

Yanlin He

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,517
citations

304368

22
h-index

360668

35
g-index

59
all docs

59
docs citations

59
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Asprosin is a centrally acting orexigenic hormone. <i>Nature Medicine</i> , 2017, 23, 1444-1453.	15.2	216
2	Activation of Serotonin 2C Receptors in Dopamine Neurons Inhibits Binge-like Eating in Mice. <i>Biological Psychiatry</i> , 2017, 81, 737-747.	0.7	83
3	Estrogen receptor α in medial amygdala neurons regulates body weight. <i>Journal of Clinical Investigation</i> , 2015, 125, 2861-2876.	3.9	81
4	TAp63 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis. <i>Nature Communications</i> , 2018, 9, 1544.	5.8	64
5	A POMC-originated circuit regulates stress-induced hypophagia, depression, and anhedonia. <i>Molecular Psychiatry</i> , 2020, 25, 1006-1021.	4.1	64
6	Loss of function of NCOR1 and NCOR2 impairs memory through a novel GABAergic hypothalamus \rightarrow CA3 projection. <i>Nature Neuroscience</i> , 2019, 22, 205-217.	7.1	54
7	Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. <i>Nature Communications</i> , 2020, 11, 6378.	5.8	49
8	Reciprocal control of obesity and anxiety \rightarrow depressive disorder via a GABA and serotonin neural circuit. <i>Molecular Psychiatry</i> , 2021, 26, 2837-2853.	4.1	49
9	Estrogen receptor α expressing neurons in the ventrolateral VMH regulate glucose balance. <i>Nature Communications</i> , 2020, 11, 2165.	5.8	48
10	Deciphering an AgRP-serotonergic neural circuit in distinct control of energy metabolism from feeding. <i>Nature Communications</i> , 2021, 12, 3525.	5.8	47
11	Hypothalamic Vitamin D Improves Glucose Homeostasis and Reduces Weight. <i>Diabetes</i> , 2016, 65, 2732-2741.	0.3	45
12	Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. <i>Nature Communications</i> , 2019, 10, 1718.	5.8	45
13	Resveratrol inhibits Kv2.2 currents through the estrogen receptor GPR30-mediated PKC pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C547-C557.	2.1	40
14	REV-ERB in GABAergic neurons controls diurnal hepatic insulin sensitivity. <i>Nature</i> , 2021, 592, 763-767.	13.7	40
15	Exposure to Extremely Low-Frequency Electromagnetic Fields Modulates Na ⁺ Currents in Rat Cerebellar Granule Cells through Increase of AA/PGE2 and EP Receptor-Mediated cAMP/PKA Pathway. <i>PLoS ONE</i> , 2013, 8, e54376.	1.1	39
16	NRG1-Fc improves metabolic health via dual hepatic and central action. <i>JCI Insight</i> , 2018, 3, .	2.3	37
17	Functional coupling of TRPM2 and extrasynaptic NMDARs exacerbates excitotoxicity in ischemic brain injury. <i>Neuron</i> , 2022, 110, 1944-1958.e8.	3.8	35
18	PI3K in the ventromedial hypothalamic nucleus mediates estrogenic actions on energy expenditure in female mice. <i>Scientific Reports</i> , 2016, 6, 23459.	1.6	32

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19	Identification of key amino acid residues responsible for internal and external pH sensitivity of Orai1/STIM1 channels. <i>Scientific Reports</i> , 2015, 5, 16747.	1.6	29
20	Preoptic leptin signaling modulates energy balance independent of body temperature regulation. <i>ELife</i> , 2018, 7, .	2.8	28
21	Progress in the molecular understanding of central regulation of body weight by estrogens. <i>Obesity</i> , 2015, 23, 919-926.	1.5	27
22	Visualizing estrogen receptor- α -expressing neurons using a new ER α -ZsGreen reporter mouse line. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 522-532.	1.5	25
23	A Small Potassium Current in AgRP/NPY Neurons Regulates Feeding Behavior and Energy Metabolism. <i>Cell Reports</i> , 2016, 17, 1807-1818.	2.9	23
24	AgRP neurons trigger long-term potentiation and facilitate food seeking. <i>Translational Psychiatry</i> , 2021, 11, 11.	2.4	22
25	17 β -estradiol promotes acute refeeding in hungry mice via membrane-initiated ER α signaling. <i>Molecular Metabolism</i> , 2020, 42, 101053.	3.0	21
26	A D2 to D1 shift in dopaminergic inputs to midbrain 5-HT neurons causes anorexia in mice. <i>Nature Neuroscience</i> , 2022, 25, 646-658.	7.1	21
27	Apolipoprotein A-IV Inhibits AgRP/NPY Neurons and Activates Pro-Opiomelanocortin Neurons in the Arcuate Nucleus. <i>Neuroendocrinology</i> , 2016, 103, 476-488.	1.2	20
28	Protein tyrosine phosphatase receptor β serves as the orexigenic asprosin receptor. <i>Cell Metabolism</i> , 2022, 34, 549-563.e8.	7.2	20
29	Sigma-1 Receptor Agonists Directly Inhibit Nav1.2/1.4 Channels. <i>PLoS ONE</i> , 2012, 7, e49384.	1.1	19
30	Estrogen Receptor- α in the Medial Amygdala Prevents Stress-Induced Elevations in Blood Pressure in Females. <i>Hypertension</i> , 2016, 67, 1321-1330.	1.3	18
31	Heparin Increases Food Intake through AgRP Neurons. <i>Cell Reports</i> , 2017, 20, 2455-2467.	2.9	17
32	5-HT recruits distinct neurocircuits to inhibit hunger-driven and non-hunger-driven feeding. <i>Molecular Psychiatry</i> , 2021, 26, 7211-7224.	4.1	17
33	Amoxapine Inhibits the Delayed Rectifier Outward K^{+} Current in Mouse Cortical Neurons via cAMP/Protein Kinase A Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 437-445.	1.3	14
34	A hindbrain dopaminergic neural circuit prevents weight gain by reinforcing food satiation. <i>Science Advances</i> , 2021, 7, .	4.7	13
35	The antidepressant citalopram inhibits delayed rectifier outward K^{+} current in mouse cortical neurons. <i>Journal of Neuroscience Research</i> , 2012, 90, 324-336.	1.3	11
36	Melanocortin 4 receptor is not required for estrogenic regulations on energy homeostasis and reproduction. <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 152-159.	1.5	11

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37	Barbadin potentiates long-term effects of lorcaserin on POMC neurons and weight loss. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-3210-20.	1.7	11
38	Cyproheptadine Enhances the IK of Mouse Cortical Neurons through Sigma-1 Receptor-Mediated Intracellular Signal Pathway. <i>PLoS ONE</i> , 2012, 7, e41303.	1.1	11
39	An estrogen-sensitive hypothalamus-midbrain neural circuit controls thermogenesis and physical activity. <i>Science Advances</i> , 2022, 8, eabk0185.	4.7	11
40	Vitamin D actions in neurons require the PI3K pathway for both enhancing insulin signaling and rapid depolarizing effects. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 200, 105690.	1.2	10
41	Bradykinin inhibits the transient outward K ⁺ current in mouse Schwann cells via the cAMP/PKA pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C1364-C1372.	2.1	8
42	Hypothalamic steroid receptor coactivator-2 regulates adaptations to fasting and overnutrition. <i>Cell Reports</i> , 2021, 37, 110075.	2.9	8
43	Modulation of muscle rNa _v 1.4 Na ⁺ channel isoform by arachidonic acid and its non-metabolized analog. <i>Journal of Cellular Physiology</i> , 2009, 219, 173-182.	2.0	7
44	Hypothalamic Estrogen Signaling and Adipose Tissue Metabolism in Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	7
45	Vitamin D Enhances Insulin Sensitivity in Neurons. <i>Diabetes</i> , 2018, 67, 278-LB.	0.3	5
46	Targeting the T-type calcium channel Cav3.2 in GABAergic arcuate nucleus neurons to treat obesity. <i>Molecular Metabolism</i> , 2021, 54, 101391.	3.0	5
47	Brain natriuretic peptide modulates the delayed rectifier outward K ⁺ current and promotes the proliferation of mouse schwann cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 440-449.	2.0	2
48	Paraventricular Vitamin D Receptors Are Required for Glucose Tolerance in Males but Not Females. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	2
49	Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.		1
50	Novel Targets in Glucose Homeostasis and Obesity—Lesson from Rare Mutations. <i>Current Diabetes Reports</i> , 2020, 20, 66.	1.7	1
51	Cyproheptadine Regulates Pyramidal Neuron Excitability in Mouse Medial Prefrontal Cortex. <i>Neuroscience Bulletin</i> , 2018, 34, 759-768.	1.5	0
52	Eating for hunger or pleasure: a Serotonin Model. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 693-694.	1.5	0
53	TAp63 in Mature POMC Neurons Regulates Glucose and Energy Homeostasis. <i>Diabetes</i> , 2018, 67, 1796-P.	0.3	0
54	Estrogen-Responsive Neurons in the Ventrolateral VMH Regulate Glucose Balance. <i>Diabetes</i> , 2018, 67, 374-OR.	0.3	0

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55	1997-P: Bidirectional Regulation of Energy Homeostasis Mediated by Estrogen Receptor α and β in the Medial Amygdala. <i>Diabetes</i> , 2020, 69, 1997-P.	0.3	0