

Carlos Dieguez

List of Publications by Year in descending order

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368
papers

24,322
citations

5261

83
h-index

11601

135
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372
all docs

372
docs citations

372
times ranked

21438
citing authors

#	ARTICLE	IF	CITATIONS
1	Kisspeptins and Reproduction: Physiological Roles and Regulatory Mechanisms. <i>Physiological Reviews</i> , 2012, 92, 1235-1316.	13.1	635
2	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. <i>Nature Medicine</i> , 2010, 16, 1001-1008.	15.2	581
3	AMPK: a metabolic gauge regulating whole-body energy homeostasis. <i>Trends in Molecular Medicine</i> , 2008, 14, 539-549.	3.5	465
4	Adipokines as emerging mediators of immune response and inflammation. <i>Nature Clinical Practice Rheumatology</i> , 2007, 3, 716-724.	3.2	457
5	“Eating addiction”, rather than “food addiction”, better captures addictive-like eating behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 295-306.	2.9	430
6	GLP-1 Agonism Stimulates Brown Adipose Tissue Thermogenesis and Browning Through Hypothalamic AMPK. <i>Diabetes</i> , 2014, 63, 3346-3358.	0.3	422
7	Hypothalamic Fatty Acid Metabolism Mediates the Orexigenic Action of Ghrelin. <i>Cell Metabolism</i> , 2008, 7, 389-399.	7.2	417
8	Serum Leptin Levels in Normal Children: Relationship to Age, Gender, Body Mass Index, Pituitary-Gonadal Hormones, and Pubertal Stage ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 2849-2855.	1.8	390
9	Neuroendocrine Regulation and Actions of Leptin. <i>Frontiers in Neuroendocrinology</i> , 1999, 20, 317-363.	2.5	345
10	Estradiol Regulates Brown Adipose Tissue Thermogenesis via Hypothalamic AMPK. <i>Cell Metabolism</i> , 2014, 20, 41-53.	7.2	342
11	Leptin, from fat to inflammation: old questions and new insights. <i>FEBS Letters</i> , 2005, 579, 295-301.	1.3	337
12	Ghrelin, A Novel Placental-Derived Hormone ¹ . <i>Endocrinology</i> , 2001, 142, 788-794.	1.4	336
13	The emerging role of adipokines as mediators of inflammation and immune responses. <i>Cytokine and Growth Factor Reviews</i> , 2007, 18, 313-325.	3.2	316
14	Synthesis of Leptin in Human Placenta. <i>Endocrinology</i> , 1997, 138, 4501-4504.	1.4	305
15	New frontiers in kisspeptin/GPR54 physiology as fundamental gatekeepers of reproductive function. <i>Frontiers in Neuroendocrinology</i> , 2008, 29, 48-69.	2.5	287
16	Adiponectin is synthesized and secreted by human and murine cardiomyocytes. <i>FEBS Letters</i> , 2005, 579, 5163-5169.	1.3	282
17	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. <i>Endocrinology</i> , 2007, 148, 21-26.	1.4	228
18	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. <i>Nature Reviews Endocrinology</i> , 2016, 12, 421-432.	4.3	227

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19	Expression of Hypothalamic KiSS-1 System and Rescue of Defective Gonadotropic Responses by Kisspeptin in Streptozotocin-Induced Diabetic Male Rats. <i>Diabetes</i> , 2006, 55, 2602-2610.	0.3	217
20	Agouti-Related Peptide, Neuropeptide Y, and Somatostatin-Producing Neurons Are Targets for Ghrelin Actions in the Rat Hypothalamus. <i>Endocrinology</i> , 2003, 144, 544-551.	1.4	209
21	Expression and Regulation of Adiponectin and Receptor in Human and Rat Placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4276-4286.	1.8	203
22	Gender Differences in Both Spontaneous and Stimulated Leptin Secretion by Human Omental Adipose Tissue in Vitro: Dexamethasone and Estradiol Stimulate Leptin Release in Women, But Not in Men1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2149-2155.	1.8	198
23	Central Ceramide-Induced Hypothalamic Lipotoxicity and ER Stress Regulate Energy Balance. <i>Cell Reports</i> , 2014, 9, 366-377.	2.9	195
24	Resveratrol supplementation: Where are we now and where should we go?. <i>Ageing Research Reviews</i> , 2015, 21, 1-15.	5.0	193
25	Regulation of Pituitary Cell Function by Adiponectin. <i>Endocrinology</i> , 2007, 148, 401-410.	1.4	185
26	Leptin Regulation of Prepro-orexin and Orexin Receptor mRNA Levels in the Hypothalamus. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 41-45.	1.0	179
27	GH-releasing hormone and GH-releasing peptide-6 for diagnostic testing in GH-deficient adults. <i>Lancet</i> , The, 2000, 356, 1137-1142.	6.3	177
28	Prevalence of hypopituitarism and growth hormone deficiency in adults long-term after severe traumatic brain injury. <i>Clinical Endocrinology</i> , 2005, 62, 525-532.	1.2	173
29	Adipokines as novel modulators of lipid metabolism. <i>Trends in Biochemical Sciences</i> , 2009, 34, 500-510.	3.7	173
30	Early Metabolic Programming of Puberty Onset: Impact of Changes in Postnatal Feeding and Rearing Conditions on the Timing of Puberty and Development of the Hypothalamic Kisspeptin System. <i>Endocrinology</i> , 2011, 152, 3396-3408.	1.4	169
31	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. <i>Cell Metabolism</i> , 2017, 26, 212-229.e12.	7.2	167
32	Energy balance regulation by thyroid hormones at central level. <i>Trends in Molecular Medicine</i> , 2013, 19, 418-427.	3.5	164
33	A GRFa2/Prop1/Stem (GPS) Cell Niche in the Pituitary. <i>PLoS ONE</i> , 2009, 4, e4815.	1.1	158
34	Dopaminergic tone and obesity: an insight from prolactinomas treated with bromocriptine. <i>European Journal of Endocrinology</i> , 2002, 147, 77-84.	1.9	148
35	Nicotine Induces Negative Energy Balance Through Hypothalamic AMP-Activated Protein Kinase. <i>Diabetes</i> , 2012, 61, 807-817.	0.3	147
36	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. <i>Journal of Neuroscience</i> , 2009, 29, 5916-5925.	1.7	144

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37	Tamoxifen-Induced Anorexia Is Associated With Fatty Acid Synthase Inhibition in the Ventromedial Nucleus of the Hypothalamus and Accumulation of Malonyl-CoA. <i>Diabetes</i> , 2006, 55, 1327-1336.	0.3	143
38	Influence of Endogenous Leptin Tone on the Estrous Cycle and Luteinizing Hormone Pulsatility in Female Rats. <i>Neuroendocrinology</i> , 1997, 66, 375-377.	1.2	142
39	Hypothalamic-autonomic control of energy homeostasis. <i>Endocrine</i> , 2015, 50, 276-291.	1.1	142
40	Growth Hormone Secretagogues: Physiological Role and Clinical Utility. <i>Trends in Endocrinology and Metabolism</i> , 1999, 10, 30-38.	3.1	141
41	Growth hormone releasing peptide (ghrelin) is synthesized and secreted by cardiomyocytes. <i>Cardiovascular Research</i> , 2004, 62, 481-488.	1.8	139
42	Acute Administration of Corticoids: A New and Peculiar Stimulus of Growth Hormone Secretion in Man*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 234-237.	1.8	136
43	The α -Lysophosphatidylinositol GPR55 System and Its Potential Role in Human Obesity. <i>Diabetes</i> , 2012, 61, 281-291.	0.3	134
44	The Central Sirtuin 1/p53 Pathway Is Essential for the Orexigenic Action of Ghrelin. <i>Diabetes</i> , 2011, 60, 1177-1185.	0.3	133
45	Ghrelin, a widespread hormone: insights into molecular and cellular regulation of its expression and mechanism of action. <i>FEBS Letters</i> , 2003, 552, 105-109.	1.3	129
46	Ghrelin, A Novel Placental-Derived Hormone*This work was supported by grants from Xunta de Galicia: PGIDT99PXI20802B, PGIDT99PXI20806B, and Fondo de Investigación Sanitaria, Spanish Ministry of Health, and DGCYT.. , 0, .		129
47	The Anorexigenic Neuropeptide, Nesfatin-1, Is Indispensable for Normal Puberty Onset in the Female Rat. <i>Journal of Neuroscience</i> , 2010, 30, 7783-7792.	1.7	126
48	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017, 232, 351-362.	1.2	126
49	The brain and brown fat. <i>Annals of Medicine</i> , 2015, 47, 150-168.	1.5	124
50	Food Addiction in a Spanish Sample of Eating Disorders: DSM-5 Diagnostic Subtype Differentiation and Validation Data. <i>European Eating Disorders Review</i> , 2014, 22, 389-396.	2.3	123
51	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. <i>Molecular Metabolism</i> , 2016, 5, 844-857.	3.0	123
52	Gestational Profile of Leptin Messenger Ribonucleic Acid (mRNA) Content in the Placenta and Adipose Tissue in the Rat, and Regulation of the mRNA Levels of the Leptin Receptor Subtypes in the Hypothalamus During Pregnancy and Lactation1. <i>Biology of Reproduction</i> , 2000, 62, 698-703.	1.2	122
53	Regulation of Growth Hormone Secretagogue Receptor Gene Expression in the Arcuate Nuclei of the Rat by Leptin and Ghrelin. <i>Diabetes</i> , 2004, 53, 2552-2558.	0.3	122
54	Elevated serum leptin concentrations induced by experimental acute inflammation. <i>Life Sciences</i> , 2000, 67, 2433-2441.	2.0	116

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55	The Opioid System and Food Intake: Homeostatic and Hedonic Mechanisms. <i>Obesity Facts</i> , 2012, 5, 196-207.	1.6	116
56	Metformin: A Hopeful Promise in Aging Research. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a025932.	2.9	116
57	Cholinergic Receptor Activation by Pyridostigmine Restores Growth Hormone (GH) Responsiveness to GH Releasing Hormone Administration in Obese Subjects: Evidence for Hypothalamic Somatostatinergic Participation in the Blunted GH Release of Obesity*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 68, 290-293.	1.8	115
58	Dual and Selective Actions of Glucocorticoids upon Basal and Stimulated Growth Hormone Release in Man. <i>Neuroendocrinology</i> , 1990, 51, 51-58.	1.2	108
59	Effect of Central Cholinergic Neurotransmission Enhancement by Pyridostigmine on the Growth Hormone Secretion Elicited by Clonidine, Arginine, or Hypoglycemia in Normal and Obese Subjects*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 1361-1370.	1.8	108
60	Ghrelin effects on neuropeptides in the rat hypothalamus depend on fatty acid metabolism actions on BSX but not on gender. <i>FASEB Journal</i> , 2010, 24, 2670-2679.	0.2	108
61	Expanding the adipokine network in cartilage: identification and regulation of novel factors in human and murine chondrocytes. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 551-559.	0.5	108
62	A role for the putative cannabinoid receptor GPR55 in the islets of Langerhans. <i>Journal of Endocrinology</i> , 2011, 211, 177-185.	1.2	104
63	Serum leptin concentrations in patients with anorexia nervosa, bulimia nervosa and non-specific eating disorders correlate with the body mass index but are independent of the respective disease. <i>Clinical Endocrinology</i> , 1997, 46, 289-293.	1.2	103
64	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. <i>Endocrinology</i> , 2008, 149, 4534-4543.	1.4	102
65	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. <i>Cell Reports</i> , 2016, 16, 2231-2242.	2.9	102
66	Hypothalamic mTOR Signaling Mediates the Orexigenic Action of Ghrelin. <i>PLoS ONE</i> , 2012, 7, e46923.	1.1	101
67	Olanzapine-Induced Hyperphagia and Weight Gain Associate with Orexigenic Hypothalamic Neuropeptide Signaling without Concomitant AMPK Phosphorylation. <i>PLoS ONE</i> , 2011, 6, e20571.	1.1	101
68	Dopamine Receptors on Intact Anterior Pituitary Cells in Culture: Functional Association with the Inhibition of Prolactin and Thyrotropin*. <i>Endocrinology</i> , 1983, 112, 1567-1577.	1.4	100
69	Influence of metabolic substrates and obesity on growth hormone secretion. <i>Trends in Endocrinology and Metabolism</i> , 1995, 6, 55-59.	3.1	100
70	Novel expression of resistin in rat testis: functional role and regulation by nutritional status and hormonal factors. <i>Journal of Cell Science</i> , 2004, 117, 3247-3257.	1.2	99
71	Role of ghrelin in reproduction. <i>Reproduction</i> , 2007, 133, 531-540.	1.1	99
72	Regulation of in vivo TSH secretion by leptin. <i>Regulatory Peptides</i> , 2000, 92, 25-29.	1.9	98

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73	Essential role of UCP1 modulating the central effects of thyroid hormones on energy balance. <i>Molecular Metabolism</i> , 2016, 5, 271-282.	3.0	96
74	Regulation of Resistin by Gonadal, Thyroid Hormone, and Nutritional Status. <i>Obesity</i> , 2003, 11, 408-414.	4.0	94
75	Central Ghrelin Regulates Peripheral Lipid Metabolism in a Growth Hormone-Independent Fashion. <i>Endocrinology</i> , 2009, 150, 4562-4574.	1.4	94
76	Irisin, Two Years Later. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	0.6	94
77	Central administration of resistin promotes short-term satiety in rats. <i>European Journal of Endocrinology</i> , 2005, 153, R1-R5.	1.9	93
78	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. <i>Journal of Pathology</i> , 2012, 227, 209-222.	2.1	93
79	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. <i>Trends in Neurosciences</i> , 2017, 40, 167-180.	4.2	92
80	Circulating and cerebrospinal fluid ghrelin and leptin: potential role in altered body weight in Huntington's disease. <i>European Journal of Endocrinology</i> , 2004, 151, 451-455.	1.9	91
81	Hypothalamic Control of Lipid Metabolism: Focus on Leptin, Ghrelin and Melanocortins. <i>Neuroendocrinology</i> , 2011, 94, 1-11.	1.2	90
82	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. <i>Diabetes</i> , 2017, 66, 87-99.	0.3	90
83	Exendin-4 Potently Decreases Ghrelin Levels in Fasting Rats. <i>Diabetes</i> , 2007, 56, 143-151.	0.3	89
84	Serum Leptin Levels in Male Marathon Athletes before and after the Marathon Run1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2376-2379.	1.8	88
85	Serum leptin levels in women throughout pregnancy and the postpartum period and in women suffering spontaneous abortion. <i>Clinical Endocrinology</i> , 1999, 50, 211-216.	1.2	86
86	Effect of Food Restriction on Ghrelin in Normal-Cycling Female Rats and in Pregnancy. <i>Obesity</i> , 2002, 10, 682-687.	4.0	83
87	Resistin is expressed in different rat tissues and is regulated in a tissue- and gender-specific manner. <i>FEBS Letters</i> , 2003, 548, 21-27.	1.3	83
88	Adipokines in the skeleton: influence on cartilage function and joint degenerative diseases. <i>Journal of Molecular Endocrinology</i> , 2009, 43, 11-18.	1.1	83
89	Hypothalamic Ceramide Levels Regulated by CPT1C Mediate the Orexigenic Effect of Ghrelin. <i>Diabetes</i> , 2013, 62, 2329-2337.	0.3	82
90	Des-Acyl Ghrelin Has Specific Binding Sites and Different Metabolic Effects from Ghrelin in Cardiomyocytes. <i>Endocrinology</i> , 2010, 151, 3286-3298.	1.4	81

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91	Hypothalamus and thermogenesis: Heating the BAT, browning the WAT. <i>Molecular and Cellular Endocrinology</i> , 2016, 438, 107-115.	1.6	80
92	Central Melanin-Concentrating Hormone Influences Liver and Adipose Metabolism Via Specific Hypothalamic Nuclei and Efferent Autonomic/JNK1 Pathways. <i>Gastroenterology</i> , 2013, 144, 636-649.e6.	0.6	79
93	Nicotine Improves Obesity and Hepatic Steatosis and ER Stress in Diet-Induced Obese Male Rats. <i>Endocrinology</i> , 2014, 155, 1679-1689.	1.4	79
94	Evidence for a Direct Pituitary Inhibition by Free Fatty Acids of in vivo Growth Hormone Responses to Growth Hormone-Releasing Hormone in the Rat. <i>Neuroendocrinology</i> , 1991, 53, 185-189.	1.2	78
95	The GH-releasing effect of ghrelin, a natural GH secretagogue, is only blunted by the infusion of exogenous somatostatin in humans. <i>Clinical Endocrinology</i> , 2002, 56, 643-648.	1.2	77
96	Dual action of adiponectin on insulin secretion in insulin-resistant mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 154-160.	1.0	76
97	Peripheral tissue-brain interactions in the regulation of food intake. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 131-155.	0.4	74
98	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. <i>Redox Biology</i> , 2017, 12, 854-863.	3.9	74
99	The dependence receptor Ret induces apoptosis in somatotrophs through a Pit-1/p53 pathway, preventing tumor growth. <i>EMBO Journal</i> , 2007, 26, 2015-2028.	3.5	73
100	Cross-talk between orexins (hypocretins) and the neuroendocrine axes (hypothalamic-pituitary axes). <i>Frontiers in Neuroendocrinology</i> , 2010, 31, 113-127.	2.5	73
101	Irisin Levels During Pregnancy and Changes Associated With the Development of Preeclampsia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2113-2119.	1.8	73
102	Influence of chronic undernutrition and leptin on GOAT mRNA levels in rat stomach mucosa. <i>Journal of Molecular Endocrinology</i> , 2008, 41, 415-421.	1.1	72
103	Validation of the Spanish Version of the Yale Food Addiction Scale 2.0 (YFAS 2.0) and Clinical Correlates in a Sample of Eating Disorder, Gambling Disorder, and Healthy Control Participants. <i>Frontiers in Psychiatry</i> , 2018, 9, 208.	1.3	72
104	Vitamin D receptor gene expression in human pituitary gland. <i>Life Sciences</i> , 1996, 60, 35-42.	2.0	71
105	Olanzapine, but not aripiprazole, weight-independently elevates serum triglycerides and activates lipogenic gene expression in female rats. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 163-179.	1.0	69
106	Developmental and Hormonal Regulation of Leptin Receptor (Ob-R) Messenger Ribonucleic Acid Expression in Rat Testis1. <i>Biology of Reproduction</i> , 2001, 64, 634-643.	1.2	68
107	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 597-612.	2.5	68
108	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. <i>Cell Reports</i> , 2018, 25, 413-423.e5.	2.9	68

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109	Activation of Cholinergic Neurotransmission by Pyridostigmine Reverses the Inhibitory Effect of Hyperglycemia on Growth Hormone (GH) Releasing Hormone-Induced GH Secretion in Man: Does Acute Hyperglycemia Act through Hypothalamic Release of Somatostatin?. <i>Neuroendocrinology</i> , 1989, 49, 551-554.	1.2	67
110	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. <i>Psychopharmacology</i> , 2012, 219, 783-794.	1.5	67
111	Obestatin-mediated proliferation of human retinal pigment epithelial cells: Regulatory mechanisms. <i>Journal of Cellular Physiology</i> , 2007, 211, 1-9.	2.0	66
112	Altered myocardial expression of ghrelin and its receptor (GHSR-1a) in patients with severe heart failure. <i>Peptides</i> , 2010, 31, 2222-2228.	1.2	66
113	The Gastric CB1 Receptor Modulates Ghrelin Production through the mTOR Pathway to Regulate Food Intake. <i>PLoS ONE</i> , 2013, 8, e80339.	1.1	66
114	Serum Immunoreactive Leptin Concentrations in Patients with Anorexia Nervosa before and after Partial Weight Recovery. <i>Biochemical and Molecular Medicine</i> , 1997, 60, 116-120.	1.5	65
115	Ghrelin: the link connecting growth with metabolism and energy homeostasis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002, 3, 325-338.	2.6	65
116	Ghrelin and lipid metabolism: key partners in energy balance. <i>Journal of Molecular Endocrinology</i> , 2011, 46, R43-63.	1.1	65
117	Regulation of His-dTrp-Ala-Trp-dPhe-Lys-NH ₂ (GHRP-6)-Induced GH Secretion in the Rat. <i>Neuroendocrinology</i> , 1993, 57, 247-256.	1.2	64
118	Hypothalamic AMP-activated protein kinase as a mediator of whole body energy balance. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011, 12, 127-140.	2.6	64
119	Depending on the Time of Administration, Dexamethasone Potentiates or Blocks Growth Hormone-Releasing Hormone-Induced Growth Hormone Release in Man. <i>Neuroendocrinology</i> , 1988, 47, 46-49.	1.2	63
120	One ancestor, several peptides. <i>Molecular and Cellular Endocrinology</i> , 2006, 256, 1-8.	1.6	63
121	Craniopharyngiomas Express Embryonic Stem Cell Markers (SOX2, OCT4, KLF4, and SOX9) as Pituitary Stem Cells but Do Not Coexpress RET/GFRA3 Receptors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E80-E87.	1.8	63
122	Nesfatin-1 in Human and Murine Cardiomyocytes: Synthesis, Secretion, and Mobilization of GLUT-4. <i>Endocrinology</i> , 2013, 154, 4757-4767.	1.4	62
123	Neuropeptide Y, but Not Agouti-Related Peptide or Melanin-Concentrating Hormone, Is a Target Peptide for Orexin-A Feeding Actions in the Rat Hypothalamus. <i>Neuroendocrinology</i> , 2002, 75, 34-44.	1.2	61
124	Leptin receptor gene expression and number in the brain are regulated by leptin level and nutritional status. <i>Journal of Physiology</i> , 2009, 587, 3573-3585.	1.3	61
125	Hypothalamic lipotoxicity and the metabolic syndrome. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 350-361.	1.2	60
126	“Food Addiction” in Patients with Eating Disorders is Associated with Negative Urgency and Difficulties to Focus on Long-Term Goals. <i>Frontiers in Psychology</i> , 2016, 7, 61.	1.1	60

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127	Inhibition of growth hormone release after the combined administration of CHRH and GHRPâ€6 in patients with Cushing's syndrome. <i>Clinical Endocrinology</i> , 1994, 41, 649-654.	1.2	59
128	Ghrelin and food reward. <i>Neuropharmacology</i> , 2019, 148, 131-138.	2.0	59
129	<scp>COVID</scp> Isolation Eating Scale (<scp>CIES</scp>): Analysis of the impact of confinement in eating disorders and obesityâ€A collaborative international study. <i>European Eating Disorders Review</i> , 2020, 28, 871-883.	2.3	59
130	Introducing GOAT: a target for obesity and anti-diabetic drugs?. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 398-401.	4.0	57
131	Effects of glucose, free fatty acids or arginine load on the GH-releasing activity of ghrelin in humans. <i>Clinical Endocrinology</i> , 2002, 57, 265-271.	1.2	56
132	The endocannabinoid system: Role in glucose and energy metabolism. <i>Pharmacological Research</i> , 2009, 60, 93-98.	3.1	56
133	Ghrelin Requires p53 to Stimulate Lipid Storage in Fat and Liver. <i>Endocrinology</i> , 2013, 154, 3671-3679.	1.4	56
134	Insulin Resistance Modulates Iron-Related Proteins in Adipose Tissue. <i>Diabetes Care</i> , 2014, 37, 1092-1100.	4.3	56
135	Obesity-Induced Hypogonadism in the Male: Premature Reproductive Neuroendocrine Senescence and Contribution of Kiss1-Mediated Mechanisms. <i>Endocrinology</i> , 2014, 155, 1067-1079.	1.4	56
136	Food Addiction in Eating Disorders and Obesity: Analysis of Clusters and Implications for Treatment. <i>Nutrients</i> , 2019, 11, 2633.	1.7	56
137	Comparison between insulin tolerance test, growth hormone (GH)-releasing hormone (GHRH), GHRH plus acipimox and GHRH plus GH-releasing peptide-6 for the diagnosis of adult GH deficiency in normal subjects, obese and hypopituitary patients. <i>European Journal of Endocrinology</i> , 2003, 149, 117-122.	1.9	55
138	Sensory Stimuli Directly Acting at the Central Nervous System Regulate Gastric Ghrelin Secretion. An ex Vivo Organ Culture Study. <i>Endocrinology</i> , 2007, 148, 3998-4006.	1.4	55
139	Metabolic regulation of female puberty via hypothalamic AMPKâ€kisspeptin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10758-E10767.	3.3	55
140	Food Addiction in Bulimia Nervosa: Clinical Correlates and Association with Response to a Brief Psychoeducational Intervention. <i>European Eating Disorders Review</i> , 2016, 24, 482-488.	2.3	54
141	Leptin, reproduction and sex steroids. <i>Pituitary</i> , 2001, 4, 93-99.	1.6	53
142	In1-ghrelin splicing variant is overexpressed in pituitary adenomas and increases their aggressive features. <i>Scientific Reports</i> , 2015, 5, 8714.	1.6	53
143	Marked GH secretion after ghrelin alone or combined with GH-releasing hormone (GHRH) in obese patients. <i>Clinical Endocrinology</i> , 2004, 61, 250-255.	1.2	52
144	Bsx, a Novel Hypothalamic Factor Linking Feeding with Locomotor Activity, Is Regulated by Energy Availability. <i>Endocrinology</i> , 2008, 149, 3009-3015.	1.4	52

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145	Ghrelin and LEAP-2: Rivals in Energy Metabolism. Trends in Pharmacological Sciences, 2018, 39, 685-694.	4.0	52
146	Regulation of Ghrelin Secretion and Action. Endocrine, 2003, 22, 5-12.	2.2	51
147	Sensing the fat: Fatty acid metabolism in the hypothalamus and the melanocortin system. Peptides, 2005, 26, 1753-1758.	1.2	51
148	Oleoylethanolamide enhances β^2 -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.	1.2	51
149	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. Journal of Controlled Release, 2017, 263, 4-17.	4.8	51
150	Food Addiction and Binge Eating: Lessons Learned from Animal Models. Nutrients, 2018, 10, 71.	1.7	51
151	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. Journal of Hepatology, 2021, 74, 469-471.	1.8	51
152	Changes in Neuroendocrine and Metabolic Hormones Induced by Atypical Antipsychotics in Normal-Weight Patients with Schizophrenia. Neuroendocrinology, 2007, 85, 249-256.	1.2	50
153	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.	1.4	50
154	GPR55: a new promising target for metabolism?. Journal of Molecular Endocrinology, 2017, 58, R191-R202.	1.1	49
155	Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. Cell Metabolism, 2020, 32, 951-966.e8.	7.2	49
156	Ghrelin Is No Longer Able to Stimulate Growth Hormone Secretion in Patients with Cushing's Syndrome but Instead Induces Exaggerated Corticotropin and Cortisol Responses. Neuroendocrinology, 2002, 76, 390-396.	1.2	48
157	SF1-Specific AMPK β 1 Deletion Protects Against Diet-Induced Obesity. Diabetes, 2018, 67, 2213-2226.	0.3	48
158	Unraveling the Role of Leptin in Liver Function and Its Relationship with Liver Diseases. International Journal of Molecular Sciences, 2020, 21, 9368.	1.8	48
159	Extracellular Fatty Acid Synthase: A Possible Surrogate Biomarker of Insulin Resistance. Diabetes, 2010, 59, 1506-1511.	0.3	47
160	Hypothalamic effects of thyroid hormones on metabolism. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 703-712.	2.2	47
161	Glucagon-Like Peptide 1 Analogs and their Effects on Pancreatic Islets. Trends in Endocrinology and Metabolism, 2016, 27, 304-318.	3.1	47
162	Uroguanylin Action in the Brain Reduces Weight Gain in Obese Mice via Different Efferent Autonomic Pathways. Diabetes, 2016, 65, 421-432.	0.3	47

#	ARTICLE	IF	CITATIONS
163	Recent Updates on Obesity Treatments: Available Drugs and Future Directions. <i>Neuroscience</i> , 2020, 437, 215-239.	1.1	46
164	7 Interaction between body composition, leptin and growth hormone status. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1998, 12, 297-314.	1.0	45
165	Serum chemerin levels during normal human pregnancy. <i>Peptides</i> , 2013, 42, 138-143.	1.2	45
166	Hypothalamic GLP-1: the control of BAT thermogenesis and browning of white fat. <i>Adipocyte</i> , 2015, 4, 141-145.	1.3	45
167	The interaction of protamine nanocapsules with the intestinal epithelium: A mechanistic approach. <i>Journal of Controlled Release</i> , 2016, 243, 109-120.	4.8	45
168	Hepatic p63 regulates steatosis via IKK β /ER stress. <i>Nature Communications</i> , 2017, 8, 15111.	5.8	45
169	Small extracellular vesicle-mediated targeting of hypothalamic AMPK α 1 corrects obesity through BAT activation. <i>Nature Metabolism</i> , 2021, 3, 1415-1431.	5.1	45
170	The Effects of Thyroid Hormone Deprivation in Vivo and in Vitro on Growth Hormone (GH) Responses to Human Pancreatic (Tumor) GH-Releasing Factor (1-40) by Dispersed Rat Anterior Pituitary Cells*. <i>Endocrinology</i> , 1985, 116, 1066-1070.	1.4	44
171	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. <i>European Journal of Neuroscience</i> , 2004, 19, 2080-2088.	1.2	44
172	Ghrelin Is Produced by and Directly Activates Corticotrope Cells from Adrenocorticotropin-Secreting Adenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2225-2231.	1.8	44
173	Hypothalamic CaMKK β mediates glucagon anorectic effect and its diet-induced resistance. <i>Molecular Metabolism</i> , 2015, 4, 961-970.	3.0	44
174	The Adipokine Chemerin Induces Apoptosis in Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 176-192.	1.1	44
175	Hypothalamic dopamine signalling regulates brown fat thermogenesis. <i>Nature Metabolism</i> , 2019, 1, 811-829.	5.1	44
176	Brain-derived neurotrophic factor is expressed in rat and human placenta and its serum levels are similarly regulated throughout pregnancy in both species. <i>Clinical Endocrinology</i> , 2014, 81, 141-151.	1.2	43
177	Cellular localization of orexin receptors in human adrenal gland, adrenocortical adenomas and pheochromocytomas. <i>Regulatory Peptides</i> , 2002, 104, 161-165.	1.9	42
178	Effect of obesity and morbid obesity on the growth hormone (GH) secretion elicited by the combined GHRH + GHRP-6 test. <i>Clinical Endocrinology</i> , 2006, 64, 667-671.	1.2	42
179	Ghrelin localization in rat and human thyroid and parathyroid glands and tumours. <i>Histochemistry and Cell Biology</i> , 2006, 125, 239-246.	0.8	42
180	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1188-E1196.	1.8	42

#	ARTICLE	IF	CITATIONS
181	The ϵ -Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. <i>Hepatology</i> , 2021, 73, 606-624.	3.6	42
182	Interaction between Leptin and Neuropeptide Y on in vivo Growth Hormone Secretion. <i>Neuroendocrinology</i> , 1998, 68, 187-191.	1.2	41
183	Prepro-orexin mRNA levels in the rat hypothalamus, and orexin receptors mRNA levels in the rat hypothalamus and adrenal gland are not influenced by the thyroid status. <i>Neuroscience Letters</i> , 2001, 300, 171-175.	1.0	41
184	Caffeine treatment regulates neuropeptide S system expression in the rat brain. <i>Neuroscience Letters</i> , 2006, 410, 47-51.	1.0	41
185	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. <i>Nature Communications</i> , 2018, 9, 3432.	5.8	41
186	Study of Insulin-Like Growth Factor I in Human Obesity. <i>Hormone Research</i> , 1991, 36, 187-191.	1.8	40
187	Regulation of Peptide YY Levels by Age, Hormonal, and Nutritional Status. <i>Obesity</i> , 2004, 12, 1944-1950.	4.0	40
188	Hypothalamic μ -Opioid Receptor Modulates the Orexigenic Effect of Ghrelin. <i>Neuropsychopharmacology</i> , 2013, 38, 1296-1307.	2.8	40
189	β 1-Adrenoreceptors on Intact Rat Anterior Pituitary Cells: Correlation with Adrenergic Stimulation of Thyrotropin Secretion*. <i>Endocrinology</i> , 1983, 113, 133-140.	1.4	39
190	Expression and modulation of ghrelin acyltransferase in cultured chondrocytes. <i>Arthritis and Rheumatism</i> , 2009, 60, 1704-1709.	6.7	39
191	The role of leptin in reproduction: experimental and clinical aspects. <i>Annals of Medicine</i> , 2002, 34, 5-18.	1.5	38
192	Cellular localization of orexins in human anterior pituitary. <i>Histochemistry and Cell Biology</i> , 2003, 120, 259-264.	0.8	38
193	Female Nur77-Deficient Mice Show Increased Susceptibility to Diet-Induced Obesity. <i>PLoS ONE</i> , 2013, 8, e53836.	1.1	37
194	Pituitary Cell Turnover: From Adult Stem Cell Recruitment through Differentiation to Death. <i>Neuroendocrinology</i> , 2015, 101, 175-192.	1.2	37
195	The Inhibition of Growth Hormone Secretion Presented in Obesity Is Not Mediated by the High Leptin Levels: A Study in Human Leptin Deficiency Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 312-316.	1.8	36
196	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021, 12, 5068.	5.8	36
197	Low Plasma Ghrelin Level in Gastrectomized Patients Is Accompanied by Enhanced Sensitivity to the Ghrelin-Induced Growth Hormone Release. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2187-2191.	1.8	35
198	Food Addiction in Gambling Disorder: Frequency and Clinical Outcomes. <i>Frontiers in Psychology</i> , 2017, 8, 473.	1.1	35

#	ARTICLE	IF	CITATIONS
199	Plasma ANGPTL4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800060.	1.5	35
200	Growth hormone secretion after the administration of GHRP6 or GHRH combined with GHRP6 does not decline in late adulthood. <i>Clinical Endocrinology</i> , 1995, 42, 191-194.	1.2	34
201	Oleylethanolamide: Effects on hypothalamic transmitters and gut peptides regulating food intake. <i>Neuropharmacology</i> , 2011, 60, 593-601.	2.0	34
202	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. <i>Diabetes</i> , 2019, 68, 2210-2222.	0.3	34
203	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. <i>Nature Reviews Endocrinology</i> , 2021, 17, 745-755.	4.3	34
204	Regulation of Growth Hormone Secretion. <i>Hormone Research</i> , 1996, 46, 149-154.	1.8	33
205	Role of caveolins in body weight and insulin resistance regulation. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 177-182.	3.1	33
206	Serum Adipsin Levels throughout Normal Pregnancy and Preeclampsia. <i>Scientific Reports</i> , 2016, 6, 20073.	1.6	33
207	Antiobesity efficacy of GLP-1 receptor agonist liraglutide is associated with peripheral tissue-specific modulation of lipid metabolic regulators. <i>BioFactors</i> , 2016, 42, 600-611.	2.6	33
208	Glucagon, GLP-1 and Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3445.	1.8	33
209	Interactions among Epinephrine, Thyrotropin (TSH)-Releasing Hormone, Dopamine, and Somatostatin in the Control of TSH Secretion in Vitro. <i>Endocrinology</i> , 1984, 114, 957-961.	1.4	32
210	Hypothyroid Pituitary Cells in Culture: An Analysis of Thyrotropin and Prolactin Responses to Dopamine (DA) and DA Receptor Binding*. <i>Endocrinology</i> , 1984, 115, 407-415.	1.4	32
211	Glucagon Control on Food Intake and Energy Balance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3905.	1.8	32
212	Central nicotine induces browning through hypothalamic μ opioid receptor. <i>Nature Communications</i> , 2019, 10, 4037.	5.8	32
213	High serum leptin levels in children with type 1 diabetes mellitus: contribution of age, BMI, pubertal development and metabolic status. <i>Clinical Endocrinology</i> , 1999, 51, 603-610.	1.2	31
214	Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus. <i>NeuroReport</i> , 2002, 13, 1775-1779.	0.6	31
215	Evidence of Free Leptin in Human Seminal Plasma. <i>Endocrine</i> , 2002, 17, 169-174.	2.2	31
216	Leptin, 20years of searching for glucose homeostasis. <i>Life Sciences</i> , 2015, 140, 4-9.	2.0	31

#	ARTICLE	IF	CITATIONS
217	Inhibition of carnitine palmitoyltransferase 1A in hepatic stellate cells protects against fibrosis. <i>Journal of Hepatology</i> , 2022, 77, 15-28.	1.8	31
218	Vitamin D receptor ontogenesis in rat liver. <i>Histochemistry and Cell Biology</i> , 1999, 112, 163-167.	0.8	30
219	Effect of Retinoic Acid Deficiency on in vivo and in vitro GH Responses to GHRH in Male Rats. <i>Neuroendocrinology</i> , 1992, 55, 642-647.	1.2	29
220	Serpina3n is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. <i>Genes and Nutrition</i> , 2018, 13, 28.	1.2	29
221	Hypothalamic kappa opioid receptor mediates both diet-induced and melanin concentrating hormone-induced liver damage through inflammation and endoplasmic reticulum stress. <i>Hepatology</i> , 2016, 64, 1086-1104.	3.6	28
222	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. <i>Molecular Metabolism</i> , 2018, 8, 132-143.	3.0	28
223	Growth hormone releasing hormone priming increases growth hormone secretion in patients with Cushing's syndrome. <i>Clinical Endocrinology</i> , 1993, 38, 399-403.	1.2	27
224	Expression of functional KISS1 and KISS1R system is altered in human pituitary adenomas: evidence for apoptotic action of kisspeptin-10. <i>European Journal of Endocrinology</i> , 2011, 164, 355-362.	1.9	27
225	Delta-Like 1 Homologue (DLK1) Protein in Neurons of the Arcuate Nucleus That Control Weight Homeostasis and Effect of Fasting on Hypothalamic DLK1 mRNA. <i>Neuroendocrinology</i> , 2014, 100, 209-220.	1.2	27
226	Regulation of GPR55 in rat white adipose tissue and serum LPI by nutritional status, gestation, gender and pituitary factors. <i>Molecular and Cellular Endocrinology</i> , 2014, 383, 159-169.	1.6	27
227	Metabolic and Gonadotropic Impact of Sequential Obesogenic Insults in the Female: Influence of the Loss of Ovarian Secretion. <i>Endocrinology</i> , 2015, 156, 2984-2998.	1.4	27
228	Is food addiction a predictor of treatment outcome among patients with eating disorder?. <i>European Eating Disorders Review</i> , 2019, 27, 700-711.	2.3	27
229	Growth Hormone Secretagogues as Diagnostic Tools in Disease States. <i>Endocrine</i> , 2001, 14, 095-099.	2.2	26
230	Interleukin 6 Deficiency Modulates the Hypothalamic Expression of Energy Balance Regulating Peptides during Pregnancy in Mice. <i>PLoS ONE</i> , 2013, 8, e72339.	1.1	26
231	Protamine nanocapsules as carriers for oral peptide delivery. <i>Journal of Controlled Release</i> , 2018, 291, 157-168.	4.8	26
232	Ghrelin: New Molecular Pathways Modulating Appetite and Adiposity. <i>Obesity Facts</i> , 2010, 3, 3-3.	1.6	25
233	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. <i>Journal of Endocrinology</i> , 2018, 238, 177-186.	1.2	25
234	Influence of Different Serotonin Receptor Subtypes On Growth Hormone Secretion. <i>Neuroendocrinology</i> , 2000, 71, 145-153.	1.2	24

#	ARTICLE	IF	CITATIONS
235	Resistin Regulates Pituitary Somatotrope Cell Function through the Activation of Multiple Signaling Pathways. <i>Endocrinology</i> , 2009, 150, 4643-4652.	1.4	24
236	Hypothalamic Lipids and the Regulation of Energy Homeostasis. <i>Obesity Facts</i> , 2009, 2, 1-1.	1.6	24
237	Chronic Sympathoexcitation through Loss of Vav3, a Rac1 Activator, Results in Divergent Effects on Metabolic Syndrome and Obesity Depending on Diet. <i>Cell Metabolism</i> , 2013, 18, 199-211.	7.2	24
238	Orexins (hypocretins) and energy balance: More than feeding. <i>Molecular and Cellular Endocrinology</i> , 2015, 418, 17-26.	1.6	24
239	Divergent responses to thermogenic stimuli in BAT and subcutaneous adipose tissue from interleukin 18 and interleukin 18 receptor 1-deficient mice. <i>Scientific Reports</i> , 2016, 5, 17977.	1.6	24
240	BMP8 and activated brown adipose tissue in human newborns. <i>Nature Communications</i> , 2021, 12, 5274.	5.8	24
241	The arcuate nucleus and neuropeptide Y contribute to the antitumorigenic effect of calorie restriction. <i>Aging Cell</i> , 2011, 10, 483-492.	3.0	23
242	Pharmacological and Genetic Manipulation of p53 in Brown Fat at Adult But Not Embryonic Stages Regulates Thermogenesis and Body Weight in Male Mice. <i>Endocrinology</i> , 2016, 157, 2735-2749.	1.4	23
243	New Guidelines for the Diagnosis of Growth Hormone Deficiency in Adults. <i>Hormone Research in Paediatrics</i> , 2009, 71, 112-115.	0.8	22
244	The effects of long term growth hormone releasing factor (GRF 1-40) administration on growth hormone secretion and synthesis in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1984, 121, 111-117.	1.0	21
245	Acetylcholine does not play a major role in mediating the endocrine responses to ghrelin, a natural ligand of the GH secretagogue receptor, in humans. <i>Clinical Endocrinology</i> , 2003, 58, 92-98.	1.2	21
246	Hypothalamic KLF4 mediates leptin's effects on food intake via AgRP. <i>Molecular Metabolism</i> , 2014, 3, 441-451.	3.0	21
247	Regulation of NUCB2/nesfatin-1 production in rat's stomach and adipose tissue is dependent on age, testosterone levels and lactating status. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 105-112.	1.6	21
248	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. <i>Endocrinology</i> , 2015, 156, 975-986.	1.4	21
249	Growth Hormone Secretagogues: The Clinical Future. <i>Hormone Research in Paediatrics</i> , 1999, 51, 29-33.	0.8	20
250	Contribution of adaptive thermogenesis to the hypothalamic regulation of energy balance. <i>Biochemical Journal</i> , 2016, 473, 4063-4082.	1.7	20
251	Nicotine actions on energy balance: Friend or foe?. , 2021, 219, 107693.		20
252	Involvement of Nitric Oxide in the Regulation of Growth Hormone Secretion in Dogs. <i>Neuroendocrinology</i> , 2001, 74, 213-219.	1.2	19

#	ARTICLE	IF	CITATIONS
253	Effect of withdrawal of somatostatin plus GH-releasing hormone as a stimulus of GH secretion in obesity. <i>Clinical Endocrinology</i> , 2002, 56, 487-492.	1.2	19
254	Ghrelin, the Same Peptide for Different Functions: Player or Bystander?. <i>Vitamins and Hormones</i> , 2005, 71, 405-432.	0.7	18
255	Gastrointestinal peptides controlling body weight homeostasis. <i>General and Comparative Endocrinology</i> , 2008, 155, 481-495.	0.8	18
256	Central manipulation of dopamine receptors attenuates the orexigenic action of ghrelin. <i>Psychopharmacology</i> , 2013, 229, 275-283.	1.5	18
257	Effect of Oral Glucose Administration on Rebound Growth Hormone Release in Normal and Obese Women: The Role of Adiposity, Insulin Sensitivity and Ghrelin. <i>PLoS ONE</i> , 2015, 10, e0121087.	1.1	18
258	Acute stimulation of brain mu opioid receptors inhibits glucose-stimulated insulin secretion via sympathetic innervation. <i>Neuropharmacology</i> , 2016, 110, 322-332.	2.0	18
259	Impact of COVID-19 Lockdown in Eating Disorders: A Multicentre Collaborative International Study. <i>Nutrients</i> , 2022, 14, 100.	1.7	18
260	ROLE OF CHOLINERGIC MUSCARINIC PATHWAYS ON THE FREE FATTY ACID INHIBITION OF GH RESPONSES TO GHRH IN NORMAL MEN. <i>Clinical Endocrinology</i> , 1990, 33, 171-176.	1.2	17
261	Updating gender differences in the control of homeostatic and hedonic food intake: Implications for binge eating disorder. <i>Molecular and Cellular Endocrinology</i> , 2019, 497, 110508.	1.6	17
262	Vav2 catalysis-dependent pathways contribute to skeletal muscle growth and metabolic homeostasis. <i>Nature Communications</i> , 2020, 11, 5808.	5.8	17
263	Levels of the Novel Endogenous Antagonist of Ghrelin Receptor, Liver-Enriched Antimicrobial Peptide-2, in Patients with Rheumatoid Arthritis. <i>Nutrients</i> , 2020, 12, 1006.	1.7	17
264	Circulating LEAP-2 is associated with puberty in girls. <i>International Journal of Obesity</i> , 2021, 45, 502-514.	1.6	17
265	O-GlcNAcylation: A Sweet Hub in the Regulation of Glucose Metabolism in Health and Disease. <i>Frontiers in Endocrinology</i> , 2022, 13, 873513.	1.5	17
266	Thyrotropin Regulates Thyrotroph Responsiveness to Dopamine in Vitro*. <i>Endocrinology</i> , 1986, 118, 1319-1326.	1.4	16
267	Gonadal and Age-Related Influences on NMDA-Induced Growth Hormone Secretion in Male Rats. <i>Neuroendocrinology</i> , 1999, 69, 11-19.	1.2	16
268	Merkel cells, a new localization of prepro-orexin and orexin receptors. <i>Journal of Anatomy</i> , 2004, 204, 117-122.	0.9	16
269	Negative energy balance and leptin regulate neuromedin-U expression in the rat pars tuberalis. <i>Journal of Endocrinology</i> , 2006, 190, 545-553.	1.2	16
270	Regulation of NucB2/Nesfatin-1 throughout rat pregnancy. <i>Physiology and Behavior</i> , 2014, 133, 216-222.	1.0	16

#	ARTICLE	IF	CITATIONS
271	Hypothalamic Lipids: Key Regulators of Whole Body Energy Balance. <i>Neuroendocrinology</i> , 2017, 104, 398-411.	1.2	16
272	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. <i>Metabolism: Clinical and Experimental</i> , 2018, 87, 87-97.	1.5	16
273	Thyroid wars: the rise of central actions. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 659-671.	3.1	16
274	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. <i>Journal of Hepatology</i> , 2022, 76, 11-24.	1.8	16
275	Growth hormone response to GHRH, GHRP-6 and GHRH+GHRP-6 in patients with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 1996, 45, 385-390.	1.2	15
276	The GHRH/GHRP-6 test for the diagnosis of GH deficiency in elderly or severely obese men. <i>European Journal of Endocrinology</i> , 2005, 152, 575-580.	1.9	15
277	What is the real relevance of endogenous ghrelin?. <i>Peptides</i> , 2015, 70, 1-6.	1.2	15
278	Melanin-Concentrating Hormone acts through hypothalamic kappa opioid system and p70S6K to stimulate acute food intake. <i>Neuropharmacology</i> , 2018, 130, 62-70.	2.0	15
279	Regulation of Energy Expenditure and Brown/Beige Thermogenic Activity by Interleukins: New Roles for Old Actors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2569.	1.8	15
280	RELEASE OF AN ACTIVE SODIUM TRANSPORT INHIBITOR (ASTI) FROM RAT HYPOTHALAMIC CELLS IN CULTURE. <i>Endocrinology</i> , 1984, 115, 1642-1644.	1.4	14
281	High-Affinity Binding Sites to the Vitamin D Receptor DNA Binding Domain in the Human Growth Hormone Promoter. <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 882-887.	1.0	14
282	Differential Effects of Age and Sex on the Postnatal Responsiveness of Brown Adipose Tissue to Prolactin Administration in Rats. <i>Experimental Physiology</i> , 2003, 88, 527-531.	0.9	14
283	The AMPK-Malonyl-CoA-CPT1 Axis in the Control of Hypothalamic Neuronal Function—Reply. <i>Cell Metabolism</i> , 2008, 8, 176.	7.2	14
284	Hyperthyroidism differentially regulates neuropeptide S system in the rat brain. <i>Brain Research</i> , 2012, 1450, 40-48.	1.1	14
285	Prolactin and Energy Homeostasis: Pathophysiological Mechanisms and Therapeutic Considerations. <i>Endocrinology</i> , 2014, 155, 659-662.	1.4	14
286	Somatotropinomas, But Not Nonfunctioning Pituitary Adenomas, Maintain a Functional Apoptotic RET/Pit1/ARF/p53 Pathway That Is Blocked by Excess GDNF. <i>Endocrinology</i> , 2014, 155, 4329-4340.	1.4	14
287	Unravelling the role and mechanism of adipokine and gastrointestinal signals in animal models in the nonhomeostatic control of energy homeostasis: Implications for binge eating disorder. <i>European Eating Disorders Review</i> , 2018, 26, 551-568.	2.3	14
288	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. <i>Genes</i> , 2018, 9, 357.	1.0	14

#	ARTICLE	IF	CITATIONS
289	LEAP-2 Counteracts Ghrelin-Induced Food Intake in a Nutrient, Growth Hormone and Age Independent Manner. <i>Cells</i> , 2022, 11, 324.	1.8	14
290	Evaluation of the reproducibility of the GHRH plus GHRP-6 test of growth hormone reserve in adults. <i>Clinical Endocrinology</i> , 2004, 60, 185-191.	1.2	13
291	Circulating hormones and hypothalamic energy balance: regulatory gene expression in the Lou/C and Wistar rats. <i>Journal of Endocrinology</i> , 2006, 190, 571-579.	1.2	13
292	Impact of liver-specific GLUT8 silencing on fructose-induced inflammation and omega oxidation. <i>IScience</i> , 2021, 24, 102071.	1.9	13
293	Food addiction in anorexia nervosa: Implications for the understanding of crossover diagnosis. <i>European Eating Disorders Review</i> , 2022, 30, 278-288.	2.3	13
294	Stimulatory effect of free fatty acids on growth hormone releasing hormone secretion by fetal rat neurons in monolayer culture. <i>Neuroscience Letters</i> , 1992, 135, 80-82.	1.0	12
295	Effect of withdrawal of somatostatin plus growth hormone (GH)-releasing hormone as a stimulus of GH secretion in Cushing's syndrome. <i>Clinical Endocrinology</i> , 2002, 57, 745-749.	1.2	12
296	Longitudinal analysis of maternal serum Follistatin concentration in normal pregnancy and preeclampsia. <i>Clinical Endocrinology</i> , 2015, 83, 229-235.	1.2	12
297	Come to Where Insulin Resistance Is, Come to AMPK Country. <i>Cell Metabolism</i> , 2015, 21, 663-665.	7.2	12
298	Temperature but not leptin prevents semi-starvation induced hyperactivity in rats: implications for anorexia nervosa treatment. <i>Scientific Reports</i> , 2020, 10, 5300.	1.6	12
299	Serum Galanin Levels in Young Healthy Lean and Obese Non-Diabetic Men during an Oral Glucose Tolerance Test. <i>Scientific Reports</i> , 2016, 6, 31661.	1.6	12
300	The sequential administration of growth hormone-releasing hormone followed 120 minutes later by hexarelin, as an effective test to assess the pituitary GH reserve in man. <i>Clinical Endocrinology</i> , 1996, 45, 543-551.	1.2	11
301	Nutritional, hormonal, and depot-dependent regulation of the expression of the small GTPase Rab18 in rodent adipose tissue. <i>Journal of Molecular Endocrinology</i> , 2013, 50, 19-29.	1.1	11
302	The Orexigenic Effect of Orexin-A Revisited: Dependence of an Intact Growth Hormone Axis. <i>Endocrinology</i> , 2013, 154, 3589-3598.	1.4	11
303	Lack of Hypophagia in CB1 Null Mice is Associated to Decreased Hypothalamic POMC and CART Expression. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv011.	1.0	11
304	GPR55 and the regulation of glucose homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 88, 204-207.	1.2	11
305	ANGPTL-4 is Associated with Obesity and Lipid Profile in Children and Adolescents. <i>Nutrients</i> , 2019, 11, 1340.	1.7	11
306	Exciting advances in GPCR-based drugs discovery for treating metabolic disease and future perspectives. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 421-431.	2.5	11

#	ARTICLE	IF	CITATIONS
307	Reprint of: Recent Updates on Obesity Treatments: Available Drugs and Future Directions. Neuroscience, 2020, 447, 191-215.	1.1	11
308	Î²-Opioid Signaling in the Lateral Hypothalamic Area Modulates Nicotine-Induced Negative Energy Balance. International Journal of Molecular Sciences, 2021, 22, 1515.	1.8	11
309	Activation of Hypothalamic α AMP-Activated Protein Kinase Ameliorates Metabolic Complications of Experimental Arthritis. Arthritis and Rheumatology, 2022, 74, 212-222.	2.9	11
310	RET signalling provides tumorigenic mechanism and tissue specificity for AIP-related somatotrophinomas. Oncogene, 2021, 40, 6354-6368.	2.6	11
311	Heterozygous Deficiency of Endoglin Decreases Insulin and Hepatic Triglyceride Levels during High Fat Diet. PLoS ONE, 2013, 8, e54591.	1.1	11
312	Ghrelin-induced GH secretion in normal subjects is partially resistant to homologous desensitization by GH-releasing peptide-6. European Journal of Endocrinology, 2002, 147, 761-766.	1.9	10
313	Physical activity or food intake prior to testing did not affect the reproducibility of GH secretion elicited by GH releasing hormone plus GH-releasing hexapeptide in normal adult subjects. Clinical Endocrinology, 2002, 56, 89-94.	1.2	10
314	The Impact of Cranial Irradiation on GH Responsiveness to GHRH Plus GH-Releasing Peptide-6. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2095-2099.	1.8	10
315	Food Addiction in Eating Disorders: A Cluster Analysis Approach and Treatment Outcome. Nutrients, 2022, 14, 1084.	1.7	10
316	Estrogen-Dependent Effects of Bombesin on in vivo Growth Hormone Secretion in the Rat. Neuroendocrinology, 1990, 52, 608-611.	1.2	9
317	Unlike ghrelin, obestatin does not exert any relevant activity in chondrocytes. Annals of the Rheumatic Diseases, 2007, 66, 1399-1400.	0.5	9
318	Sequential Exposure to Obesogenic Factors in Female Rats: From Physiological Changes to Lipid Metabolism in Liver and Mesenteric Adipose Tissue. Scientific Reports, 2017, 7, 46194.	1.6	9
319	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. Redox Biology, 2021, 41, 101945.	3.9	9
320	Olfactomedin 2 deficiency protects against diet-induced obesity. Metabolism: Clinical and Experimental, 2022, 129, 155122.	1.5	9
321	Î±1-Adrenoreceptors and Î±1-Adrenoreceptor-Mediated Thyrotropin Release in Cultures of Euthyroid and Hypothyroid Rat Anterior Pituitary Cells. Endocrinology, 1985, 117, 624-630.	1.4	8
322	Regulation of Prothymosin Alpha mRNA Levels in Rat Pituitary Tumor Cells. Neuroendocrinology, 1993, 57, 1048-1056.	1.2	8
323	Influence of endogenous cholinergic tone and growth hormone-releasing peptide-6 on exercise induced growth hormone release. Clinical Endocrinology, 1997, 46, 195-202.	1.2	8
324	Neonatal events, such as androgenization and postnatal overfeeding, modify the response to ghrelin. Scientific Reports, 2014, 4, 4855.	1.6	8

#	ARTICLE	IF	CITATIONS
325	Regulation of Chemerin and CMKLR1 Expression by Nutritional Status, Postnatal Development, and Gender. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2905.	1.8	8
326	Uroguanylin Improves Leptin Responsiveness in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019, 11, 752.	1.7	8
327	Oral Pharmacological Activation of Hypothalamic Guanylate Cyclase 2C Receptor Stimulates Brown Fat Thermogenesis to Reduce Body Weight. <i>Neuroendocrinology</i> , 2020, 110, 1042-1054.	1.2	8
328	Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway. <i>World Journal of Gastroenterology</i> , 2017, 23, 6403-6411.	1.4	8
329	Food addiction and lifetime alcohol and illicit drugs use in specific eating disorders. <i>Journal of Behavioral Addictions</i> , 2022, 11, 102-115.	1.9	8
330	Role of the new growth hormone-releasing secretagogues in the diagnosis of some hypothalamopituitary pathologies. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 123-126.	1.5	7
331	Effect of acute reduction of free fatty acids by acipimox on growth hormone-releasing hormone-induced GH secretion in type 1 diabetic patients. <i>Clinical Endocrinology</i> , 2003, 59, 431-436.	1.2	7
332	Maternal Serum Meteorin Levels and the Risk of Preeclampsia. <i>PLoS ONE</i> , 2015, 10, e0131013.	1.1	7
333	Maternal serum omentin-1 profile is similar in humans and in the rat animal model. <i>Cytokine</i> , 2015, 75, 136-141.	1.4	7
334	24h nesfatin-1 treatment promotes apoptosis in cardiomyocytes. <i>Endocrine</i> , 2016, 51, 551-555.	1.1	7
335	Circulating Pro-Uroguanylin Levels In Children And Their Relation To Obesity, Sex And Puberty. <i>Scientific Reports</i> , 2018, 8, 14541.	1.6	7
336	p107 Deficiency Increases Energy Expenditure by Inducing Brown Fat Thermogenesis and Browning of White Adipose Tissue. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801096.	1.5	7
337	Serum angiopoietin-like 3 levels are elevated in obese non diabetic men but are unaffected during an oral glucose tolerance test. <i>Scientific Reports</i> , 2020, 10, 21118.	1.6	7
338	Activity-Based Anorexia Induces Browning of Adipose Tissue Independent of Hypothalamic AMPK. <i>Frontiers in Endocrinology</i> , 2021, 12, 669980.	1.5	7
339	Vagal afferents contribute to sympathoexcitation-driven metabolic dysfunctions. <i>Journal of Endocrinology</i> , 2019, 240, 483-496.	1.2	7
340	Oral dexamethasone administration: new pharmacological test for the assessment of growth hormone secretion. <i>European Journal of Endocrinology</i> , 1994, 131, 598-601.	1.9	6
341	Growth hormone response to GHRH + GHRP-6 in type 2 diabetes during euglycemic and hyperglycemic clamp. <i>Diabetes Research and Clinical Practice</i> , 2004, 63, 37-45.	1.1	6
342	Gastric Plication Improves Glycemia Partly by Restoring the Altered Expression of Aquaglyceroporins in Adipose Tissue and the Liver in Obese Rats. <i>Obesity Surgery</i> , 2017, 27, 1763-1774.	1.1	6

#	ARTICLE	IF	CITATIONS
343	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome. <i>Molecular Metabolism</i> , 2022, 59, 101465.	3.0	6
344	Inhibin Suppresses in vivo Growth Hormone Secretion. <i>Neuroendocrinology</i> , 1998, 68, 293-296.	1.2	5
345	Leptin and Ghrelin: What is the Impact on Pituitary Function?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2005, 6, 39-45.	2.6	5
346	Energy Balance Regulating Neuropeptides Are Expressed through Pregnancy and Regulated by Interleukin-6 Deficiency in Mouse Placenta. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-10.	0.6	4
347	Cellular energy sensors: AMPK and beyond. <i>Molecular and Cellular Endocrinology</i> , 2014, 397, 1-3.	1.6	4
348	Caloric Restriction Prevents Metabolic Dysfunction and the Changes in Hypothalamic Neuropeptides Associated with Obesity Independently of Dietary Fat Content in Rats. <i>Nutrients</i> , 2021, 13, 2128.	1.7	4
349	Antagonists of Growth Hormone-Releasing Hormone Inhibit the Growth of Pituitary Adenoma Cells by Hampering Oncogenic Pathways and Promoting Apoptotic Signaling. <i>Cancers</i> , 2021, 13, 3950.	1.7	4
350	Hepatic p63 regulates glucose metabolism by repressing SIRT1. <i>Gut</i> , 2023, 72, 472-483.	6.1	4
351	Rat anterior pituitary cells maintained on artificial capillaries: responses of thyrotrophs and lactotrophs to depolarization, TRH and dopamine. <i>Molecular and Cellular Endocrinology</i> , 1984, 37, 73-82.	1.6	3
352	C75, a Fatty Acid Synthase (FAS) Inhibitor. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2007, 1, 53-62.	0.7	3
353	HYPOTHesizing about central comBAT against obesity. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 193-211.	1.3	3
354	AMPK-Dependent Mechanisms but Not Hypothalamic Lipid Signaling Mediates GH-Secretory Responses to GHRH and Ghrelin. <i>Cells</i> , 2020, 9, 1940.	1.8	3
355	Editorial: Hypocretins/Orexins. <i>Frontiers in Endocrinology</i> , 2020, 11, 357.	1.5	3
356	Maternal Serum Angiopoietin-Like 3 Levels in Healthy and Mild Preeclamptic Pregnant Women. <i>Frontiers in Endocrinology</i> , 2021, 12, 670357.	1.5	3
357	Diagnosis of growth hormone deficiency after pituitary surgery: the combined acipimox/GH-releasing hormone test. <i>Clinical Endocrinology</i> , 2003, 58, 156-162.	1.2	2
358	Neuropeptides and Control of Food Intake. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-2.	0.6	2
359	Physiology of the Hypothalamus Pituitary Unit. <i>Endocrinology</i> , 2018, , 1-33.	0.1	2
360	Orally Induced Hyperthyroidism Regulates Hypothalamic AMP-Activated Protein Kinase. <i>Nutrients</i> , 2021, 13, 4204.	1.7	2

#	ARTICLE	IF	CITATIONS
361	Effects of perinatal overfeeding on mechanisms controlling food intake and body weight homeostasis. <i>Expert Review of Endocrinology and Metabolism</i> , 2006, 1, 651-659.	1.2	1
362	Hypocretins in Endocrine Regulation. , 2005, , 395-423.		1
363	An updated view on human neonatal thermogenesis. <i>Nature Reviews Endocrinology</i> , 2022, , .	4.3	1
364	Effect of acute pharmacological modulation of plasma free fatty acids on GH secretion in acromegalic patients. <i>Clinical Endocrinology</i> , 2001, 54, 509-513.	1.2	0
365	Regulation of PRL release by cytokines and immunomodifiers: Interrelationships between leptin and prolactin secretion. Functional implications. <i>NeuroImmune Biology</i> , 2002, 2, 137-146.	0.2	0
366	Ghrelin in the Local Regulation of Endocrine Glands. , 2006, , 869-875.		0
367	The Central Nervous System in Metabolic Syndrome. , 2014, , 137-156.		0
368	SAT-028 Leptin, Leptin Soluble Receptor and FLI in Healthy and Preeclamptic Pregnancies. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0