

Luke R Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

805
citations

516710

16
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Pavlovian fear memory circuits and phenotype models of PTSD. <i>Neuropharmacology</i> , 2012, 62, 638-646.	4.1	106
2	An update on contextual fear memory mechanisms: Transition between Amygdala and Hippocampus. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 43-54.	6.1	105
3	Expression pattern of the cannabinoid receptor genes in the frontal cortex of Åmood disorder patients and mice selectively bred for high and low fear. <i>Journal of Psychiatric Research</i> , 2012, 46, 882-889.	3.1	68
4	The Importance of Reporting Housing and Husbandry in Rat Research. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 38.	2.0	62
5	Distribution of NMDA and AMPA receptor subunits at thalamo-amygdaloid dendritic spines. <i>Brain Research</i> , 2007, 1134, 87-94.	2.2	53
6	Associative Pavlovian conditioning leads to an increase in spinophilin-immunoreactive dendritic spines in the lateral amygdala. <i>European Journal of Neuroscience</i> , 2006, 24, 876-884.	2.6	41
7	Regulation of the Fear Network by Mediators of Stress: Norepinephrine Alters the Balance between Cortical and Subcortical Afferent Excitation of the Lateral Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 23.	2.0	40
8	A recurrent network in the lateral amygdala: a mechanism for coincidence detection. <i>Frontiers in Neural Circuits</i> , 2008, 2, 3.	2.8	28
9	Pavlovian Fear Conditioning Activates a Common Pattern of Neurons in the Lateral Amygdala of Individual Brains. <i>PLoS ONE</i> , 2011, 6, e15698.	2.5	28
10	Hebbian Reverberations in Emotional Memory Micro Circuits. <i>Frontiers in Neuroscience</i> , 2009, 3, 198-205.	2.8	27
11	An organization of visual and auditory fear conditioning in the lateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 1-13.	1.9	27
12	Behavioral evaluation of eight rat lines selected for high and low anxiety-related responses. <i>Behavioural Brain Research</i> , 2013, 257, 39-48.	2.2	26
13	The structure of Pavlovian fear conditioning in the amygdala. <i>Brain Structure and Function</i> , 2013, 218, 1569-1589.	2.3	24
14	Contextual Fear Conditioning Alter Microglia Number and Morphology in the Rat Dorsal Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 214.	3.7	24
15	Neurons Activated During Fear Memory Consolidation and Reconsolidation are Mapped to a Common and New Topography in the Lateral Amygdala. <i>Brain Topography</i> , 2013, 26, 468-478.	1.8	20
16	Diverse therapeutic developments for post-traumatic stress disorder (PTSD) indicate common mechanisms of memory modulation. , 2022, 239, 108195.		20
17	Effects of propranolol on the modification of trauma memory reconsolidation in PTSD patients: A systematic review and meta-analysis. <i>Journal of Psychiatric Research</i> , 2022, 150, 246-256.	3.1	18
18	Traits of fear resistance and susceptibility in an advanced intercross line. <i>European Journal of Neuroscience</i> , 2013, 38, 3314-3324.	2.6	17

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19	Membrane Associated Synaptic Mineralocorticoid and Glucocorticoid Receptors Are Rapid Regulators of Dendritic Spines. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 161.	3.7	15
20	Microtopography of fear memory consolidation and extinction retrieval within prefrontal cortex and amygdala. <i>Psychopharmacology</i> , 2019, 236, 383-397.	3.1	14
21	Mice selectively bred for High and Low fear behavior show differences in the number of pMAPK (p44/42) Tj ETQq1 1 0.784314 rgBT /C Learning and Memory, 2014, 112, 195-203.	1.9	7
22	A dendritic organization of lateral amygdala neurons in fear susceptible and resistant mice. <i>Neurobiology of Learning and Memory</i> , 2016, 127, 64-71.	1.9	7
23	Pavlovian Olfactory Fear Conditioning: Its Neural Circuitry and Importance for Understanding Clinical Fear-Based Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 221.	2.9	7
24	Contextual Fear Memory Maintenance Changes Expression of pMAPK, BDNF and IBA-1 in the Pre-limbic Cortex in a Layer-Specific Manner. <i>Frontiers in Neural Circuits</i> , 2021, 15, 660199.	2.8	7
25	Editorial: How Fear and Stress Shape the Mind. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 24.	2.0	6
26	Functional Neuronal Topography: A Statistical Approach to Micro Mapping Neuronal Location. <i>Frontiers in Neural Circuits</i> , 2018, 12, 84.	2.8	6
27	Memory Reconsolidation Therapy for Police Officers with Post-traumatic Stress Disorder. <i>Journal of Police and Criminal Psychology</i> , 2021, 36, 112-123.	1.9	1
28	Microcircuits of the Amygdala. , 2010, , 137-147.		1
29	Disruption of Amygdala Tsc2 in Adolescence Leads to Changed Prelimbic Cellular Activity and Generalized Fear Responses at Adulthood in Rats. <i>Cerebral Cortex</i> , 2022, , .	2.9	0