# Young-Hwan Jo

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 3,132 citations | 257101 24 h-index | 315357 38 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 4040 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Overexpressing the hydroxycarboxylic acid receptor 1 in mouse brown adipose tissue restores glucose tolerance and insulin sensitivity in diet-induced obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2022, 323, E231-E241. | 1.8 | 3 |
| 2 | Activation of the ARCPOMCâ†'MeA Projection Reduces Food Intake. Frontiers in Neural Circuits, 2020, 14, 595783. | 1.4 | 16 |
| 3 | Optogenetic stimulation of the liver-projecting melanocortinergic pathway promotes hepatic glucose production. Nature Communications, 2020, 11, 6295. | 5.8 | 26 |
| 4 | Hydrocarboxylic acid receptor 1 in BAT regulates glucose uptake in mice fed a high-fat diet. PLoS ONE, 2020, 15, e0228320. | 1.1 | 5 |
| 5 | A gutâ€"brain axis regulating glucose metabolism mediated by bile acids and competitive fibroblast growth factor actions at the hypothalamus. Molecular Metabolism, 2018, 8, 37-50. | 3.0 | 61 |
| 6 | Intracellular glycolysis in brown adipose tissue is essential for optogenetically induced nonshivering thermogenesis in mice. Scientific Reports, 2018, 8, 6672. | 1.6 | 51 |
| 7 | Activation of temperature-sensitive TRPV1-like receptors in ARC POMC neurons reduces food intake. PLoS Biology, 2018, 16, e2004399. | 2.6 | 66 |
| 8 | Cholinergic neurons in the dorsomedial hypothalamus regulate food intake. Molecular Metabolism, 2017, 6, 306-312. | 3.0 | 74 |
| 9 | Single-Cell Gene Expression Analysis of Cholinergic Neurons in the Arcuate Nucleus of the Hypothalamus. PLoS ONE, 2016, 11, e0162839. | 1.1 | 27 |
| 10 | Apelin-13 Enhances Arcuate POMC Neuron Activity via Inhibiting M-Current. PLoS ONE, 2015, 10, e0119457. | 1.1 | 14 |
| 11 | Cholinergic neurons in the dorsomedial hypothalamus regulate mouse brown adipose tissue metabolism. Molecular Metabolism, 2015, 4, 483-492. | 3.0 | 50 |
| 12 | Interplay between glucose and leptin signalling determines the strength of GABAergic synapses at POMC neurons. Nature Communications, 2015, 6, 6618. | 5.8 | 32 |
| 13 | Why leptin keeps you warm. Molecular Metabolism, 2014, 3, 779-780. | 3.0 | 5 |
| 14 | Central action of FGF19 reduces hypothalamic AGRP/NPY neuron activity and improves glucose metabolism. Molecular Metabolism, 2014, 3, 19-28. | 3.0 | 128 |
| 15 | The Brainâ€"Liver Connection Between BDNF and Glucose Control. Diabetes, 2013, 62, 1367-1368. | 0.3 | 17 |
| 16 | Clusterin and LRP2 are critical components of the hypothalamic feeding regulatory pathway. Nature Communications, 2013, 4, 1862. | 5.8 | 52 |
| 17 | pRb is an obesity suppressor in hypothalamus and high-fat diet inhibits pRb in this location. EMBO Journal, 2013, 32, 844-857. | 3.5 | 19 |
| 18 | Overnight Fasting Regulates Inhibitory Tone to Cholinergic Neurons of the Dorsomedial Nucleus of the Hypothalamus. PLoS ONE, 2013, 8, e60828. | 1.1 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | TXNIP in Agrp Neurons Regulates Adiposity, Energy Expenditure, and Central Leptin Sensitivity. Journal of Neuroscience, 2012, 32, 9870-9877. | 1.7 | 38 |
| 20 | Endogenous BDNF regulates inhibitory synaptic transmission in the ventromedial nucleus of the hypothalamus. Journal of Neurophysiology, 2012, 107, 42-49. | 0.9 | 16 |
| 21 | Effects of Leptin and Melanocortin Signaling Interactions on Pubertal Development and Reproduction. Endocrinology, 2012, 153, 2408-2419. | 1.4 | 90 |
| 22 | Leptin Action via Neurotensin Neurons Controls Orexin, the Mesolimbic Dopamine System and Energy Balance. Cell Metabolism, 2011, 14, 313-323. | 7.2 | 292 |
| 23 | Interplay between ionotropic receptors modulates inhibitory synaptic strength. Communicative and Integrative Biology, 2011, 4, 706-709. | 0.6 | 6 |
| 24 | Cross-talk between P2X4 and Î³-Aminobutyric Acid, Type A Receptors Determines Synaptic Efficacy at a Central Synapse. Journal of Biological Chemistry, 2011, 286, 19993-20004. | 1.6 | 53 |
| 25 | Mediobasal Hypothalamic Leucine Sensing Regulates Food Intake through Activation of a Hypothalamus-Brainstem Circuit. Journal of Neuroscience, 2009, 29, 8302-8311. | 1.7 | 192 |
| 26 | Direct Innervation of GnRH Neurons by Metabolic- and Sexual Odorant-Sensing Leptin Receptor Neurons in the Hypothalamic Ventral Premammillary Nucleus. Journal of Neuroscience, 2009, 29, 3138-3147. | 1.7 | 136 |
| 27 | Oleic Acid Directly Regulates POMC Neuron Excitability in the Hypothalamus. Journal of Neurophysiology, 2009, 101, 2305-2316. | 0.9 | 93 |
| 28 | Transcription factors in the development of medial hypothalamic structures. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E563-E567. | 1.8 | 18 |
| 29 | Leptin Acts via Leptin Receptor-Expressing Lateral Hypothalamic Neurons to Modulate the Mesolimbic Dopamine System and Suppress Feeding. Cell Metabolism, 2009, 10, 89-98. | 7.2 | 370 |
| 30 | Steroidogenic Factor 1 Regulates Expression of the Cannabinoid Receptor 1 in the Ventromedial Hypothalamic Nucleus. Molecular Endocrinology, 2008, 22, 1950-1961. | 3.7 | 32 |
| 31 | Cholinergic Modulation of Appetite-Related Synapses in Mouse Lateral Hypothalamic Slice. Journal of Neuroscience, 2005, 25, 11133-11144. | 1.7 | 47 |
| 32 | Integration of Endocannabinoid and Leptin Signaling in an Appetite-Related Neural Circuit. Neuron, 2005, 48, 1055-1066. | 3.8 | 211 |
| 33 | Coordinate Release of ATP and GABA at In VitroSynapses of Lateral Hypothalamic Neurons. Journal of Neuroscience, 2002, 22, 4794-4804. | 1.7 | 132 |
| 34 | Cholinergic Modulation of Purinergic and GABAergic Co-Transmission at In Vitro Hypothalamic Synapses. Journal of Neurophysiology, 2002, 88, 2501-2508. | 0.9 | 42 |
| 35 | Nicotinic receptor-mediated effects on appetite and food intake. Journal of Neurobiology, 2002, 53, 618-632. | 3.7 | 284 |
| 36 | Synaptic corelease of ATP and GABA in cultured spinal neurons. Nature Neuroscience, 1999, 2, 241-245. | 7.1 | 326 |

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|---|---|---|---|
| 37 | Oxytocin Modulates Glutamatergic Synaptic Transmission between Cultured Neonatal Spinal Cord Dorsal Horn Neurons. Journal of Neuroscience, 1998, 18, 2377-2386. | 1.7 | 90 |
| 38 | Electrophysiological Characterization of Non-NMDA Glutamate Receptors on Cultured Intermediate Lobe Cells of the Rat Pituitary. Neuroendocrinology, 1996, 64, 162-168. | 1.2 | 4 |