
23	Effects of ethanol on encoding, consolidation, and expression of extinction following contextual fear conditioning.. Behavioral Neuroscience, 2007, 121, 1280-1292.	1.2	47
24	A role for Î±â‚adrenergic receptors in extinction of conditioned fear and cocaine conditioned place preference.. Behavioral Neuroscience, 2010, 124, 204-210.	1.2	42
25	Estimation of animal intelligence by university students in Japan and the United States. Anthrozoos, 2002, 15, 194-205.	1.4	41
26	Exposure to a fearful context during periods of memory plasticity impairs extinction via hyperactivation of frontal-amygdalar circuits. Learning and Memory, 2013, 20, 156-163.	1.3	40
27	Extinction, renewal, and spontaneous recovery of a spatial preference in the water maze.. Behavioral Neuroscience, 2003, 117, 1017-1028.	1.2	39
28	Facets of Pavlovian and operant extinction. Behavioural Processes, 2012, 90, 1-8.	1.1	38
29	The histone deacetylase inhibitor sodium butyrate modulates acquisition and extinction of cocaine-induced conditioned place preference. Pharmacology Biochemistry and Behavior, 2013, 106, 109-116.	2.9	38
30	Is an epigenetic switch the key to persistent extinction?. Neurobiology of Learning and Memory, 2011, 96, 35-40.	1.9	36
31	Delay and trace fear conditioning in C57BL/6 and DBA/2 mice: issues of measurement and performance. Learning and Memory, 2014, 21, 380-393.	1.3	31
32	Involvement of the dorsal hippocampus in expression and extinction of cocaineâ€induced conditioned place preference. Hippocampus, 2018, 28, 226-238.	1.9	31
33	Anisomycin disrupts a contextual memory following reactivation in a cocaine-induced locomotor activity paradigm.. Behavioral Neuroscience, 2007, 121, 156-163.	1.2	30
34	Direct comparisons of the size and persistence of anisomycin-induced consolidation and reconsolidation deficits. Learning and Memory, 2009, 16, 494-503.	1.3	30
35	Modafinil reinstates a cocaine conditioned place preference following extinction in rats. Behavioural Brain Research, 2009, 204, 250-253.	2.2	30
36	Reconsolidation and extinction: Using epigenetic signatures to challenge conventional wisdom. Neurobiology of Learning and Memory, 2017, 142, 55-65.	1.9	30

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37	Effects of post-session injections of anisomycin on the extinction of a spatial preference and on the acquisition of a spatial reversal preference. Behavioural Brain Research, 2004, 153, 327-339.	2.2	28
38	Inhibition of Soluble Epoxide Hydrolase after Cardiac Arrest/Cardiopulmonary Resuscitation Induces a Neuroprotective Phenotype in Activated Microglia and Improves Neuronal Survival. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1574-1581.	4.3	28
39	Opposing effects of d-cycloserine on fear despite a common extinction duration: Interactions between brain regions and behavior. Neurobiology of Learning and Memory, 2014, 113, 25-34.	1.9	26
40	Experimental strategy for translational studies of organophosphorus pesticide neurotoxicity based on real-world occupational exposures to chlorpyrifos. NeuroToxicology, 2012, 33, 660-668.	3.0	25
41	An immediate-shock freezing deficit with discrete cues: A possible role for unconditioned stimulus processing mechanisms.. Journal of Experimental Psychology, 2001, 27, 394-406.	1.7	24
42	Effects of a histone deacetylase 3 inhibitor on extinction and reinstatement of cocaine self-administration in rats. Psychopharmacology, 2019, 236, 517-529.	3.1	23
43	Differential effects of dorsal hippocampal inactivation on expression of recent and remote drug and fear memory. Neuroscience Letters, 2014, 569, 1-5.	2.1	20
44	G Proteinâ€Gated Inwardly Rectifying Potassium Channel Subunit 3 Knockâ€Out Mice Show Enhanced Ethanol Reward. Alcoholism: Clinical and Experimental Research, 2016, 40, 857-864.	2.4	20
45	Persistent effects of acute stress on fear and drug-seeking in a novel model of the comorbidity between post-traumatic stress disorder and addiction. Learning and Memory, 2017, 24, 422-431.	1.3	20
46	Acute Ethanol Withdrawal Impairs Contextual Learning and Enhances Cued Learning. Alcoholism: Clinical and Experimental Research, 2015, 39, 282-290.	2.4	18
47	Histone-Mediated Epigenetics in Addiction. Progress in Molecular Biology and Translational Science, 2014, 128, 51-87.	1.7	17
48	A parametric analysis of factors affecting acquisition and extinction of contextual fear in C57BL/6 and DBA/2 mice. Behavioural Processes, 2012, 90, 49-57.	1.1	16
49	Effects of D1 receptor knockout on fear and reward learning. Neurobiology of Learning and Memory, 2016, 133, 265-273.	1.9	16
50	Pathology Associated Memory Deficits in Swedish Mutant Genome-Based Amyloid Precursor Protein Transgenic Mice. Current Aging Science, 2009, 2, 205-213.	1.2	14
51	What does it take to demonstrate memory erasure? Theoretical comment on Norrholm et al. (2008).. Behavioral Neuroscience, 2008, 122, 1186-1190.	1.2	13
52	Cue configuration effects in acquisition and extinction of a cocaine-induced place preference.. Behavioral Neuroscience, 2014, 128, 217-227.	1.2	13
53	CONTEXT EFFECTS ON CHOICE. Journal of the Experimental Analysis of Behavior, 1998, 70, 301-320.	1.1	12
54	The study of associative learning: Mapping from psychological to neural levels of analysis. Neurobiology of Learning and Memory, 2014, 108, 1-4.	1.9	12

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55	CREST in the Nucleus Accumbens Core Regulates Cocaine Conditioned Place Preference, Cocaine-Seeking Behavior, and Synaptic Plasticity. Journal of Neuroscience, 2018, 38, 9514-9526.	3.6	10
56	Fear conditioning in mouse lines genetically selected for binge-like ethanol drinking. Alcohol, 2016, 52, 25-32.	1.7	8
57	Prazosin differentially affects extinction of cocaine conditioned place preference on the basis of dose and initial preference. NeuroReport, 2012, 23, 1048-1051.	1.2	7
58	Behavioral and immunohistochemical characterization of rapid reconditioning following extinction of contextual fear. Learning and Memory, 2019, 26, 387-402.	1.3	7
59	Rapid reacquisition of contextual fear following extinction in mice: effects of amount of extinction, acute ethanol withdrawal, and ethanol intoxication. Psychopharmacology, 2019, 236, 491-506.	3.1	7
60	Cellular learning theory: Theoretical comment on Cole and McNally (2007).. Behavioral Neuroscience, 2007, 121, 1140-1143.	1.2	5
61	Post-conditioning propranolol disrupts cocaine sensitization. Pharmacology Biochemistry and Behavior, 2012, 102, 515-519.	2.9	5
62	Pavlovian conditioning.. , 2013, , 283-306.		5
63	Context-Dependent and Context-Independent Effects of D1 Receptor Antagonism in the Basolateral and Central Amygdala during Cocaine Self-Administration. ENeuro, 2019, 6, ENEURO.0203-19.2019.	1.9	4
64	Partial MHC/neuroantigen peptide constructs attenuate methamphetamine-seeking and brain chemokine (Câ€“C motif) ligand 2 levels in rats. European Journal of Pharmacology, 2020, 880, 173175.	3.5	3
65	Involvement of the bed nucleus of the stria terminalis in initial conditioning and rapid reconditioning following extinction of contextual fear.. Behavioral Neuroscience, 2020, 134, 177-186.	1.2	3
66	Effects of a cue associated with cocaine or food reinforcers on extinction and postextinction return of behavior.. Behavioral Neuroscience, 2022, 136, 307-317.	1.2	3