

# Pingwen Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2090101/publications.pdf>

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	Estrogens stimulate serotonin neurons to inhibit binge-like eating in mice. <i>Journal of Clinical Investigation</i> , 2014, 124, 4351-4362.	8.2	99
2	Activation of Serotonin 2C Receptors in Dopamine Neurons Inhibits Binge-like Eating in Mice. <i>Biological Psychiatry</i> , 2017, 81, 737-747.	1.3	83
3	Estrogen receptor $\alpha$ in medial amygdala neurons regulates body weight. <i>Journal of Clinical Investigation</i> , 2015, 125, 2861-2876.	8.2	81
4	TAp63 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis. <i>Nature Communications</i> , 2018, 9, 1544.	12.8	64
5	A POMC-originated circuit regulates stress-induced hypophagia, depression, and anhedonia. <i>Molecular Psychiatry</i> , 2020, 25, 1006-1021.	7.9	64
6	Neuronal Deletion of Ghrelin Receptor Almost Completely Prevents Diet-Induced Obesity. <i>Diabetes</i> , 2016, 65, 2169-2178.	0.6	63
7	Gut-derived GIP activates central Rap1 to impair neural leptin sensitivity during overnutrition. <i>Journal of Clinical Investigation</i> , 2019, 129, 3786-3791.	8.2	62
8	Estrogen receptor $\beta$ expressing neurons in the ventrolateral VMH regulate glucose balance. <i>Nature Communications</i> , 2020, 11, 2165.	12.8	48
9	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
10	Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. <i>Nature Communications</i> , 2019, 10, 1718.	12.8	45
11	Exercise-induced $\beta$ -ketoglutaric acid stimulates muscle hypertrophy and fat loss through OXGR1-dependent adrenal activation. <i>EMBO Journal</i> , 2020, 39, e103304.	7.8	38
12	Neuronal Rap1 Regulates Energy Balance, Glucose Homeostasis, and Leptin Actions. <i>Cell Reports</i> , 2016, 16, 3003-3015.	6.4	37
13	$\beta$ -Ketoglutarate prevents skeletal muscle protein degradation and muscle atrophy through PHD3/ADRB2 pathway. <i>FASEB Journal</i> , 2018, 32, 488-499.	0.5	37
14	Estrogen Receptor $\beta$ 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	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
16	The ER $\beta$ -PI3K Cascade in Proopiomelanocortin Progenitor Neurons Regulates Feeding and Glucose Balance in Female Mice. <i>Endocrinology</i> , 2015, 156, 4474-4491.	2.8	33
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	PI3K in the ventromedial hypothalamic nucleus mediates estrogenic actions on energy expenditure in female mice. <i>Scientific Reports</i> , 2016, 6, 23459.	3.3	32

#	ARTICLE	IF	CITATIONS
19	Estrogens Prevent Metabolic Dysfunctions Induced by Circadian Disruptions in Female Mice. <i>Endocrinology</i> , 2015, 156, 2114-2123.	2.8	31
20	Visualizing estrogen receptor- $\beta$ -expressing neurons using a new ER $\beta$ -ZsGreen reporter mouse line. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 522-532.	3.4	25
21	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
22	$\beta$ -Ketoglutaric acid ameliorates hyperglycemia in diabetes by inhibiting hepatic gluconeogenesis via serpine signaling. <i>Science Advances</i> , 2022, 8, eabn2879.	10.3	25
23	A Small Potassium Current in AgRP/NPY Neurons Regulates Feeding Behavior and Energy Metabolism. <i>Cell Reports</i> , 2016, 17, 1807-1818.	6.4	23
24	AgRP neurons trigger long-term potentiation and facilitate food seeking. <i>Translational Psychiatry</i> , 2021, 11, 11.	4.8	22
25	Central and peripheral regulations mediated by short-chain fatty acids on energy homeostasis. <i>Translational Research</i> , 2022, 248, 128-150.	5.0	22
26	17 $\beta$ -estradiol promotes acute refeeding in hungry mice via membrane-initiated ER $\beta$ signaling. <i>Molecular Metabolism</i> , 2020, 42, 101053.	6.5	21
27	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
28	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
29	Estrogen Receptor- $\beta$ in the Medial Amygdala Prevents Stress-Induced Elevations in Blood Pressure in Females. <i>Hypertension</i> , 2016, 67, 1321-1330.	2.7	18
30	Heparin Increases Food Intake through AgRP Neurons. <i>Cell Reports</i> , 2017, 20, 2455-2467.	6.4	17
31	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
32	VMAT2-Mediated Neurotransmission from Midbrain Leptin Receptor Neurons in Feeding Regulation. <i>ENeuro</i> , 2017, 4, ENEURO.0083-17.2017.	1.9	15
33	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
34	SRC-1 Regulates Blood Pressure and Aortic Stiffness in Female Mice. <i>PLoS ONE</i> , 2016, 11, e0168644.	2.5	13
35	Meta-chlorophenylpiperazine enhances leptin sensitivity in diet-induced obese mice. <i>British Journal of Pharmacology</i> , 2015, 172, 3510-3521.	5.4	12
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.	3.4	11

#	ARTICLE	IF	CITATIONS
37	An estrogen-sensitive hypothalamus-midbrain neural circuit controls thermogenesis and physical activity. <i>Science Advances</i> , 2022, 8, eabk0185.	10.3	11
38	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 &amp; Integrative Physiology</i> , 2011, 159, 401-412.	1.8	10
39	Hypothalamic steroid receptor coactivator-2 regulates adaptations to fasting and overnutrition. <i>Cell Reports</i> , 2021, 37, 110075.	6.4	8
40	Hypothalamic Estrogen Signaling and Adipose Tissue Metabolism in Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	7
41	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
42	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
43	Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.		1
44	Novel Targets in Glucose Homeostasis and Obesity—Lesson from Rare Mutations. <i>Current Diabetes Reports</i> , 2020, 20, 66.	4.2	1
45	Targeting brain estrogen receptor for binge eating. <i>Oncotarget</i> , 2015, 6, 23044-23045.	1.8	1
46	ESTROGEN-RESPONSIVE NEURONS IN THE MEDIAL AMYGDALA PREVENT STRESS-INDUCED HYPERTENSION. <i>FASEB Journal</i> , 2013, 27, 654.11.	0.5	0
47	TAp63 in Mature POMC Neurons Regulates Glucose and Energy Homeostasis. <i>Diabetes</i> , 2018, 67, 1796-P.	0.6	0
48	Estrogen-Responsive Neurons in the Ventrolateral VMH Regulate Glucose Balance. <i>Diabetes</i> , 2018, 67, 374-OR.	0.6	0
49	1796-P: A Ventral Medial Hypothalamus Estrogen Receptor a Neural Circuit Controlling Energy Expenditure. <i>Diabetes</i> , 2019, 68, .	0.6	0
50	1997-P: Bidirectional Regulation of Energy Homeostasis Mediated by Estrogen Receptor $\alpha$ and $\beta$ in the Medial Amygdala. <i>Diabetes</i> , 2020, 69, 1997-P.	0.6	0