Ruben Nogueiras

List of Publications by Year
in descending order

271	16,618	13865 67	19749 117
papers	citations	h-index	g-index

280	280	280	17654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Myeloid p38 activation maintains macrophageâ€“liver crosstalk and BAT thermogenesis through ILâ€12â€“FGF21 axis. Hepatology, 2023, 77, 874-887.	7.3	3
2	Hepatic p63 regulates glucose metabolism by repressing SIRT1. Gut, 2023, 72, 472-483.	12.1	4
3	Short regulatory DNA sequences to target brain endothelial cells for gene therapy. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 104-120.	4.3	6
4	Activation of Hypothalamic <scp>AMPâ€Activated</scp> Protein Kinase Ameliorates Metabolic Complications of Experimental Arthritis. Arthritis and Rheumatology, 2022, 74, 212-222.	5.6	11
5	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. Journal of Hepatology, 2022, 76, 11-24.	3.7	16
6	LEAP-2 Counteracts Ghrelin-Induced Food Intake in a Nutrient, Growth Hormone and Age Independent Manner. Cells, 2022, 11, 324.	4.1	14
7	Hypothalamic pregnenolone mediates recognition memory in the context of metabolic disorders. Cell Metabolism, 2022, 34, 269-284.e9.	16.2	13
8	Inhibition of carnitine palmitoyltransferase 1A in hepatic stellate cells protects against fibrosis. Journal of Hepatology, 2022, 77, 15-28.	3.7	31
9	An updated view on human neonatal thermogenesis. Nature Reviews Endocrinology, 2022, , .	9.6	1
10	Methionine adenosyltransferase 1a antisense oligonucleotides activate the liver-brown adipose tissue axis preventing obesity and associated hepatosteatosis. Nature Communications, 2022, 13, 1096.	12.8	22
11	Metabolic-associated fatty liver disease: From simple steatosis toward liver cirrhosis and potential complications. Proceedings of the Third Translational Hepatology Meeting, organized by the Spanish Association for the Study of the Liver (AEEH). GastroenterologÃa Y HepatologÃa, 2022, 45, 724-734.	0.5	3
12	Kappa-Opioid Receptor Blockade Ameliorates Obesity Caused by Estrogen Withdrawal via Promotion of Energy Expenditure through mTOR Pathway. International Journal of Molecular Sciences, 2022, 23, 3118.	4.1	7
13	Angiocrine polyamine production regulates adiposity. Nature Metabolism, 2022, 4, 327-343.	11.9	31
14	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome. Molecular Metabolism, 2022, 59, 101465.	6.5	6
15	O-GlcNAcylation: A Sweet Hub in the Regulation of Glucose Metabolism in Health and Disease. Frontiers in Endocrinology, 2022, 13, 873513.	3.5	17
16	Sun exposure stimulates appetite in males. Nature Metabolism, 2022, 4, 796-797.	11.9	2
17	Neddylation tunes peripheral blood mononuclear cells immune response in COVID-19 patients. Cell Death Discovery, 2022, 8, .	4.7	3
18	Metabolic Landscape of the Mouse Liver by Quantitative 31P Nuclear Magnetic Resonance Analysis of the Phosphorome. Hepatology, 2021, 74, 148-163.	7.3	13

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19	The Lâ€Îâ€Lysophosphatidylinositol/G Proteinâ€“Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. Hepatology, 2021, 73, 606-624.	7.3	42
20	Splicing factor SF3B1 is overexpressed and implicated in the aggressiveness and survival of hepatocellular carcinoma. Cancer Letters, 2021, 496, 72-83.	7.2	48
21	Nicotineâ€™ actions on energy balance: Friend or foe?. , 2021, 219, 107693.		20
22	Adipose tissue is a key organ for the beneficial effects of GLPâ€2 metabolic function. British Journal of Pharmacology, 2021, 178, 2131-2145.	5.4	6
23	Brain JNK and metabolic disease. Diabetologia, 2021, 64, 265-274.	6.3	21
24	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. Journal of Hepatology, 2021, 74, 469-471.	3.7	51
25	Tanycytes in the infundibular nucleus and median eminence and their role in the bloodâ€“brain barrier. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 253-273.	1.8	17
26	Impact of liver-specific GLUT8 silencing on fructose-induced inflammation and omega oxidation. IScience, 2021, 24, 102071.	4.1	13
27	Î¼-Opioid Signaling in the Lateral Hypothalamic Area Modulates Nicotine-Induced Negative Energy Balance. International Journal of Molecular Sciences, 2021, 22, 1515.	4.1	11
28	Maternal Serum Angiopoietin-Like 3 Levels in Healthy and Mild Preeclamptic Pregnant Women. Frontiers in Endocrinology, 2021, 12, 670357.	3.5	3
29	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. Redox Biology, 2021, 41, 101945.	9.0	9
30	Is LRP2 Involved in Leptin Transport over the Blood-Brain Barrier and Development of Obesity?. International Journal of Molecular Sciences, 2021, 22, 4998.	4.1	7
31	Activity-Based Anorexia Induces Browning of Adipose Tissue Independent of Hypothalamic AMPK. Frontiers in Endocrinology, 2021, 12, 669980.	3.5	7
32	Leptin brain entry via a tanycytic LepRâ€“EGFR shuttle controls lipid metabolism and pancreas function. Nature Metabolism, 2021, 3, 1071-1090.	11.9	67
33	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	12.8	36
34	MECHANISMS IN ENDOCRINOLOGY: The gutâ€“brain axis: regulating energy balance independent of food intake. European Journal of Endocrinology, 2021, 185, R75-R91.	3.7	13
35	Tanycytic networks mediate energy balance by feeding lactate to glucose-insensitive POMC neurons. Journal of Clinical Investigation, 2021, 131, .	8.2	31
36	BMP8 and activated brown adipose tissue in human newborns. Nature Communications, 2021, 12, 5274.	12.8	24

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37	Mitochondrial cristae-remodeling protein OPA1 in POMC neurons couples Ca2+ homeostasis with adipose tissue lipolysis. Cell Metabolism, 2021, 33, 1820-1835.e9.	16.2	32
38	Neddylation inhibition ameliorates steatosis in NAFLD by boosting hepatic fatty acid oxidation via the DEPTOR-mTOR axis. Molecular Metabolism, 2021, 53, 101275.	6.5	22
39	Small extracellular vesicle-mediated targeting of hypothalamic AMPKÎ±1 corrects obesity through BAT activation. Nature Metabolism, 2021, 3, 1415-1431.	11.9	45
40	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. Nature Reviews Endocrinology, 2021, 17, 745-755.	9.6	34
41	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. Nature Neuroscience, 2021, 24, 1522-1533.	14.8	164
42	Orally Induced Hyperthyroidism Regulates Hypothalamic AMP-Activated Protein Kinase. Nutrients, 2021, 13, 4204.	4.1	2
43	Phytochemical Composition, Anti-Inflammatory and ER Stress-Reducing Potential of Sambucus ebulus L. Fruit Extract. Plants, 2021, 10, 2446.	3.5	14
44	Vav2 catalysis-dependent pathways contribute to skeletal muscle growth and metabolic homeostasis. Nature Communications, 2020, 11, 5808.	12.8	17
45	Intestinal NAPE-PLD contributes to short-term regulation of food intake via gut-to-brain axis. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E647-E657.	3.5	14
46	Serum angiopoietin-like 3 levels are elevated in obese non diabetic men but are unaffected during an oral glucose tolerance test. Scientific Reports, 2020, 10, 21118.	3.3	7
47	Liver osteopontin is required to prevent the progression of ageâ€related nonalcoholic fatty liver disease. Aging Cell, 2020, 19, e13183.	6.7	20
48	Targeting Hepatic Glutaminase 1 Ameliorates Non-alcoholic Steatohepatitis by Restoring Very-Low-Density Lipoprotein Triglyceride Assembly. Cell Metabolism, 2020, 31, 605-622.e10.	16.2	68
49	Oral Pharmacological Activation of Hypothalamic Guanylate Cyclase 2C Receptor Stimulates Brown Fat Thermogenesis to Reduce Body Weight. Neuroendocrinology, 2020, 110, 1042-1054.	2.5	8
50	Type 2 diabetes risk gene Dusp8 regulates hypothalamic Jnk signaling and insulin sensitivity. Journal of Clinical Investigation, 2020, 130, 6093-6108.	8.2	17
51	Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. ELife, 2020, 9, .	6.0	26
52	SAT-028 Leptin, Leptin Soluble Receptor and FLI in Healthy and Preeclamptic Pregnancies. Journal of the Endocrine Society, 2020, 4, .	0.2	0
53	Hypothalamic dopamine signalling regulates brown fat thermogenesis. Nature Metabolism, 2019, 1, 811-829.	11.9	44
54	Glucagon Control on Food Intake and Energy Balance. International Journal of Molecular Sciences, 2019, 20, 3905.	4.1	32

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55	Central nicotine induces browning through hypothalamic Îº opioid receptor. Nature Communications, 2019, 10, 4037.	12.8	32
56	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. Diabetes, 2019, 68, 2210-2222.	0.6	34
57	Functional identity of hypothalamic melanocortin neurons depends on Tbx3. Nature Metabolism, 2019, 1, 222-235.	11.9	27
58	Adipocyte MTERF4 regulates non-shivering adaptive thermogenesis and sympathetic-dependent glucose homeostasis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1298-1312.	3.8	5
59	ANGPTL-4 is Associated with Obesity and Lipid Profile in Children and Adolescents. Nutrients, 2019, 11, 1340.	4.1	11
60	Exciting advances in GPCR-based drugs discovery for treating metabolic disease and future perspectives. Expert Opinion on Drug Discovery, 2019, 14, 421-431.	5.0	11
61	Parabrachial Interleukin-6 Reduces Body Weight and Food Intake and Increases Thermogenesis to Regulate Energy Metabolism. Cell Reports, 2019, 26, 3011-3026.e5.	6.4	41
62	Uroguanylin Improves Leptin Responsiveness in Diet-Induced Obese Mice. Nutrients, 2019, 11, 752.	4.1	8
63	Hypothalamic Control of Food Intake and Energy Homeostasis. , 2019, , 393-397.		0
64	Growth Factors. , 2019, , 69-71.		0
65	Ghrelin and food reward. Neuropharmacology, 2019, 148, 131-138.	4.1	59
66	p107 Deficiency Increases Energy Expenditure by Inducing Brownâ€Fat Thermogenesis and Browning of White Adipose Tissue. Molecular Nutrition and Food Research, 2019, 63, e1801096.	3.3	7
67	Vagal afferents contribute to sympathoexcitation-driven metabolic dysfunctions. Journal of Endocrinology, 2019, 240, 483-496.	2.6	7
68	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. Molecular Metabolism, 2018, 8, 132-143.	6.5	28
69	Plasma ANGPTLâ€4 is Associated with Obesity and Glucose Tolerance: Crossâ€Sectional and Longitudinal Findings. Molecular Nutrition and Food Research, 2018, 62, e1800060.	3.3	35
70	Cooperative role of the glucagonâ€like peptideâ€1 receptor and Î²3â€adrenergicâ€mediated signalling on fat mass reduction through the downregulation of <scp>PKA</scp>/<scp>AKT</scp>/<scp>AMPK</scp> signalling in the adipose tissue and muscle of rats. Acta Physiologica, 2018, 222, e13008.	3.8	40
71	Melanin-Concentrating Hormone acts through hypothalamic kappa opioid system and p70S6K to stimulate acute food intake. Neuropharmacology, 2018, 130, 62-70.	4.1	15
72	SerpinA3N is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. Genes and Nutrition, 2018, 13, 28.	2.5	29

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73	Regulation of Chemerin and CMKLR1 Expression by Nutritional Status, Postnatal Development, and Gender. International Journal of Molecular Sciences, 2018, 19, 2905.	4.1	8
74	Circulating Pro-Uroguanylin Levels In Children And Their Relation To Obesity, Sex And Puberty. Scientific Reports, 2018, 8, 14541.	3.3	7
75	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. Cell Reports, 2018, 25, 413-423.e5.	6.4	68
76	SIRT1 mediates obesity- and nutrient-dependent perturbation of pubertal timing by epigenetically controlling Kiss1 expression. Nature Communications, 2018, 9, 4194.	12.8	84
77	Improvement of Duchenne muscular dystrophy phenotype following obestatin treatment. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 1063-1078.	7.3	9
78	Ghrelin and LEAP-2: Rivals in Energy Metabolism. Trends in Pharmacological Sciences, 2018, 39, 685-694.	8.7	52
79	Sex-Biased Physiological Roles of NPFF1R, the Canonical Receptor of RFRP-3, in Food Intake and Metabolic Homeostasis Revealed by its Congenital Ablation in mice. Metabolism: Clinical and Experimental, 2018, 87, 87-97.	3.4	16
80	p38Î±Âblocks brown adipose tissue thermogenesis through p38Î´Âinhibition. PLoS Biology, 2018, 16, e2004455.	5.6	30
81	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. Genes, 2018, 9, 357.	2.4	14
82	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. Nature Communications, 2018, 9, 3432.	12.8	41
83	SF1-Specific AMPKÎ±1 Deletion Protects Against Diet-Induced Obesity. Diabetes, 2018, 67, 2213-2226.	0.6	48
84	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. Journal of Endocrinology, 2018, 238, 177-186.	2.6	25
85	Uroguanylin: a new actor in the energy balance movie. Journal of Molecular Endocrinology, 2018, 60, R31-R38.	2.5	11
86	p53 and energy balance: meeting hypothalamic AgRP neurons. Cell Stress, 2018, 2, 329-331.	3.2	1
87	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. Trends in Neurosciences, 2017, 40, 167-180.	8.6	92
88	GPR55: a new promising target for metabolism?. Journal of Molecular Endocrinology, 2017, 58, R191-R202.	2.5	49
89	Sequential Exposure to Obesogenic Factors in Females Rats: From Physiological Changes to Lipid Metabolism in Liver and Mesenteric Adipose Tissue. Scientific Reports, 2017, 7, 46194.	3.3	9
90	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. Redox Biology, 2017, 12, 854-863.	9.0	74

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91	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	12.8	45
92	GPR55 and the regulation of glucose homeostasis. International Journal of Biochemistry and Cell Biology, 2017, 88, 204-207.	2.8	11
93	Thyroid hormones induce browning of white fat. Journal of Endocrinology, 2017, 232, 351-362.	2.6	126
94	Endocrine-disrupting chemicals and the regulation of energy balance. Nature Reviews Endocrinology, 2017, 13, 536-546.	9.6	152
95	Mitochondrial Dynamics Mediated by Mitofusin 1 Is Required for POMC Neuron Glucose-Sensing and Insulin Release Control. Cell Metabolism, 2017, 25, 1390-1399.e6.	16.2	106
96	Angiopoietin-like protein 8/betatrophin as a new determinant of type 2 diabetes remission after bariatric surgery. Translational Research, 2017, 184, 35-44.e4.	5.0	22
97	Lack of Ovarian Secretions Reverts the Anabolic Action of Olanzapine in Female Rats. International Journal of Neuropsychopharmacology, 2017, 20, 1005-1012.	2.1	16
98	MKK6 controls T3-mediated browning of white adipose tissue. Nature Communications, 2017, 8, 856.	12.8	54
99	The MST3/STK24 kinase mediates impaired fasting blood glucose after a high-fat diet. Diabetologia, 2017, 60, 2453-2462.	6.3	19
100	Hypothalamic pathways regulate the anorectic action of p-chloro-diphenyl diselenide in rats. European Journal of Pharmacology, 2017, 815, 241-250.	3.5	8
101	Obestatin controls skeletal muscle fiber-type determination. Scientific Reports, 2017, 7, 2137.	3.3	9
102	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell Metabolism, 2017, 26, 212-229.e12.	16.2	167
103	Insulinotropic Actions of GLP-1: How Much in the Brain and How Much in the Periphery?. Endocrinology, 2017, 158, 2071-2073.	2.8	2
104	Hypothalamic Lipids: Key Regulators of Whole Body Energy Balance. Neuroendocrinology, 2017, 104, 398-411.	2.5	16
105	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. Diabetes, 2017, 66, 87-99.	0.6	90
106	Mu opioid receptor: from pain to glucose metabolism. Oncotarget, 2017, 8, 5643-5644.	1.8	3
107	Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway. World Journal of Gastroenterology, 2017, 23, 6403-6411.	3.3	8
108	Obesity- and gender-dependent role of endogenous somatostatin and cortistatin in the regulation of endocrine and metabolic homeostasis in mice. Scientific Reports, 2016, 6, 37992.	3.3	12

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109	Serum Adipsin Levels throughout Normal Pregnancy and Preeclampsia. Scientific Reports, 2016, 6, 20073.	3.3	33
110	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. Nature Reviews Endocrinology, 2016, 12, 421-432.	9.6	227
111	Pharmacological and Genetic Manipulation of p53 in Brown Fat at Adult But Not Embryonic Stages Regulates Thermogenesis and Body Weight in Male Mice. Endocrinology, 2016, 157, 2735-2749.	2.8	23
112	Glucagon-Like Peptide 1 Analogs and their Effects on Pancreatic Islets. Trends in Endocrinology and Metabolism, 2016, 27, 304-318.	7.1	47
113	Acute stimulation of brain mu opioid receptors inhibits glucose-stimulated insulin secretion via sympathetic innervation. Neuropharmacology, 2016, 110, 322-332.	4.1	18
114	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. Cell Reports, 2016, 16, 2231-2242.	6.4	102
115	p38Î³ and p38Î´ reprogram liver metabolism by modulating neutrophil infiltration. EMBO Journal, 2016, 35, 536-552.	7.8	61
116	Hypothalamus and thermogenesis: Heating the BAT, browning the WAT. Molecular and Cellular Endocrinology, 2016, 438, 107-115.	3.2	80
117	EndoG Knockout Mice Show Increased Brown Adipocyte Recruitment in White Adipose Tissue and Improved Glucose Homeostasis. Endocrinology, 2016, 157, 3873-3887.	2.8	15
118	Distinct phosphorylation sites on the ghrelin receptor, GHSR1a, establish a code that determines the functions of ÃŸ-arrestins. Scientific Reports, 2016, 6, 22495.	3.3	37
119	Antiobesity efficacy of GLPâ€1 receptor agonist liraglutide is associated with peripheral tissueâ€specific modulation of lipid metabolic regulators. BioFactors, 2016, 42, 600-611.	5.4	33
120	Hypothalamic kappa opioid receptor mediates both dietâ€induced and melanin concentrating hormoneâ€“induced liver damage through inflammation and endoplasmic reticulum stress. Hepatology, 2016, 64, 1086-1104.	7.3	28
121	Contribution of adaptive thermogenesis to the hypothalamic regulation of energy balance. Biochemical Journal, 2016, 473, 4063-4082.	3.7	20
122	Uroguanylin Action in the Brain Reduces Weight Gain in Obese Mice via Different Efferent Autonomic Pathways. Diabetes, 2016, 65, 421-432.	0.6	47
123	Uroguanylin levels in intestine and plasma are regulated by nutritional status in a leptin-dependent manner. European Journal of Nutrition, 2016, 55, 529-536.	3.9	29
124	Serum Galanin Levels in Young Healthy Lean and Obese Non-Diabetic Men during an Oral Glucose Tolerance Test. Scientific Reports, 2016, 6, 31661.	3.3	12
125	Hypothalamic CaMKKÎ² mediates glucagon anorectic effect and its diet-induced resistance. Molecular Metabolism, 2015, 4, 961-970.	6.5	44
126	Maternal Serum Meteorin Levels and the Risk of Preeclampsia. PLoS ONE, 2015, 10, e0131013.	2.5	7

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127	Longitudinal analysis of maternal serum Follistatin concentration in normal pregnancy and preeclampsia. Clinical Endocrinology, 2015, 83, 229-235.	2.4	12
128	What is the real relevance of endogenous ghrelin?. Peptides, 2015, 70, 1-6.	2.4	15
129	Action of Obestatin in Skeletal Muscle Repair: Stem Cell Expansion, Muscle Growth, and Microenvironment Remodeling. Molecular Therapy, 2015, 23, 1003-1021.	8.2	33
130	Ghrelin. Molecular Metabolism, 2015, 4, 437-460.	6.5	810
131	Pregnancy Induces Resistance to the Anorectic Effect of Hypothalamic Malonyl-CoA and the Thermogenic Effect of Hypothalamic AMPK Inhibition in Female Rats. Endocrinology, 2015, 156, 947-960.	2.8	50
132	Hypothalamic GLP-1: the control of BAT thermogenesis and browning of white fat. Adipocyte, 2015, 4, 141-145.	2.8	45
133	Maternal serum omentin-1 profile is similar in humans and in the rat animal model. Cytokine, 2015, 75, 136-141.	3.2	7
134	Hypothalamic-autonomic control of energy homeostasis. Endocrine, 2015, 50, 276-291.	2.3	142
135	Absence of Intracellular Ion Channels TPC1 and TPC2 Leads to Mature-Onset Obesity in Male Mice, Due to Impaired Lipid Availability for Thermogenesis in Brown Adipose Tissue. Endocrinology, 2015, 156, 975-986.	2.8	21
136	Come to Where Insulin Resistance Is, Come to AMPK Country. Cell Metabolism, 2015, 21, 663-665.	16.2	12
137	Acute but not chronic activation of brain glucagonâ€like peptideâ€1 receptors enhances glucoseâ€stimulated insulin secretion in mice. Diabetes, Obesity and Metabolism, 2015, 17, 789-799.	4.4	13
138	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1188-E1196.	3.6	42
139	Lack of Hypophagia in CB1 Null Mice is Associated to Decreased Hypothalamic POMC and CART Expression. International Journal of Neuropsychopharmacology, 2015, 18, pyv011.	2.1	11
140	Endocrine control of energy homeostasis. Molecular and Cellular Endocrinology, 2015, 418, 1-2.	3.2	4
141	The brain and brown fat. Annals of Medicine, 2015, 47, 150-168.	3.8	124
142	Oleoylethanolamide enhances Î²-adrenergic-mediated thermogenesis and white-to-brown adipocyte phenotype in epididymal white adipose tissue in rat. DMM Disease Models and Mechanisms, 2014, 7, 129-41.	2.4	51
143	Central Ceramide-Induced Hypothalamic Lipotoxicity and ER Stress Regulate Energy Balance. Cell Reports, 2014, 9, 366-377.	6.4	195
144	GLP-1: The Oracle for Gastric Bypass?. Diabetes, 2014, 63, 399-401.	0.6	3

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145	Brainâ€derived neurotrophic factor is expressed in rat and human placenta and its serum levels are similarly regulated throughout pregnancy in both species. Clinical Endocrinology, 2014, 81, 141-151.	2.4	43
146	Hypothalamic KLF4 mediates leptin's effects on food intake via AgRP. Molecular Metabolism, 2014, 3, 441-451.	6.5	21
147	Nicotine Improves Obesity and Hepatic Steatosis and ER Stress in Diet-Induced Obese Male Rats. Endocrinology, 2014, 155, 1679-1689.	2.8	79
148	GLP-1 Agonism Stimulates Brown Adipose Tissue Thermogenesis and Browning Through Hypothalamic AMPK. Diabetes, 2014, 63, 3346-3358.	0.6	422
149	Hypothalamic mTOR: The Rookie Energy Sensor. Current Molecular Medicine, 2014, 14, 3-21.	1.3	82
150	Cross-talk between SIRT1 and endocrine factors: effects on energy homeostasis. Molecular and Cellular Endocrinology, 2014, 397, 42-50.	3.2	21
151	Regulation of GPR55 in rat white adipose tissue and serum LPI by nutritional status, gestation, gender and pituitary factors. Molecular and Cellular Endocrinology, 2014, 383, 159-169.	3.2	27
152	Hypothalamic effects of thyroid hormones on metabolism. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 703-712.	4.7	47
153	Irisin Levels During Pregnancy and Changes Associated With the Development of Preeclampsia. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2113-2119.	3.6	73
154	Estradiol Regulates Brown Adipose Tissue Thermogenesis via Hypothalamic AMPK. Cell Metabolism, 2014, 20, 41-53.	16.2	342
155	Regulation of NucB2/Nesfatin-1 throughout rat pregnancy. Physiology and Behavior, 2014, 133, 216-222.	2.1	16
156	Regulation of NR4A by nutritional status, gender, postnatal development and hormonal deficiency. Scientific Reports, 2014, 4, 4264.	3.3	29
157	Review of Novel Aspects of the Regulation of Ghrelin Secretion. Current Drug Metabolism, 2014, 15, 398-413.	1.2	26
158	The Central Nervous System in Metabolic Syndrome. , 2014, , 137-156.		0
159	Chronic Sympathoexcitation through Loss of Vav3, a Rac1 Activator, Results in Divergent Effects on Metabolic Syndrome and Obesity Depending on Diet. Cell Metabolism, 2013, 18, 199-211.	16.2	24
160	Mitofusin 2 in POMC Neurons Connects ER Stress with Leptin Resistance and Energy Imbalance. Cell, 2013, 155, 172-187.	28.9	429
161	Serum chemerin levels during normal human pregnancy. Peptides, 2013, 42, 138-143.	2.4	45
162	Central manipulation of dopamine receptors attenuates the orexigenic action of ghrelin. Psychopharmacology, 2013, 229, 275-283.	3.1	18

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163	Hypothalamic Î¹-Opioid Receptor Modulates the Orexigenic Effect of Ghrelin. Neuropsychopharmacology, 2013, 38, 1296-1307.	5.4	40
164	Energy balance regulation by thyroid hormones at central level. Trends in Molecular Medicine, 2013, 19, 418-427.	6.7	164
165	Central Melanin-Concentrating Hormone Influences Liver and Adipose Metabolism Via Specific Hypothalamic Nuclei and Efferent Autonomic/JNK1 Pathways. Gastroenterology, 2013, 144, 636-649.e6.	1.3	79
166	Ghrelin Requires p53 to Stimulate Lipid Storage in Fat and Liver. Endocrinology, 2013, 154, 3671-3679.	2.8	56
167	The Orexigenic Effect of Orexin-A Revisited: Dependence of an Intact Growth Hormone Axis. Endocrinology, 2013, 154, 3589-3598.	2.8	11
168	Firing Up Brown Fat with Brain Amylin. Endocrinology, 2013, 154, 2263-2265.	2.8	4
169	The Brain: A New Organ for the Metabolic Actions of SIRT1. Hormone and Metabolic Research, 2013, 45, 960-966.	1.5	9
170	Ghrelin. , 2013, , 1104-1110.		2
171	Female Nur77-Deficient Mice Show Increased Susceptibility to Diet-Induced Obesity. PLoS ONE, 2013, 8, e53836.	2.5	37
172	Heterozygous Deficiency of Endoglin Decreases Insulin and Hepatic Triglyceride Levels during High Fat Diet. PLoS ONE, 2013, 8, e54591.	2.5	11
173	The Opioid System and Food Intake: Homeostatic and Hedonic Mechanisms. Obesity Facts, 2012, 5, 196-207.	3.4	116
174	Nicotine Induces Negative Energy Balance Through Hypothalamic AMP-Activated Protein Kinase. Diabetes, 2012, 61, 807-817.	0.6	147
175	The<scp>l</scp>-Î±-Lysophosphatidylinositol/GPR55System and Its Potential Role in Human Obesity. Diabetes, 2012, 61, 281-291.	0.6	134
176	The Obestatin/GPR39 System Is Up-regulated by Muscle Injury and Functions as an Autocrine Regenerative System. Journal of Biological Chemistry, 2012, 287, 38379-38389.	3.4	30
177	Our evolving understanding of the interaction between leptin and dopamine system to regulate ingestive behaviors. Molecular Metabolism, 2012, 1, 8-9.	6.5	2
178	Sirtuin 1 and Sirtuin 3: Physiological Modulators of Metabolism. Physiological Reviews, 2012, 92, 1479-1514.	28.8	551
179	Mice lacking Î´â€opioid receptors resist the development of dietâ€induced obesity. FASEB Journal, 2012, 26, 3483-3492.	0.5	61
180	Hypothalamic mTOR Signaling Mediates the Orexigenic Action of Ghrelin. PLoS ONE, 2012, 7, e46923.	2.5	101

#	Article	IF	Citations
181	Hypothalamic mTOR pathway mediates thyroid hormoneâ€induced hyperphagia in hyperthyroidism. Journal of Pathology, 2012, 227, 209-222.	4.5	93
182	Hyperthyroidism differentially regulates neuropeptide S system in the rat brain. Brain Research, 2012, 1450, 40-48.	2.2	14
183	Regulation of lipin1 by nutritional status, adiponectin, sex and pituitary function in rat white adipose tissue. Physiology and Behavior, 2012, 105, 777-783.	2.1	13
184	The HPA axis modulates the CNS melanocortin control of liver triacylglyceride metabolism. Physiology and Behavior, 2012, 105, 791-799.	2.1	16
185	Expression and regulation of chemerin during rat pregnancy. Placenta, 2012, 33, 373-378.	1.5	50
186	The atypical cannabinoid Oâ€1602 stimulates food intake and adiposity in rats. Diabetes, Obesity and Metabolism, 2012, 14, 234-243.	4.4	39
187	Ghrelin and lipid metabolism: key partners in energy balance. Journal of Molecular Endocrinology, 2011, 46, R43-63.	2.5	65
188	Ghrelin, peptide YY and their hypothalamic targets differentially regulate spontaneous physical activity. Physiology and Behavior, 2011, 105, 52-61.	2.1	31
189	Decreased glucose tolerance and plasma adiponectin:resistin ratio in a mouse model of post-traumatic stress disorder. Diabetologia, 2011, 54, 900-909.	6.3	21
190	A role for the putative cannabinoid receptor GPR55 in the islets of Langerhans. Journal of Endocrinology, 2011, 211, 177-185.	2.6	104
191	The SHP-1 protein tyrosine phosphatase negatively modulates Akt signaling in the ghrelin/GHSR1a system. Molecular Biology of the Cell, 2011, 22, 4182-4191.	2.1	40
192	Preproghrelin expression is a key target for insulin action on adipogenesis. Journal of Endocrinology, 2011, 210, R1-R7.	2.6	22
193	The Central Sirtuin 1/p53 Pathway Is Essential for the Orexigenic Action of Ghrelin. Diabetes, 2011, 60, 1177-1185.	0.6	133
194	Leptin and Fasting Regulate Rat Gastric Glucose-Regulated Protein 58. International Journal of Peptides, 2011, 2011, 1-11.	0.7	5
195	Hypothalamic Control of Lipid Metabolism: Focus on Leptin, Ghrelin and Melanocortins. Neuroendocrinology, 2011, 94, 1-11.	2.5	90
196	Olanzapine-Induced Hyperphagia and Weight Gain Associate with Orexigenic Hypothalamic Neuropeptide Signaling without Concomitant AMPK Phosphorylation. PLoS ONE, 2011, 6, e20571.	2.5	101
197	Orexins (hypocretins) actions on the GHRH/somatostatinâ€GH axis. Acta Physiologica, 2010, 198, 325-334.	3.8	31
198	Action Profile of the Antiobesity Drug Candidate Oleoylâ€Estrone in Rats. Obesity, 2010, 18, 2260-2267.	3.0	6

#	Article	IF	Citations
199	A functional role for the p62â€“ERK1 axis in the control of energy homeostasis and adipogenesis. EMBO Reports, 2010, 11, 226-232.	4.5	97
200	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. Nature Medicine, 2010, 16, 1001-1008.	30.7	581
201	Melanocortin signaling in the CNS directly regulates circulating cholesterol. Nature Neuroscience, 2010, 13, 877-882.	14.8	86
202	Regulation of lipid metabolism by energy availability: a role for the central nervous system. Obesity Reviews, 2010, 11, 185-201.	6.5	50
203	GOAT: the master switch for the ghrelin system?. European Journal of Endocrinology, 2010, 163, 1-8.	3.7	73
204	Central nervous system melanocortinâ€3 receptors are required for synchronizing metabolism during entrainment to restricted feeding during the light cycle. FASEB Journal, 2010, 24, 862-872.	0.5	43
205	Îºâ€Opioid receptors control the metabolic response to a highâ€energy diet in mice. FASEB Journal, 2010, 24, 1151-1159.	0.5	78
206	Ghrelin effects on neuropeptides in the rat hypothalamus depend on fatty acid metabolism actions on BSX but not on gender. FASEB Journal, 2010, 24, 2670-2679.	0.5	108
207	New Insights in Ghrelin Orexigenic Effect. Frontiers of Hormone Research, 2010, 38, 196-205.	1.0	21
208	Ghrelin: New Molecular Pathways Modulating Appetite and Adiposity. Obesity Facts, 2010, 3, 3-3.	3.4	25
209	Central GLP-1 Actions on Energy Metabolism. Vitamins and Hormones, 2010, 84, 303-317.	1.7	9
210	CNS Leptin Action Modulates Immune Response and Survival in Sepsis. Journal of Neuroscience, 2010, 30, 6036-6047.	3.6	86
211	Hypothalamic lipotoxicity and the metabolic syndrome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 350-361.	2.4	60
212	PKCÎ¶-Regulated Inflammation in the Nonhematopoietic Compartment Is Critical for Obesity-Induced Glucose Intolerance. Cell Metabolism, 2010, 12, 65-77.	16.2	26
213	Adiponectin receptor 2 is regulated by nutritional status, leptin and pregnancy in a tissue-specific manner. Physiology and Behavior, 2010, 99, 91-99.	2.1	18
214	Gastrointestinal Signals: Stimulation. , 2009, , 577-581.		0
215	Direct Control of Peripheral Lipid Deposition by CNS GLP-1 Receptor Signaling Is Mediated by the Sympathetic Nervous System and Blunted in Diet-Induced Obesity. Journal of Neuroscience, 2009, 29, 5916-5925.	3.6	144
216	The Cannabinoid Receptor 2 Is Critical for the Host Response to Sepsis. Journal of Immunology, 2009, 183, 499-505.	0.8	113

#	Article	IF	Citations
217	Metabolic effects of diets differing in glycaemic index depend on age and endogenous glucose-dependent insulinotrophic polypeptide in mice. Diabetologia, 2009, 52, 2159-2168.	6.3	32
218	Regulation of visceral adipose tissueâ€derived serine protease inhibitor by nutritional status, metformin, gender and pituitary factors in rat white adipose tissue. Journal of Physiology, 2009, 587, 3741-3750.	2.9	51
219	Leptin receptor gene expression and number in the brain are regulated by leptin level and nutritional status. Journal of Physiology, 2009, 587, 3573-3585.	2.9	61
220	A new glucagon and GLP-1 co-agonist eliminates obesity in rodents. Nature Chemical Biology, 2009, 5, 749-757.	8.0	512
221	Central Ghrelin Regulates Peripheral Lipid Metabolism in a Growth Hormone-Independent Fashion. Endocrinology, 2009, 150, 4562-4574.	2.8	94
222	The endocannabinoid system: Role in glucose and energy metabolism. Pharmacological Research, 2009, 60, 93-98.	7.1	56
223	Resistin: Regulation of Food Intake, Glucose Homeostasis and Lipid Metabolism. Endocrine Development, 2009, 17, 175-184.	1.3	34
224	Vaspin and amylin are expressed in human and rat placenta and regulated by nutritional status. Histology and Histopathology, 2009, 24, 979-90.	0.7	35
225	Central Nervous System Regulation of Energy Metabolism. Annals of the New York Academy of Sciences, 2008, 1126, 14-19.	3.8	105
226	The Endocannabinoid System and the Control of Glucose Homeostasis. Journal of Neuroendocrinology, 2008, 20, 147-151.	2.6	23
227	Central nervous system regulation of adipocyte metabolism. Regulatory Peptides, 2008, 149, 26-31.	1.9	19
228	The Melanocortin-3 Receptor Is Required for Entrainment to Meal Intake. Journal of Neuroscience, 2008, 28, 12946-12955.	3.6	120
229	GOAT: A Stomach Enzyme That Whets Our Appetite. Obesity Facts, 2008, 1, 123-126.	3.4	0
230	Peripheral, but Not Central, CB1 Antagonism Provides Food Intakeâ€“Independent Metabolic Benefits in Diet-Induced Obese Rats. Diabetes, 2008, 57, 2977-2991.	0.6	145
231	Deficiency of glucose-dependent insulinotropic polypeptide receptor prevents ovariectomy-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E350-E355.	3.5	42
232	Novel Expression and Direct Effects of Adiponectin in the Rat Testis. Endocrinology, 2008, 149, 3390-3402.	2.8	122
233	Long-term effects of ghrelin and ghrelin receptor agonists on energy balance in rats. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E78-E84.	3.5	60
234	Bsx, a Novel Hypothalamic Factor Linking Feeding with Locomotor Activity, Is Regulated by Energy Availability. Endocrinology, 2008, 149, 3009-3015.	2.8	52

#	Article	IF	Citations
235	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. Endocrinology, 2008, 149, 4534-4543.	2.8	102
236	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. Endocrinology, 2007, 148, 21-26.	2.8	228
237	Ghrelin, obesity and diabetes. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 705-712.	2.8	94
238	Perinatal overfeeding in rats results in increased levels of plasma leptin but unchanged cerebrospinal leptin in adulthood. International Journal of Obesity, 2007, 31, 371-377.	3.4	45
239	The Role of the Gastrointestinal Hormones Ghrelin, Peptide YY, and Glucagon-like Peptide-1 in the Regulation of Energy Balance. , 2007, , 107-123.		0
240	The central melanocortin system directly controls peripheral lipid metabolism. Journal of Clinical Investigation, 2007, 117, 3475-3488.	8.2	341
241	Gastrointestinal signalling peptides in obesity. Drug Discovery Today Disease Mechanisms, 2006, 3, 463-470.	0.8	3
242	Growth Hormone Secretagogue (Ghrelin-) Receptors - A Complex Drug Target for the Regulation of Body Weight. CNS and Neurological Disorders - Drug Targets, 2006, 5, 335-343.	1.4	24
243	Novel role of 26RFa, a hypothalamic RFamide orexigenic peptide, as putative regulator of the gonadotropic axis. Journal of Physiology, 2006, 573, 237-249.	2.9	71
244	Gut Hormones Ghrelin, PYY, and GLP-1 in the Regulation of Energy, Balance, and Metabolism. Endocrine, 2006, 29, 61-72.	2.2	25
245	Ghrelin localization in rat and human thyroid and parathyroid glands and tumours. Histochemistry and Cell Biology, 2006, 125, 239-246.	1.7	42
246	Circulating hormones and hypothalamic energy balance: regulatory gene expression in the Lou/C and Wistar rats. Journal of Endocrinology, 2006, 190, 571-579.	2.6	13
247	Negative energy balance and leptin regulate neuromedin-U expression in the rat pars tuberalis. Journal of Endocrinology, 2006, 190, 545-553.	2.6	16
248	Ghrelin action in the brain controls adipocyte metabolism. Journal of Clinical Investigation, 2006, 116, 1983-1993.	8.2	397
249	Ghrelin and Ingestive Behavior. , 2006, , 953-960.		0
250	Regulation of Peroxisome Proliferator Activated Receptor-gamma in Rat Pituitary. Journal of Neuroendocrinology, 2005, 17, 292-297.	2.6	11
251	Ghrelin plasmatic levels in patients with fibromyalgia. Rheumatology International, 2005, 25, 6-8.	3.0	7
252	A possible role of neuropeptide Y, agouti-related protein and leptin receptor isoforms in hypothalamic programming by perinatal feeding in the rat. Diabetologia, 2005, 48, 140-148.	6.3	101

#	Article	IF	Citations
253	Central administration of resistin promotes short-term satiety in rats. European Journal of Endocrinology, 2005, 153, R1-R5.	3.7	93
254	Characterization of the Potent Luteinizing Hormone-Releasing Activity of KiSS-1 Peptide, the Natural Ligand of GPR54. Endocrinology, 2005, 146, 156-163.	2.8	412
255	BIOMEDICINE: Separation of Conjoined Hormones Yields Appetite Rivals. Science, 2005, 310, 985-986.	12.6	42
256	Sensing the fat: Fatty acid metabolism in the hypothalamus and the melanocortin system. Peptides, 2005, 26, 1753-1758.	2.4	51
257	Changes in Hypothalamic KiSS-1 System and Restoration of Pubertal Activation of the Reproductive Axis by Kisspeptin in Undernutrition. Endocrinology, 2005, 146, 3917-3925.	2.8	475
258	Expression and Regulation of Adiponectin and Receptor in Human and Rat Placenta. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4276-4286.	3.6	203
259	Novel expression of resistin in rat testis: functional role and regulation by nutritional status and hormonal factors. Journal of Cell Science, 2004, 117, 3247-3257.	2.0	99
260	Regulation of Growth Hormone Secretagogue Receptor Gene Expression in the Arcuate Nuclei of the Rat by Leptin and Ghrelin. Diabetes, 2004, 53, 2552-2558.	0.6	122
261	Orexin-A regulates growth hormone-releasing hormone mRNA content in a nucleus-specific manner and somatostatin mRNA content in a growth hormone-dependent fashion in the rat hypothalamus. European Journal of Neuroscience, 2004, 19, 2080-2088.	2.6	44
262	Regulation of Peptide YY Levels by Age, Hormonal, and Nutritional Status. Obesity, 2004, 12, 1944-1950.	4.0	40
263	Dual action of adiponectin on insulin secretion in insulin-resistant mice. Biochemical and Biophysical Research Communications, 2004, 321, 154-160.	2.1	76
264	Regulation of Resistin by Gonadal, Thyroid Hormone, and Nutritional Status. Obesity, 2003, 11, 408-414.	4.0	94
265	Resistin is expressed in different rat tissues and is regulated in a tissueâ€•and genderâ€specific manner. FEBS Letters, 2003, 548, 21-27.	2.8	83
266	Expression of Ghrelin in the Cyclic and Pregnant Rat Ovary. Endocrinology, 2003, 144, 1594-1602.	2.8	155
267	Chronic inflammation modulates ghrelin levels in humans and rats. British Journal of Rheumatology, 2003, 43, 306-310.	2.3	70
268	Cellular Distribution and Regulation of Ghrelin Messenger Ribonucleic Acid in the Rat Pituitary Gland. Endocrinology, 2003, 144, 5089-5097.	2.8	53
269	Regulation of PRL release by cytokines and immunomodifiers: Interrelationships between leptin and prolactin secretion. Functional implications. NeuroImmune Biology, 2002, 2, 137-146.	0.2	0
270	Effect of Food Restriction on Ghrelin in Normalâ€Cycling Female Rats and in Pregnancy. Obesity, 2002, 10, 682-687.	4.0	83

#	Article	IF	Citations
271	Regulation of Body Weight Homeostasis During Pregnancy and Lactation. Research and Perspectives in Endocrine Interactions, 2002, , 91-98.	0.2	0