

# Yanlin He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5015507/publications.pdf>

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  | An estrogen-sensitive hypothalamus-midbrain neural circuit controls thermogenesis and physical activity. <i>Science Advances</i> , 2022, 8, eabk0185.          | 4.7  | 11        |
| 2  | Protein tyrosine phosphatase receptor $\hat{1}$ serves as the orexigenic asprosin receptor. <i>Cell Metabolism</i> , 2022, 34, 549-563.e8.                     | 7.2  | 20        |
| 3  | Functional coupling of TRPM2 and extrasynaptic NMDARs exacerbates excitotoxicity in ischemic brain injury. <i>Neuron</i> , 2022, 110, 1944-1958.e8.            | 3.8  | 35        |
| 4  | 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        |
| 5  | Paraventricular Vitamin D Receptors Are Required for Glucose Tolerance in Males but Not Females. <i>Frontiers in Endocrinology</i> , 2022, 13, .               | 1.5  | 2         |
| 6  | AgRP neurons trigger long-term potentiation and facilitate food seeking. <i>Translational Psychiatry</i> , 2021, 11, 11.                                       | 2.4  | 22        |
| 7  | Reciprocal control of obesity and anxietyâ€“depressive disorder via a GABA and serotonin neural circuit. <i>Molecular Psychiatry</i> , 2021, 26, 2837-2853.    | 4.1  | 49        |
| 8  | REV-ERB in GABAergic neurons controls diurnal hepatic insulin sensitivity. <i>Nature</i> , 2021, 592, 763-767.   | 13.7 | 40        |
| 9  | A hindbrain dopaminergic neural circuit prevents weight gain by reinforcing food satiation. <i>Science Advances</i> , 2021, 7, .                               | 4.7  | 13        |
| 10 | 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        |
| 11 | Deciphering an AgRP-serotonergic neural circuit in distinct control of energy metabolism from feeding. <i>Nature Communications</i> , 2021, 12, 3525.          | 5.8  | 47        |
| 12 | 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        |
| 13 | Eating for hunger or pleasure: a Serotonin Model. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 693-694.  | 1.5  | 0         |
| 14 | 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         |
| 15 | Hypothalamic steroid receptor coactivator-2 regulates adaptations to fasting and overnutrition. <i>Cell Reports</i> , 2021, 37, 110075.                        | 2.9  | 8         |
| 16 | A POMC-originated circuit regulates stress-induced hypophagia, depression, and anhedonia. <i>Molecular Psychiatry</i> , 2020, 25, 1006-1021.                   | 4.1  | 64        |
| 17 | 17 $\hat{1}$ -estradiol promotes acute refeeding in hungry mice via membrane-initiated ER $\hat{1}$ signaling. <i>Molecular Metabolism</i> , 2020, 42, 101053. | 3.0  | 21        |
| 18 | Novel Targets in Glucose Homeostasis and Obesityâ€“Lesson from Rare Mutations. <i>Current Diabetes Reports</i> , 2020, 20, 66.                                 | 1.7  | 1         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. <i>Nature Communications</i> , 2020, 11, 6378.  | 5.8  | 49        |
| 20 | 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        |
| 21 | Estrogen receptor- $\alpha$ expressing neurons in the ventrolateral VMH regulate glucose balance. <i>Nature Communications</i> , 2020, 11, 2165.   | 5.8  | 48        |
| 22 | 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.  | 0.3  | 0         |
| 23 | 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        |
| 24 | Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. <i>Nature Communications</i> , 2019, 10, 1718.   | 5.8  | 45        |
| 25 | Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.   |      | 1         |
| 26 | TAp63 contributes to sexual dimorphism in POMC neuron functions and energy homeostasis. <i>Nature Communications</i> , 2018, 9, 1544.  | 5.8  | 64        |
| 27 | Cyproheptadine Regulates Pyramidal Neuron Excitability in Mouse Medial Prefrontal Cortex. <i>Neuroscience Bulletin</i> , 2018, 34, 759-768.  | 1.5  | 0         |
| 28 | NRG1-Fc improves metabolic health via dual hepatic and central action. <i>JCI Insight</i> , 2018, 3, .   | 2.3  | 37        |
| 29 | Preoptic leptin signaling modulates energy balance independent of body temperature regulation. <i>ELife</i> , 2018, 7, .   | 2.8  | 28        |
| 30 | TAp63 in Mature POMC Neurons Regulates Glucose and Energy Homeostasis. <i>Diabetes</i> , 2018, 67, 1796-P.   | 0.3  | 0         |
| 31 | Estrogen-Responsive Neurons in the Ventrolateral VMH Regulate Glucose Balance. <i>Diabetes</i> , 2018, 67, 374-OR.   | 0.3  | 0         |
| 32 | Vitamin D Enhances Insulin Sensitivity in Neurons. <i>Diabetes</i> , 2018, 67, 278-LB.   | 0.3  | 5         |
| 33 | 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        |
| 34 | 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        |
| 35 | Heparin Increases Food Intake through AgRP Neurons. <i>Cell Reports</i> , 2017, 20, 2455-2467.   | 2.9  | 17        |
| 36 | Asprosin is a centrally acting orexigenic hormone. <i>Nature Medicine</i> , 2017, 23, 1444-1453.   | 15.2 | 216       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Hypothalamic Vitamin D Improves Glucose Homeostasis and Reduces Weight. <i>Diabetes</i> , 2016, 65, 2732-2741.  | 0.3 | 45        |
| 38 | Estrogen Receptor- $\beta$ in the Medial Amygdala Prevents Stress-Induced Elevations in Blood Pressure in Females. <i>Hypertension</i> , 2016, 67, 1321-1330.   | 1.3 | 18        |
| 39 | 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        |
| 40 | 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        |
| 41 | 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.   | 1.5 | 25        |
| 42 | 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        |
| 43 | 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        |
| 44 | Progress in the molecular understanding of central regulation of body weight by estrogens. <i>Obesity</i> , 2015, 23, 919-926.  | 1.5 | 27        |
| 45 | Estrogen receptor- $\beta$ in medial amygdala neurons regulates body weight. <i>Journal of Clinical Investigation</i> , 2015, 125, 2861-2876.   | 3.9 | 81        |
| 46 | 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        |
| 47 | Exposure to Extremely Low-Frequency Electromagnetic Fields Modulates Na <sup>+</sup> 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        |
| 48 | Sigma-1 Receptor Agonists Directly Inhibit NaV1.2/1.4 Channels. <i>PLoS ONE</i> , 2012, 7, e49384.  | 1.1 | 19        |
| 49 | The antidepressant citalopram inhibits delayed rectifier outward K <sup>+</sup> current in mouse cortical neurons. <i>Journal of Neuroscience Research</i> , 2012, 90, 324-336.   | 1.3 | 11        |
| 50 | 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        |
| 51 | Brain natriuretic peptide modulates the delayed rectifier outward K <sup>+</sup> current and promotes the proliferation of mouse schwann cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 440-449.                             | 2.0 | 2         |
| 52 | Amoxapine Inhibits the Delayed Rectifier Outward K <sup>+</sup> 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        |
| 53 | Bradykinin inhibits the transient outward K <sup>+</sup> 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         |
| 54 | Modulation of muscle rNa <sub>v</sub> 1.4 Na <sup>+</sup> channel isoform by arachidonic acid and its non-metabolized analog. <i>Journal of Cellular Physiology</i> , 2009, 219, 173-182.   | 2.0 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Hypothalamic Estrogen Signaling and Adipose Tissue Metabolism in Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 0, 13, . | 1.5 | 7         |