Jennifer Hill

List of Publications by Year
in descending order

43 papers	2,180 citations	331670 21 h-index	276875 41 g-index
44 all docs	44 docs citations	44 times ranked	2744 citing authors

#	Article	IF	Citations
1	Direct Insulin and Leptin Action on Pro-opiomelanocortin Neurons Is Required for Normal Glucose Homeostasis and Fertility. Cell Metabolism, 2010, 11, 286-297.	16.2	321
2	Acute effects of leptin require PI3K signaling in hypothalamic proopiomelanocortin neurons in mice. Journal of Clinical Investigation, 2008, 118, 1796-1805.	8.2	293
3	Hypothalamic pathways linking energy balance and reproduction. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E827-E832.	3.5	291
4	Central insulin and leptin-mediated autonomic control of glucose homeostasis. Trends in Endocrinology and Metabolism, 2011, 22, 275-85.	7.1	104
5	PI3K Signaling in the Ventromedial Hypothalamic Nucleus Is Required for Normal Energy Homeostasis. Cell Metabolism, 2010, 12, 88-95.	16.2	96
6	Delayed Puberty but Normal Fertility in Mice With Selective Deletion of Insulin Receptors From Kiss1 Cells. Endocrinology, 2013, 154, 1337-1348.	2.8	94
7	Prenatal androgen exposure causes hypertension and gut microbiota dysbiosis. Gut Microbes, 2018, 9, 1-22.	9.8	85
8	Phosphatidyl Inositol 3-Kinase Signaling in Hypothalamic Proopiomelanocortin Neurons Contributes to the Regulation of Glucose Homeostasis. Endocrinology, 2009, 150, 4874-4882.	2.8	82
9	Attenuation of Luteinizing Hormone Surges in Neuropeptide Y Knockout Mice. Neuroendocrinology, 2000, 72, 263-271.	2.5	69
10	Monitoring FoxO1 Localization in Chemically Identified Neurons. Journal of Neuroscience, 2008, 28, 13640-13648.	3.6	64
11	Neuroanatomical Framework of the Metabolic Control of Reproduction. Physiological Reviews, 2018, 98, 2349-2380.	28.8	50
12	Regulation of Hypothalamic Neuropeptide Y Y1 Receptor Gene Expression during the Estrous Cycle: Role of Progesterone Receptors*. Endocrinology, 2000, 141, 3319-3327.	2.8	48
13	Insulin and Leptin Signaling Interact in the Mouse Kiss1 Neuron during the Peripubertal Period. PLoS ONE, 2015, 10, e0121974.	2.5	45
14	Glucocorticoid Receptor Î² Stimulates Akt1 Growth Pathway by Attenuation of PTEN. Journal of Biological Chemistry, 2014, 289, 17885-17894.	3.4	44
15	The Role of the Melanocortin System in Metabolic Disease: New Developments and Advances. Neuroendocrinology, 2017, 104, 330-346.	2.5	40
16	Estrogen Induces Neuropeptide Y (NPY) Y1 Receptor Gene Expression and Responsiveness to NPY in Gonadotrope-Enriched Pituitary Cell Cultures. Endocrinology, 2004, 145, 2283-2290.	2.8	38
17	Hyperinsulinemia drives hepatic insulin resistance in male mice with liver-specific Ceacam1 deletion independently of lipolysis. Metabolism: Clinical and Experimental, 2019, 93, 33-43.	3.4	38
18	Ablating astrocyte insulin receptors leads to delayed puberty and hypogonadism in mice. PLoS Biology, 2019, 17, e3000189.	5.6	36

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19	Abnormal Response of the Neuropeptide Y-Deficient Mouse Reproductive Axis to Food Deprivation But Not Lactation. Endocrinology, 2003, 144, 1780-1786.	2.8	35
20	Cross-talk between metabolism and reproduction: the role of POMC and SF1 neurons. Frontiers in Endocrinology, 2012, 2, 98.	3.5	32
21	Adipocyte Dysfunction in a Mouse Model of Polycystic Ovary Syndrome (PCOS): Evidence of Adipocyte Hypertrophy and Tissue-Specific Inflammation. PLoS ONE, 2012, 7, e48643.	2.5	25
22	Reduced Melanocortin Production Causes Sexual Dysfunction in Male Mice With POMC Neuronal Insulin and Leptin Insensitivity. Endocrinology, 2015, 156, 1372-1385.	2.8	22
23	PI3KÎ± inactivation in leptin receptor cells increases leptin sensitivity but disrupts growth and reproduction. JCI Insight, 2017, 2, .	5.0	21
24	Microbial Reconstitution Reverses Early Female Puberty Induced by Maternal High-fat Diet During Lactation. Endocrinology, 2020, 161, .	2.8	20
25	Hypomethylation of specific CpG sites in the promoter region of steroidogeneic genes (GATA6 and) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	18
26	The role of non-neuronal cells in hypogonadotropic hypogonadism. Molecular and Cellular Endocrinology, 2020, 518, 110996.	3.2	17
27	Sim1 Neurons Are Sufficient for MC4R-Mediated Sexual Function in Male Mice. Endocrinology, 2018, 159, 439-449.	2.8	16
28	ApoA-1 mimetic restores adiponectin expression and insulin sensitivity independent of changes in body weight in female obese mice. Nutrition and Diabetes, 2012, 2, e33-e33.	3.2	15
29	Suppression of protein kinase C theta contributes to enhanced myogenesis In vitro via IRS1 and ERK1/2 phosphorylation. BMC Cell Biology, 2013, 14, 39.	3.0	14
30	Genetic Factors Modulate the Impact of Pubertal Androgen Excess on Insulin Sensitivity and Fertility. PLoS ONE, 2013, 8, e79849.	2.5	14
31	Increased metabolic rate and insulin sensitivity in male mice lacking the carcino-embryonic antigen-related cell adhesion molecule 2. Diabetologia, 2012, 55, 763-772.	6.3	13
32	Oxytocin Neurons Enable Melanocortin Regulation of Male Sexual Function in Mice. Molecular Neurobiology, 2019, 56, 6310-6323.	4.0	13
33	Insulin sensing by astrocytes is critical for normal thermogenesis and body temperature regulation. Journal of Endocrinology, 2020, 247, 39-52.	2.6	13
34	Leptin Resistance Contributes to Obesity in Mice with Null Mutation of Carcinoembryonic Antigen-related Cell Adhesion Molecule 1. Journal of Biological Chemistry, 2016, 291, 11124-11132.	3.4	12
35	Role of insulin in the neuroendocrine control of reproduction. Journal of Neuroendocrinology, 2021, 33, e12930.	2.6	9
36	The Efficacy of GnRHa Alone or in Combination with rhGH for the Treatment of Chinese Children with Central Precocious Puberty. Scientific Reports, 2016, 6, 24259.	3.3	8

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37	From Precocious Puberty to Infertility: Metabolic Control of the Reproductive Function. Frontiers in Endocrinology, 2013, 4, 43.	3.5	7
38	Annexin A1 Complex Mediates Oxytocin Vesicle Transport. Journal of Neuroendocrinology, 2013, 25, 1241-1254.	2.6	6
39	Revisiting the reproductive functions of neuropeptide Y. Current Opinion in Endocrinology, Diabetes and Obesity, 2002, 9, 203-214.	0.6	5
40	Impact of Nutritional Epigenetics in Essential Hypertension: Targeting microRNAs in the Gut-Liver Axis. Current Hypertension Reports, 2021, 23, 28.	3.5	4
41	Alteration in follistatin gene expression detected in prenatally androgenized rats. Gynecological Endocrinology, 2017, 33, 433-437.	1.7	3
42	SUN-102 Spexin Differentially Regulates Adipogenesis in Brown and White Adipose Tissue Depots. Journal of the Endocrine Society, 2019, 3, .	0.2	0
43	SAT-151 Hyperinsulinemia-Driven Progressive Metabolic Dysfunction in Male Mice with Liver-Specific CEACAM1 Deletion. Journal of the Endocrine Society, 2019, 3, .	0.2	0