

Pingwen Xu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,337
citations

331670

21
h-index

395702

33
g-index

55
all docs

55
docs citations

55
times ranked

1825
citing authors

#	ARTICLE	IF	CITATIONS
1	An estrogen-sensitive hypothalamus-midbrain neural circuit controls thermogenesis and physical activity. <i>Science Advances</i> , 2022, 8, eabk0185.	10.3	11
2	$\hat{I}\pm$ -Ketoglutaric acid ameliorates hyperglycemia in diabetes by inhibiting hepatic gluconeogenesis via serpinin signaling. <i>Science Advances</i> , 2022, 8, eabn2879.	10.3	25
3	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.	14.8	21
4	Central and peripheral regulations mediated by short-chain fatty acids on energy homeostasis. <i>Translational Research</i> , 2022, 248, 128-150.	5.0	22
5	AgRP neurons trigger long-term potentiation and facilitate food seeking. <i>Translational Psychiatry</i> , 2021, 11, 11.	4.8	22
6	Progenitor-like characteristics in a subgroup of UCP1+ cells within white adipose tissue. <i>Developmental Cell</i> , 2021, 56, 985-999.e4.	7.0	25
7	Heparin impairs skeletal muscle glucose uptake by inhibiting insulin binding to insulin receptor. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00253.	2.4	2
8	5-HT recruits distinct neurocircuits to inhibit hunger-driven and non-hunger-driven feeding. <i>Molecular Psychiatry</i> , 2021, 26, 7211-7224.	7.9	17
9	Targeting the T-type calcium channel Cav3.2 in GABAergic arcuate nucleus neurons to treat obesity. <i>Molecular Metabolism</i> , 2021, 54, 101391.	6.5	5
10	Hypothalamic steroid receptor coactivator-2 regulates adaptations to fasting and overnutrition. <i>Cell Reports</i> , 2021, 37, 110075.	6.4	8
11	A POMC-originated circuit regulates stress-induced hypophagia, depression, and anhedonia. <i>Molecular Psychiatry</i> , 2020, 25, 1006-1021.	7.9	64
12	17 \hat{I}^2 -estradiol promotes acute refeeding in hungry mice via membrane-initiated ER $\hat{I}\pm$ signaling. <i>Molecular Metabolism</i> , 2020, 42, 101053.	6.5	21
13	Novel Targets in Glucose Homeostasis and Obesityâ€™ Lesson from Rare Mutations. <i>Current Diabetes Reports</i> , 2020, 20, 66.	4.2	1
14	Estrogen Receptor $\hat{I}\pm$ Regulates Ethanol Excitation of Ventral Tegmental Area Neurons and Binge Drinking in Female Mice. <i>Journal of Neuroscience</i> , 2020, 40, 5196-5207.	3.6	35
15	Exerciseâ€™induced $\hat{I}\pm$ â€™ketoglutaric acid stimulates muscle hypertrophy and fat loss through OXGR1â€™dependent adrenal activation. <i>EMBO Journal</i> , 2020, 39, e103304.	7.8	38
16	Estrogen receptor- $\hat{I}\pm$ expressing neurons in the ventrolateral VMH regulate glucose balance. <i>Nature Communications</i> , 2020, 11, 2165.	12.8	48
17	Dynamic control of adipose tissue development and adult tissue homeostasis by platelet-derived growth factor receptor alpha. <i>ELife</i> , 2020, 9, .	6.0	33
18	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.	0.6	0

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19	Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. Nature Communications, 2019, 10, 1718.	12.8	45
20	Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.		1
21	Gut-derived GIP activates central Rap1 to impair neural leptin sensitivity during overnutrition. Journal of Clinical Investigation, 2019, 129, 3786-3791.	8.2	62
22	1796-P: A Ventral Medial Hypothalamus Estrogen Receptor a Neural Circuit Controlling Energy Expenditure. Diabetes, 2019, 68, .	0.6	0
23	TAp63 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis. Nature Communications, 2018, 9, 1544.	12.8	64
24	Î±-Ketoglutarate prevents skeletal muscle protein degradation and muscle atrophy through PHD3/ADRB2 pathway. FASEB Journal, 2018, 32, 488-499.	0.5	37
25	TAp63 in Mature POMC Neurons Regulates Glucose and Energy Homeostasis. Diabetes, 2018, 67, 1796-P.	0.6	0
26	Estrogen-Responsive Neurons in the Ventrolateral VMH Regulate Glucose Balance. Diabetes, 2018, 67, 374-OR.	0.6	0
27	Activation of Serotonin 2C Receptors in Dopamine Neurons Inhibits Binge-like Eating in Mice. Biological Psychiatry, 2017, 81, 737-747.	1.3	83
28	Melanocortin 4 receptor is not required for estrogenic regulations on energy homeostasis and reproduction. Metabolism: Clinical and Experimental, 2017, 70, 152-159.	3.4	11
29	Heparin Increases Food Intake through AgRP Neurons. Cell Reports, 2017, 20, 2455-2467.	6.4	17
30	VMAT2-Mediated Neurotransmission from Midbrain Leptin Receptor Neurons in Feeding Regulation. ENeuro, 2017, 4, ENEURO.0083-17.2017.	1.9	15
31	Estrogen Receptor-Î± in the Medial Amygdala Prevents Stress-Induced Elevations in Blood Pressure in Females. Hypertension, 2016, 67, 1321-1330.	2.7	18
32	Neuronal Deletion of Ghrelin Receptor Almost Completely Prevents Diet-Induced Obesity. Diabetes, 2016, 65, 2169-2178.	0.6	63
33	Neuronal Rap1 Regulates Energy Balance, Glucose Homeostasis, and Leptin Actions. Cell Reports, 2016, 16, 3003-3015.	6.4	37
34	A Small Potassium Current in AgRP/NPY Neurons Regulates Feeding Behavior and Energy Metabolism. Cell Reports, 2016, 17, 1807-1818.	6.4	23
35	PI3K in the ventromedial hypothalamic nucleus mediates estrogenic actions on energy expenditure in female mice. Scientific Reports, 2016, 6, 23459.	3.3	32
36	Visualizing estrogen receptor-Î±-expressing neurons using a new ERÎ±-ZsGreen reporter mouse line. Metabolism: Clinical and Experimental, 2016, 65, 522-532.	3.4	25

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37	Apolipoprotein A-IV Inhibits AgRP/NPY Neurons and Activates Pro-Opiomelanocortin Neurons in the Arcuate Nucleus. <i>Neuroendocrinology</i> , 2016, 103, 476-488.	2.5	20
38	SRC-1 Regulates Blood Pressure and Aortic Stiffness in Female Mice. <i>PLoS ONE</i> , 2016, 11, e0168644.	2.5	13
39	Meta-chlorophenylpiperazine enhances leptin sensitivity in diet-induced obese mice. <i>British Journal of Pharmacology</i> , 2015, 172, 3510-3521.	5.4	12
40	Estrogens Prevent Metabolic Dysfunctions Induced by Circadian Disruptions in Female Mice. <i>Endocrinology</i> , 2015, 156, 2114-2123.	2.8	31
41	The ER α -PI3K Cascade in Proopiomelanocortin Progenitor Neurons Regulates Feeding and Glucose Balance in Female Mice. <i>Endocrinology</i> , 2015, 156, 4474-4491.	2.8	33
42	Estrogen receptor α in medial amygdala neurons regulates body weight. <i>Journal of Clinical Investigation</i> , 2015, 125, 2861-2876.	8.2	81
43	Targeting brain estrogen receptor for binge eating. <i>Oncotarget</i> , 2015, 6, 23044-23045.	1.8	1
44	Estrogens stimulate serotonin neurons to inhibit binge-like eating in mice. <i>Journal of Clinical Investigation</i> , 2014, 124, 4351-4362.	8.2	99
45	Steroid Receptor Coactivator-1 Mediates Estrogenic Actions to Prevent Body Weight Gain in Female Mice. <i>Endocrinology</i> , 2013, 154, 150-158.	2.8	34
46	ESTROGEN-RESPONSIVE NEURONS IN THE MEDIAL AMYGDALA PREVENT STRESS-INDUCED HYPERTENSION. <i>FASEB Journal</i> , 2013, 27, 654.11.	0.5	0
47	Fasting of 3-day-old chicks leads to changes in histone H3 methylation status. <i>Physiology and Behavior</i> , 2012, 105, 276-282.	2.1	14
48	Genetic selection for body weight in chickens has altered responses of the brain's AMPK system to food intake regulation effect of ghrelin, but not obestatin. <i>Behavioural Brain Research</i> , 2011, 221, 216-226.	2.2	47
49	AICAR and Compound C regulate food intake independently of AMP-activated protein kinase in lines of chickens selected for high or low body weight. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 401-412.	1.8	10
50	Hypothalamic Estrogen Signaling and Adipose Tissue Metabolism in Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	7