Bo Li

List of Publications by Year
in descending order

46 papers	5,088 citations	147566 31 h-index	253896 43 g-index
56 all docs	56 docs citations	56 times ranked	6713 citing authors

#	Article	IF	Citations
1	Synaptic potentiation onto habenula neurons in the learned helplessness model of depression. Nature, 2011, 470, 535-539.	13.7	507
2	Experience-dependent modification of a central amygdala fear circuit. Nature Neuroscience, 2013, 16, 332-339.	7.1	426
3	Glutamate Receptor Exocytosis and Spine Enlargement during Chemically Induced Long-Term Potentiation. Journal of Neuroscience, 2006, 26, 2000-2009.	1.7	425
4	The paraventricular thalamus controls a central amygdala fear circuit. Nature, 2015, 519, 455-459.	13.7	416
5	The Neuregulin-1 Receptor ErbB4 Controls Glutamatergic Synapse Maturation and Plasticity. Neuron, 2007, 54, 583-597.	3.8	319
6	The Mediodorsal Thalamus Drives Feedforward Inhibition in the Anterior Cingulate Cortex via Parvalbumin Interneurons. Journal of Neuroscience, 2015, 35, 5743-5753.	1.7	178
7	A basal ganglia circuit for evaluating action outcomes. Nature, 2016, 539, 289-293.	13.7	172
8	Fear Conditioning Potentiates Synaptic Transmission onto Long-Range Projection Neurons in the Lateral Subdivision of Central Amygdala. Journal of Neuroscience, 2014, 34, 2432-2437.	1.7	161
9	The central amygdala controls learning in the lateral amygdala. Nature Neuroscience, 2017, 20, 1680-1685.	7.1	159
10	Differential regulation of synaptic and extra-synaptic NMDA receptors. Nature Neuroscience, 2002, 5, 833-834.	7.1	156
11	An Interglomerular Circuit Gates Glomerular Output and Implements Gain Control in the Mouse Olfactory Bulb. Neuron, 2015, 87, 193-207.	3.8	145
12	Competition between Phasic and Asynchronous Release for Recovered Synaptic Vesicles at Developing Hippocampal Autaptic Synapses. Journal of Neuroscience, 2004, 24, 420-433.	1.7	138
13	Central Amygdala Somatostatin Neurons Gate Passive and Active Defensive Behaviors. Journal of Neuroscience, 2016, 36, 6488-6496.	1.7	138
14	The Rho-linked mental retardation protein oligophrenin-1 controls synapse maturation and plasticity by stabilizing AMPA receptors. Genes and Development, 2009, 23, 1289-1302.	2.7	125
15	The Lateral Habenula Circuitry: Reward Processing and Cognitive Control. Journal of Neuroscience, 2016, 36, 11482-11488.	1.7	119
16	A Central Extended Amygdala Circuit That Modulates Anxiety. Journal of Neuroscience, 2018, 38, 5567-5583.	1.7	116
17	Opposing Contributions of GABAergic and Glutamatergic Ventral Pallidal Neurons to Motivational Behaviors. Neuron, 2020, 105, 921-933.e5.	3.8	108
18	Disruption of the endocytic protein HIP1 results in neurological deficits and decreased AMPA receptor trafficking. EMBO Journal, 2003, 22, 3254-3266.	3.5	102

#	Article	IF	Citations
19	ErbB4 regulation of a thalamic reticular nucleus circuit for sensory selection. Nature Neuroscience, 2015, 18, 104-111.	7.1	101
20	Depression of Excitatory Synapses onto Parvalbumin Interneurons in the Medial Prefrontal Cortex in Susceptibility to Stress. Journal of Neuroscience, 2015, 35, 3201-3206.	1.7	95
21	Synaptic Modifications in the Medial Prefrontal Cortex in Susceptibility and Resilience to Stress. Journal of Neuroscience, 2014, 34, 7485-7492.	1.7	94
22	A fluorescent sensor for spatiotemporally resolved imaging of endocannabinoid dynamics in vivo. Nature Biotechnology, 2022, 40, 787-798.	9.4	84
23	Retrieving fear memories, as time goes byâ€¦. Molecular Psychiatry, 2016, 21, 1027-1036.	4.1	80
24	Population coding of valence in the basolateral amygdala. Nature Communications, 2018, 9, 5195.	5.8	78
25	An Insulaâ€“Central Amygdala Circuit for Guiding Tastant-Reinforced Choice Behavior. Journal of Neuroscience, 2018, 38, 1418-1429.	1.7	77
26	Whole-Brain Mapping of Neuronal Activity in the Learned Helplessness Model of Depression. Frontiers in Neural Circuits, 2016, 10, 3.	1.4	67
27	Developmental Decrease in NMDA Receptor Desensitization Associated with Shift to Synapse and Interaction with Postsynaptic Density-95. Journal of Neuroscience, 2003, 23, 11244-11254.	1.7	66
28	Interneuronal DISC1 regulates NRG1-ErbB4 signalling and excitatoryâ€“inhibitory synapse formation in the mature cortex. Nature Communications, 2015, 6, 10118.	5.8	62
29	Genetically identified amygdalaâ€“striatal circuits for valence-specific behaviors. Nature Neuroscience, 2021, 24, 1586-1600.	7.1	56
30	A Genetically Defined Compartmentalized Striatal Direct Pathway for Negative Reinforcement. Cell, 2020, 183, 211-227.e20.	13.5	49
31	NMDA Receptor Phosphorylation at a Site Affected in Schizophrenia Controls Synaptic and Behavioral Plasticity. Journal of Neuroscience, 2009, 29, 11965-11972.	1.7	40
32	Central amygdala cells for learning and expressing aversive emotional memories. Current Opinion in Behavioral Sciences, 2019, 26, 40-45.	2.0	32
33	Site within N-Methyl-d-aspartate Receptor Pore Modulates Channel Gating. Molecular Pharmacology, 2004, 65, 157-164.	1.0	29
34	NMDA Receptor Desensitization Regulated by Direct Binding to PDZ1-2 Domains of PSD-95. Journal of Neurophysiology, 2008, 99, 3052-3062.	0.9	29
35	A Central Amygdala-Globus Pallidus Circuit Conveys Unconditioned Stimulus-Related Information and Controls Fear Learning. Journal of Neuroscience, 2020, 40, 9043-9054.	1.7	28
36	A genetically defined insula-brainstem circuit selectively controls motivational vigor. Cell, 2021, 184, 6344-6360.e18.	13.5	28

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37	Parvalbumin Interneuron Dysfunction in a Thalamo-Prefrontal Cortical Circuit inDisc1Locus Impairment Mice. ENeuro, 2020, 7, ENEURO.0496-19.2020.	0.9	19
38	Oligophrenin-1 moderates behavioral responses to stress by regulating parvalbumin interneuron activity in the medial prefrontal cortex. Neuron, 2021, 109, 1636-1656.e8.	3.8	12
39	Non-equilibrium landscape and flux reveal how the central amygdala circuit gates passive and active defensive responses. Journal of the Royal Society Interface, 2019, 16, 20180756.	1.5	8
40	Sex-Specific Stress-Related Behavioral Phenotypes and Central Amygdala Dysfunction in a Mouse Model of 16p11.2 Microdeletion. Biological Psychiatry Global Open Science, 2021, 1, 59-69.	1.0	7
41	Neural Networks With Motivation. Frontiers in Systems Neuroscience, 2020, 14, 609316.	1.2	5
42	Opposing Contributions of GABAergic and Glutamatergic Ventral Pallidal Neurons to Motivational Behaviours. SSRN Electronic Journal, 0, , .	0.4	3
43	The opposite lane: a path to memories?. Nature Neuroscience, 2016, 19, 1273-1274.	7.1	1
44	Monitoring Synaptic Plasticity by Imaging AMPA Receptor Content and Dynamics on Dendritic Spines. Methods in Molecular Biology, 2013, 1018, 269-275.	0.4	1
45	A Pathway to Avoiding Threats?. Neuron, 2018, 100, 780-782.	3.8	0
46	How Low Can You Go? Calling Robust ATAC-Seq Peaks Through Read Down-Sampling. SSRN Electronic Journal, 0, , .	0.4	0