Luke R Johnson

List of Publications by Year
in descending order

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	Disruption of Amygdala Tsc2 in Adolescence Leads to Changed Prelimbic Cellular Activity and Generalized Fear Responses at Adulthood in Rats. Cerebral Cortex, 2022, , .	2.9	0
2	Effects of propranolol on the modification of trauma memory reconsolidation in PTSD patients: A systematic review and meta-analysis. Journal of Psychiatric Research, 2022, 150, 246-256.	3.1	18
3	Diverse therapeutic developments for post-traumatic stress disorder (PTSD) indicate common mechanisms of memory modulation. , 2022, 239, 108195.		20
4	Memory Reconsolidation Therapy for Police Officers with Post-traumatic Stress Disorder. Journal of Police and Criminal Psychology, 2021, 36, 112-123.	1.9	1
5	Contextual Fear Memory Maintenance Changes Expression of pMAPK, BDNF and IBA-1 in the Pre-limbic Cortex in a Layer-Specific Manner. Frontiers in Neural Circuits, 2021, 15, 660199.	2.8	7
6	Pavlovian Olfactory Fear Conditioning: Its Neural Circuity and Importance for Understanding Clinical Fear-Based Disorders. Frontiers in Molecular Neuroscience, 2019, 12, 221.	2.9	7
7	Contextual Fear Conditioning Alter Microglia Number and Morphology in the Rat Dorsal Hippocampus. Frontiers in Cellular Neuroscience, 2019, 13, 214.	3.7	24
8	Microtopography of fear memory consolidation and extinction retrieval within prefrontal cortex and amygdala. Psychopharmacology, 2019, 236, 383-397.	3.1	14
9	Functional Neuronal Topography: A Statistical Approach to Micro Mapping Neuronal Location. Frontiers in Neural Circuits, 2018, 12, 84.	2.8	6
10	An update on contextual fear memory mechanisms: Transition between Amygdala and Hippocampus. Neuroscience and Biobehavioral Reviews, 2018, 92, 43-54.	6.1	105
11	Editorial: How Fear and Stress Shape the Mind. Frontiers in Behavioral Neuroscience, 2016, 10, 24.	2.0	6
12	Membrane Associated Synaptic Mineralocorticoid and Glucocorticoid Receptors Are Rapid Regulators of Dendritic Spines. Frontiers in Cellular Neuroscience, 2016, 10, 161.	3.7	15
13	A dendritic organization of lateral amygdala neurons in fear susceptible and resistant mice. Neurobiology of Learning and Memory, 2016, 127, 64-71.	1.9	7
14	An organization of visual and auditory fear conditioning in the lateral amygdala. Neurobiology of Learning and Memory, 2014, 116, 1-13.	1.9	27
15	Mice selectively bred for High and Low fear behavior show differences in the number of pMAPK (p44/42) Tj ETQq1 1 0.784314 rgBT /O Learning and Memory, 2014, 112, 195-203.	1.9	7
16	The structure of Pavlovian fear conditioning in the amygdala. Brain Structure and Function, 2013, 218, 1569-1589.	2.3	24
17	Behavioral evaluation of eight rat lines selected for high and low anxiety-related responses. Behavioural Brain Research, 2013, 257, 39-48.	2.2	26
18	Neurons Activated During Fear Memory Consolidation and Reconsolidation are Mapped to a Common and New Topography in the Lateral Amygdala. Brain Topography, 2013, 26, 468-478.	1.8	20

#	Article	IF	Citations
19	Traits of fear resistance and susceptibility in an advanced intercross line. European Journal of Neuroscience, 2013, 38, 3314-3324.	2.6	17
20	Pavlovian fear memory circuits and phenotype models of PTSD. Neuropharmacology, 2012, 62, 638-646.	4.1	106
21	Expression pattern of the cannabinoid receptor genes in the frontal cortex ofÂmood disorder patients and mice selectively bred for high and low fear. Journal of Psychiatric Research, 2012, 46, 882-889.	3.1	68
22	Regulation of the Fear Network by Mediators of Stress: Norepinephrine Alters the Balance between Cortical and Subcortical Afferent Excitation of the Lateral Amygdala. Frontiers in Behavioral Neuroscience, 2011, 5, 23.	2.0	40
23	The Importance of Reporting Housing and Husbandry in Rat Research. Frontiers in Behavioral Neuroscience, 2011, 5, 38.	2.0	62
24	Pavlovian Fear Conditioning Activates a Common Pattern of Neurons in the Lateral Amygdala of Individual Brains. PLoS ONE, 2011, 6, e15698.	2.5	28
25	Microcircuits of the Amygdala. , 2010, , 137-147.		1
26	Hebbian Reverberations in Emotional Memory Micro Circuits. Frontiers in Neuroscience, 2009, 3, 198-205.	2.8	27
27	A recurrent network in the lateral amygdala: a mechanism for coincidence detection. Frontiers in Neural Circuits, 2008, 2, 3.	2.8	28
28	Distribution of NMDA and AMPA receptor subunits at thalamo-amygdaloid dendritic spines. Brain Research, 2007, 1134, 87-94.	2.2	53
29	Associative Pavlovian conditioning leads to an increase in spinophilinâ€immunoreactive dendritic spines in the lateral amygdala. European Journal of Neuroscience, 2006, 24, 876-884.	2.6	41