Jong-Woo Sohn

List of Publications by Year
in descending order

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36 papers	2,464 citations	304743 22 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	3328 citing authors

#	Article	IF	Citations
1	Autonomic control of energy balance and glucose homeostasis. Experimental and Molecular Medicine, 2022, 54, 370-376.	7.7	21
2	Leptin-inhibited neurons in the lateral parabrachial nucleus do not alter food intake or glucose balance. Animal Cells and Systems, 2022, 26, 92-98.	2.2	3
3	Lomitapide, a cholesterol-lowering drug, is an anticancer agent that induces autophagic cell death via inhibiting mTOR. Cell Death and Disease, 2022, 13, .	6.3	10
4	Delineating a serotonin 1B receptor circuit for appetite suppression in mice. Journal of Experimental Medicine, 2022, 219, .	8.5	5
5	Angiopoietin-Like Growth Factor Involved in Leptin Signaling in the Hypothalamus. International Journal of Molecular Sciences, 2021, 22, 3443.	4.1	1
6	Neuroendocrine control of appetite and metabolism. Experimental and Molecular Medicine, 2021, 53, 505-516.	7.7	27
7	Microglial MERTK eliminates phosphatidylserineâ€displaying inhibitory postâ€synapses. EMBO Journal, 2021, 40, e107121.	7.8	43
8	The atypical antipsychotic risperidone targets hypothalamic melanocortin 4 receptors to cause weight gain. Journal of Experimental Medicine, 2021, 218, .	8.5	13
9	GÎ±i/o-coupled Htr2c in the paraventricular nucleus of the hypothalamus antagonizes the anorectic effect of serotonin agents. Cell Reports, 2021, 37, 109997.	6.4	5
10	Protocol for sodium depletion and measurement of sodium appetite in mice. STAR Protocols, 2021, 2, 101026.	1.2	1
11	Cellular and systemic mechanisms for glucose sensing and homeostasis. Pflugers Archiv European Journal of Physiology, 2020, 472, 1547-1561.	2.8	11
12	Primary cilia mediate early life programming of adiposity through lysosomal regulation in the developing mouse hypothalamus. Nature Communications, 2020, 11, 5772.	12.8	32
13	A neural basis for tonic suppression of sodium appetite. Nature Neuroscience, 2020, 23, 423-432.	14.8	24
14	Chemogenetic manipulation of parasympathetic neurons (DMV) regulates feeding behavior and energy metabolism. Neuroscience Letters, 2019, 712, 134356.	2.1	16
15	Spexin-Based Galanin Receptor Type 2 Agonist for Comorbid Mood Disorders and Abnormal Body Weight. Frontiers in Neuroscience, 2019, 13, 391.	2.8	35
16	Understanding melanocortin-4 receptor control of neuronal circuits: Toward novel therapeutics for obesity syndrome. Pharmacological Research, 2018, 129, 10-19.	7.1	20
17	Hypothalamic Macrophage Inducible Nitric Oxide Synthase Mediates Obesity-Associated Hypothalamic Inflammation. Cell Reports, 2018, 25, 934-946.e5.	6.4	62
18	TrpC5 Mediates Acute Leptin and Serotonin Effects via Pomc Neurons. Cell Reports, 2017, 18, 583-592.	6.4	75

#	Article	IF	Citations
19	Leptin and insulin engage specific PI3K subunits in hypothalamic SF1 neurons. Molecular Metabolism, 2016, 5, 669-679.	6.5	43
20	Polymer Thin Films with Tunable Acetylcholine-like Functionality Enable Long-Term Culture of Primary Hippocampal Neurons. ACS Nano, 2016, 10, 9909-9918.	14.6	14
21	Network of hypothalamic neurons that control appetite. BMB Reports, 2015, 48, 229-233.	2.4	207
22	Xbp1s in Pomc Neurons Connects ER Stress with Energy Balance and Glucose Homeostasis. Cell Metabolism, 2014, 20, 471-482.	16.2	213
23	Melanocortin 4 receptors in autonomic neurons regulate thermogenesis and glycemia. Nature Neuroscience, 2014, 17, 911-913.	14.8	114
24	Neuronal circuits that regulate feeding behavior and metabolism. Trends in Neurosciences, 2013, 36, 504-512.	8.6	218
25	Melanocortin 4 Receptors Reciprocally Regulate Sympathetic and Parasympathetic Preganglionic Neurons. Cell, 2013, 152, 612-619.	28.9	181
26	Leptin promotes K _{ATP} channel trafficking by AMPK signaling in pancreatic Î²-cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12673-12678.	7.1	69
27	Ion channels in the central regulation of energy and glucose homeostasis. Frontiers in Neuroscience, 2013, 7, 85.	2.8	19
28	Serotonin 2C receptors in pro-opiomelanocortin neurons regulate energy and glucose homeostasis. Journal of Clinical Investigation, 2013, 123, 5061-5070.	8.2	184
29	Neuroanatomy of melanocortinâ€4 receptor pathway in the lateral hypothalamic area. Journal of Comparative Neurology, 2012, 520, 4168-4183.	1.6	70
30	Functional Heterogeneity of Arcuate Nucleus Pro-Opiomelanocortin Neurons: Implications for Diverging Melanocortin Pathways. Molecular Neurobiology, 2012, 45, 225-233.	4.0	38
31	High-fat feeding promotes obesity via insulin receptor/PI3K-dependent inhibition of SF-1 VMH neurons. Nature Neuroscience, 2011, 14, 911-918.	14.8	205
32	Serotonin 2C Receptor Activates a Distinct Population of Arcuate Pro-opiomelanocortin Neurons via TRPC Channels. Neuron, 2011, 71, 488-497.	8.1	165
33	The Acute Effects of Leptin Require PI3K Signaling in the Hypothalamic Ventral Premammillary Nucleus. Journal of Neuroscience, 2011, 31, 13147-13156.	3.6	66
34	5-HT2CRs expressed by pro-opiomelanocortin neurons regulate insulin sensitivity in liver. Nature Neuroscience, 2010, 13, 1457-1459.	14.8	87
35	PI3K Signaling in the Ventromedial Hypothalamic Nucleus Is Required for Normal Energy Homeostasis. Cell Metabolism, 2010, 12, 88-95.	16.2	96
36	Glucose Deprivation Regulates KATPChannel Trafficking via AMP-Activated Protein Kinase in Pancreatic Î²-Cells. Diabetes, 2009, 58, 2813-2819.	0.6	71