

Xin-Yun Lu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,290
citations

393982

19
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

2958
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin: A potential novel antidepressant. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1593-1598.	3.3	380
2	Anatomy of an Endogenous Antagonist: Relationship between Agouti-Related Protein and Proopiomelanocortin in Brain. Journal of Neuroscience, 1999, 19, RC26-RC26.	1.7	333
3	The leptin hypothesis of depression: a potential link between mood disorders and obesity?. Current Opinion in Pharmacology, 2007, 7, 648-652.	1.7	250
4	Leptin Increases Adult Hippocampal Neurogenesis in Vivo and in Vitro. Journal of Biological Chemistry, 2008, 283, 18238-18247.	1.6	199
5	Adiponectin is critical in determining susceptibility to depressive behaviors and has antidepressant-like activity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12248-12253.	3.3	145
6	Acute administration of leptin produces anxiolytic-like effects: a comparison with fluoxetine. Psychopharmacology, 2010, 207, 535-545.	1.5	136
7	The Melanocortinergic Pathway Is Rapidly Recruited by Emotional Stress and Contributes to Stress-Induced Anorexia and Anxiety-Like Behavior. Endocrinology, 2007, 148, 5531-5540.	1.4	119
8	Cognitive and neural correlates of depression-like behaviour in socially defeated mice: an animal model of depression with cognitive dysfunction. International Journal of Neuropsychopharmacology, 2011, 14, 303-317.	1.0	110
9	Selective deletion of leptin receptors in adult hippocampus induces depression-related behaviours. International Journal of Neuropsychopharmacology, 2013, 16, 857-867.	1.0	82
10	SIRT1 in forebrain excitatory neurons produces sexually dimorphic effects on depression-related behaviors and modulates neuronal excitability and synaptic transmission in the medial prefrontal cortex. Molecular Psychiatry, 2020, 25, 1094-1111.	4.1	80
11	Adiponectin Exerts Neurotrophic Effects on Dendritic Arborization, Spinogenesis, and Neurogenesis of the Dentate Gyrus of Male Mice. Endocrinology, 2016, 157, 2853-2869.	1.4	79
12	Forebrain glutamatergic neurons mediate leptin action on depression-like behaviors and synaptic depression. Translational Psychiatry, 2012, 2, e83-e83.	2.4	68
13	Melanocortin-4 receptor in the medial amygdala regulates emotional stress-induced anxiety-like behaviour, anorexia and corticosterone secretion. International Journal of Neuropsychopharmacology, 2013, 16, 105-120.	1.0	68
14	Adiponectin modulates ventral tegmental area dopamine neuron activity and anxiety-related behavior through AdipoR1. Molecular Psychiatry, 2019, 24, 126-144.	4.1	49
15	Modulation of depression-related behaviors by adiponectin AdipoR1 receptors in 5-HT neurons. Molecular Psychiatry, 2021, 26, 4205-4220.	4.1	45
16	Chronic unpredictable stress induces depression-related behaviors by suppressing AgRP neuron activity. Molecular Psychiatry, 2021, 26, 2299-2315.	4.1	41
17	Leptin regulates exon-specific transcription of the Bdnf gene via epigenetic modifications mediated by an AKT/p300 HAT cascade. Molecular Psychiatry, 2021, 26, 3701-3722.	4.1	31
18	Leptin/LepRb in the Ventral Tegmental Area Mediates Anxiety-Related Behaviors. International Journal of Neuropsychopharmacology, 2016, 19, pyv115.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Sex-Specific and Estrous Cycle-Dependent Antidepressant-Like Effects and Hippocampal Akt Signaling of Leptin. <i>Endocrinology</i> , 2015, 156, 3695-3705.	1.4	22
20	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. <i>Nature Communications</i> , 2021, 12, 1398.	5.8	17
21	Glucocorticoid-glucocorticoid receptor-HCN1 channels reduce neuronal excitability in dorsal hippocampal CA1 neurons. <i>Molecular Psychiatry</i> , 2022, 27, 4035-4049.	4.1	6