Dayan Knox

List of Publications by Year
in descending order

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Version: 2024-02-01

28 papers	978 citations	516710 16 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	1073 citing authors

#	Article	IF	Citations
1	Single prolonged stress disrupts retention of extinguished fear in rats. Learning and Memory, 2012, 19, 43-49.	1.3	181
2	Single prolonged stress decreases glutamate, glutamine, and creatine concentrations in the rat medial prefrontal cortex. Neuroscience Letters, 2010, 480, 16-20.	2.1	111
3	Altered locus coeruleusâ€“norepinephrine function following single prolonged stress. European Journal of Neuroscience, 2013, 37, 901-909.	2.6	92
4	Single prolonged stress enhances hippocampal glucocorticoid receptor and phosphorylated protein kinase B levels. Neuroscience Research, 2013, 75, 130-137.	1.9	65
5	The role of basal forebrain cholinergic neurons in fear and extinction memory. Neurobiology of Learning and Memory, 2016, 133, 39-52.	1.9	62
6	Cholinergic neuronal lesions in the medial septum and vertical limb of the diagonal bands of Broca induce contextual fear memory generalization and impair acquisition of fear extinction. Hippocampus, 2016, 26, 718-726.	1.9	61
7	Sex differences in the single prolonged stress model. Behavioural Brain Research, 2015, 286, 29-32.	2.2	60
8	Expanding Our Understanding of Neurobiological Mechanisms of Resilience by Using Animal Models. Neuropsychopharmacology, 2012, 37, 317-318.	5.4	46
9	Inhibiting corticosterone synthesis during fear memory formation exacerbates cued fear extinction memory deficits within the single prolonged stress model. Behavioural Brain Research, 2015, 287, 182-186.	2.2	46
10	Neural circuits via which single prolonged stress exposure leads to fear extinction retention deficits. Learning and Memory, 2016, 23, 689-698.	1.3	46
11	Effect of nucleus basalis magnocellularis cholinergic lesions on fear-like and anxiety-like behavior.. Behavioral Neuroscience, 2006, 120, 307-312.	1.2	29
12	Early handling attenuates enhancement of glucocorticoid receptors in the prefrontal cortex in an animal model of post-traumatic stress disorder. Biology of Mood & Anxiety Disorders, 2013, 3, 22.	4.7	26
13	Disruption of medial septum and diagonal bands of Broca cholinergic projections to the ventral hippocampus disrupt auditory fear memory. Neurobiology of Learning and Memory, 2018, 152, 71-79.	1.9	21
14	Inactivation of the prelimbic cortex enhances freezing induced by trimethylthiazoline, a component of fox feces. Behavioural Brain Research, 2011, 221, 320-323.	2.2	19
15	Visceral Afferent Bias on Cortical Processing: Role of Adrenergic Afferents to the Basal Forebrain Cholinergic System.. Behavioral Neuroscience, 2004, 118, 1455-1459.	1.2	18
16	Using c-Jun to identify fear extinction learning-specific patterns of neural activity that are affected by single prolonged stress. Behavioural Brain Research, 2018, 341, 189-197.	2.2	18
17	Systematic Review and Methodological Considerations for the Use of Single Prolonged Stress and Fear Extinction Retention in Rodents. Frontiers in Behavioral Neuroscience, 2021, 15, 652636.	2.0	17
18	Maternal Separation Induces Sex-Specific Differences in Sensitivity to Traumatic Stress. Frontiers in Behavioral Neuroscience, 2021, 15, 766505.	2.0	12

#	Article	IF	Citations
19	Characterizing changes in glucocorticoid receptor internalization in the fear circuit in an animal model of post traumatic stress disorder. PLoS ONE, 2018, 13, e0205144.	2.5	10
20	Unconditioned freezing is enhanced in an appetitive context: Implications for the contextual dependency of unconditioned fear. Neurobiology of Learning and Memory, 2012, 97, 386-392.	1.9	9
21	PI3K-Akt Signaling in the Basolateral Amygdala Facilitates Traumatic Stress Enhancements in Fear Memory. International Journal of Neuropsychopharmacology, 2021, 24, 229-238.	2.1	9
22	Single prolonged stress alters neural activation in the periacqueductal gray and midline thalamic nuclei during emotional learning and memory. Learning and Memory, 2019, 26, 403-411.	1.3	8
23	Cortical modulation by nucleus basalis magnocellularis corticopetal cholinergic neurons during anxiety-like states is reflected by decreases in delta. Brain Research, 2008, 1227, 142-152.	2.2	5
24	Nucleus basalis magnocellularis and substantia innominata corticopetal cholinergic lesions attenuate freezing induced by predator odor.. Behavioral Neuroscience, 2008, 122, 601-610.	1.2	4
25	Fear learning-induced changes in AMPAR and NMDAR expression in the fear circuit. Learning and Memory, 2022, 29, 83-92.	1.3	2
26	Using Near-infrared Fluorescence and High-resolution Scanning to Measure Protein Expression in the Rodent Brain. Journal of Visualized Experiments, 2019, , .	0.3	1
27	Issues with Using Animal Models to Examine Sex Difference in Developing PTSD. Biological Psychiatry, 2021, 89, S48-S49.	1.3	0
28	The Effect of Traumatic Stress on the Mu-Opioid Receptors and Connectivity Within Reward Circuits. Biological Psychiatry, 2021, 89, S197.	1.3	0