

Carlos Dieguez

List of Publications by Year in descending order

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368
papers

24,322
citations

4960

84
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11308

136
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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.	28.8	635
2	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. <i>Nature Medicine</i> , 2010, 16, 1001-1008.	30.7	581
3	AMPK: a metabolic gauge regulating whole-body energy homeostasis. <i>Trends in Molecular Medicine</i> , 2008, 14, 539-549.	6.7	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.	6.1	430
6	GLP-1 Agonism Stimulates Brown Adipose Tissue Thermogenesis and Browning Through Hypothalamic AMPK. <i>Diabetes</i> , 2014, 63, 3346-3358.	0.6	422
7	Hypothalamic Fatty Acid Metabolism Mediates the Orexigenic Action of Ghrelin. <i>Cell Metabolism</i> , 2008, 7, 389-399.	16.2	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.	3.6	390
9	Neuroendocrine Regulation and Actions of Leptin. <i>Frontiers in Neuroendocrinology</i> , 1999, 20, 317-363.	5.2	345
10	Estradiol Regulates Brown Adipose Tissue Thermogenesis via Hypothalamic AMPK. <i>Cell Metabolism</i> , 2014, 20, 41-53.	16.2	342
11	Leptin, from fat to inflammation: old questions and new insights. <i>FEBS Letters</i> , 2005, 579, 295-301.	2.8	337
12	Ghrelin, A Novel Placental-Derived Hormone ¹ . <i>Endocrinology</i> , 2001, 142, 788-794.	2.8	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.	7.2	316
14	Synthesis of Leptin in Human Placenta. <i>Endocrinology</i> , 1997, 138, 4501-4504.	2.8	305
15	New frontiers in kisspeptin/GPR54 physiology as fundamental gatekeepers of reproductive function. <i>Frontiers in Neuroendocrinology</i> , 2008, 29, 48-69.	5.2	287
16	Adiponectin is synthesized and secreted by human and murine cardiomyocytes. <i>FEBS Letters</i> , 2005, 579, 5163-5169.	2.8	282
17	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. <i>Endocrinology</i> , 2007, 148, 21-26.	2.8	228
18	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. <i>Nature Reviews Endocrinology</i> , 2016, 12, 421-432.	9.6	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.	0.6	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.	2.8	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.	3.6	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.	3.6	198
23	Central Ceramide-Induced Hypothalamic Lipotoxicity and ER Stress Regulate Energy Balance. <i>Cell Reports</i> , 2014, 9, 366-377.	6.4	195
24	Resveratrol supplementation: Where are we now and where should we go?. <i>Ageing Research Reviews</i> , 2015, 21, 1-15.	10.9	193
25	Regulation of Pituitary Cell Function by Adiponectin. <i>Endocrinology</i> , 2007, 148, 401-410.	2.8	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.	2.1	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.	13.7	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.	2.4	173
29	Adipokines as novel modulators of lipid metabolism. <i>Trends in Biochemical Sciences</i> , 2009, 34, 500-510.	7.5	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.	2.8	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.	16.2	167
32	Energy balance regulation by thyroid hormones at central level. <i>Trends in Molecular Medicine</i> , 2013, 19, 418-427.	6.7	164
33	A GRFα2/Prop1/Stem (GPS) Cell Niche in the Pituitary. <i>PLoS ONE</i> , 2009, 4, e4815.	2.5	158
34	Dopaminergic tone and obesity: an insight from prolactinomas treated with bromocriptine. <i>European Journal of Endocrinology</i> , 2002, 147, 77-84.	3.7	148
35	Nicotine Induces Negative Energy Balance Through Hypothalamic AMP-Activated Protein Kinase. <i>Diabetes</i> , 2012, 61, 807-817.	0.6	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.	3.6	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.	0.6	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.	2.5	142
39	Hypothalamic-autonomic control of energy homeostasis. <i>Endocrine</i> , 2015, 50, 276-291.	2.3	142
40	Growth Hormone Secretagogues: Physiological Role and Clinical Utility. <i>Trends in Endocrinology and Metabolism</i> , 1999, 10, 30-38.	7.1	141
41	Growth hormone releasing peptide (ghrelin) is synthesized and secreted by cardiomyocytes. <i>Cardiovascular Research</i> , 2004, 62, 481-488.	3.8	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.	3.6	136
43	The α -Lysophosphatidylinositol GPR55 System and Its Potential Role in Human Obesity. <i>Diabetes</i> , 2012, 61, 281-291.	0.6	134
44	The Central Sirtuin 1/p53 Pathway Is Essential for the Orexigenic Action of Ghrelin. <i>Diabetes</i> , 2011, 60, 1177-1185.	0.6	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.	2.8	129
46	Ghrelin, A Novel Placental-Derived Hormone. <i>Endocrinology</i> , 2001, 142, 788-794.	2.8	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.	3.6	126
48	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017, 232, 351-362.	2.6	126
49	The brain and brown fat. <i>Annals of Medicine</i> , 2015, 47, 150-168.	3.8	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.	4.1	123
51	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. <i>Molecular Metabolism</i> , 2016, 5, 844-857.	6.5	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 Lactation. <i>Biology of Reproduction</i> , 2000, 62, 698-703.	2.7	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.	0.6	122
54	Elevated serum leptin concentrations induced by experimental acute inflammation. <i>Life Sciences</i> , 2000, 67, 2433-2441.	4.3	116

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55	The Opioid System and Food Intake: Homeostatic and Hedonic Mechanisms. Obesity Facts, 2012, 5, 196-207.	3.4	116
56	Metformin: A Hopeful Promise in Aging Research. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a025932.	6.2	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*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 290-293.	3.6	115
58	Dual and Selective Actions of Glucocorticoids upon Basal and Stimulated Growth Hormone Release in Man. Neuroendocrinology, 1990, 51, 51-58.	2.5	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*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1361-1370.	3.6	108
60	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
61	Expanding the adipokine network in cartilage: identification and regulation of novel factors in human and murine chondrocytes. Annals of the Rheumatic Diseases, 2011, 70, 551-559.	0.9	108
62	A role for the putative cannabinoid receptor GPR55 in the islets of Langerhans. Journal of Endocrinology, 2011, 211, 177-185.	2.6	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. Clinical Endocrinology, 1997, 46, 289-293.	2.4	103
64	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. Endocrinology, 2008, 149, 4534-4543.	2.8	102
65	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. Cell Reports, 2016, 16, 2231-2242.	6.4	102
66	Hypothalamic mTOR Signaling Mediates the Orexigenic Action of Ghrelin. PLoS ONE, 2012, 7, e46923.	2.5	101
67	Olanzapine-Induced Hyperphagia and Weight Gain Associate with Orexigenic Hypothalamic Neuropeptide Signaling without Concomitant AMPK Phosphorylation. PLoS ONE, 2011, 6, e20571.	2.5	101
68	Dopamine Receptors on Intact Anterior Pituitary Cells in Culture: Functional Association with the Inhibition of Prolactin and Thyrotropin*. Endocrinology, 1983, 112, 1567-1577.	2.8	100
69	Influence of metabolic substrates and obesity on growth hormone secretion. Trends in Endocrinology and Metabolism, 1995, 6, 55-59.	7.1	100
70	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
71	Role of ghrelin in reproduction. Reproduction, 2007, 133, 531-540.	2.6	99
72	Regulation of in vivo TSH secretion by leptin. Regulatory Peptides, 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.	6.5	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.	2.8	94
76	Irisin, Two Years Later. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	1.5	94
77	Central administration of resistin promotes short-term satiety in rats. <i>European Journal of Endocrinology</i> , 2005, 153, R1-R5.	3.7	93
78	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. <i>Journal of Pathology</i> , 2012, 227, 209-222.	4.5	93
79	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. <i>Trends in Neurosciences</i> , 2017, 40, 167-180.	8.6	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.	3.7	91
81	Hypothalamic Control of Lipid Metabolism: Focus on Leptin, Ghrelin and Melanocortins. <i>Neuroendocrinology</i> , 2011, 94, 1-11.	2.5	90
82	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. <i>Diabetes</i> , 2017, 66, 87-99.	0.6	90
83	Exendin-4 Potently Decreases Ghrelin Levels in Fasting Rats. <i>Diabetes</i> , 2007, 56, 143-151.	0.6	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.	3.6	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.	2.4	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.	2.8	83
88	Adipokines in the skeleton: influence on cartilage function and joint degenerative diseases. <i>Journal of Molecular Endocrinology</i> , 2009, 43, 11-18.	2.5	83
89	Hypothalamic Ceramide Levels Regulated by CPT1C Mediate the Orexigenic Effect of Ghrelin. <i>Diabetes</i> , 2013, 62, 2329-2337.	0.6	82
90	Des-Acyl Ghrelin Has Specific Binding Sites and Different Metabolic Effects from Ghrelin in Cardiomyocytes. <i>Endocrinology</i> , 2010, 151, 3286-3298.	2.8	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.	3.2	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.	1.3	79
93	Nicotine Improves Obesity and Hepatic Steatosis and ER Stress in Diet-Induced Obese Male Rats. <i>Endocrinology</i> , 2014, 155, 1679-1689.	2.8	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.	2.5	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.	2.4	77
96	Dual action of adiponectin on insulin secretion in insulin-resistant mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 154-160.	2.1	76
97	Peripheral tissue-brain interactions in the regulation of food intake. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 131-155.	1.0	74
98	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. <i>Redox Biology</i> , 2017, 12, 854-863.	9.0	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.	7.8	73
100	Cross-talk between orexins (hypocretins) and the neuroendocrine axes (hypothalamic-pituitary axes). <i>Frontiers in Neuroendocrinology</i> , 2010, 31, 113-127.	5.2	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.	3.6	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.	2.5	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.	2.6	72
104	Vitamin D receptor gene expression in human pituitary gland. <i>Life Sciences</i> , 1996, 60, 35-42.	4.3	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.	2.1	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.	2.7	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.	5.4	68
108	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. <i>Cell Reports</i> , 2018, 25, 413-423.e5.	6.4	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.	2.5	67
110	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. <i>Psychopharmacology</i> , 2012, 219, 783-794.	3.1	67
111	Obestatin-mediated proliferation of human retinal pigment epithelial cells: Regulatory mechanisms. <i>Journal of Cellular Physiology</i> , 2007, 211, 1-9.	4.1	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.	2.4	66
113	The Gastric CB1 Receptor Modulates Ghrelin Production through the mTOR Pathway to Regulate Food Intake. <i>PLoS ONE</i> , 2013, 8, e80339.	2.5	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.	1.4	65
115	Ghrelin: the link connecting growth with metabolism and energy homeostasis. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002, 3, 325-338.	5.7	65
116	Ghrelin and lipid metabolism: key partners in energy balance. <i>Journal of Molecular Endocrinology</i> , 2011, 46, R43-63.	2.5	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.	2.5	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.	5.7	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.	2.5	63
120	One ancestor, several peptides. <i>Molecular and Cellular Endocrinology</i> , 2006, 256, 1-8.	3.2	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.	3.6	63
122	Nesfatin-1 in Human and Murine Cardiomyocytes: Synthesis, Secretion, and Mobilization of GLUT-4. <i>Endocrinology</i> , 2013, 154, 4757-4767.	2.8	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.	2.5	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.	2.9	61
125	Hypothalamic lipotoxicity and the metabolic syndrome. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 350-361.	2.4	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.	2.1	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. Clinical Endocrinology, 1994, 41, 649-654.	2.4	59
128	Ghrelin and food reward. Neuropharmacology, 2019, 148, 131-138.	4.1	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. European Eating Disorders Review, 2020, 28, 871-883.	4.1	59
130	Introducing GOAT: a target for obesity and anti-diabetic drugs?. Trends in Pharmacological Sciences, 2008, 29, 398-401.	8.7	57
131	Effects of glucose, free fatty acids or arginine load on the GHâ€releasing activity of ghrelin in humans. Clinical Endocrinology, 2002, 57, 265-271.	2.4	56
132	The endocannabinoid system: Role in glucose and energy metabolism. Pharmacological Research, 2009, 60, 93-98.	7.1	56
133	Ghrelin Requires p53 to Stimulate Lipid Storage in Fat and Liver. Endocrinology, 2013, 154, 3671-3679.	2.8	56
134	Insulin Resistance Modulates Iron-Related Proteins in Adipose Tissue. Diabetes Care, 2014, 37, 1092-1100.	8.6	56
135	Obesity-Induced Hypogonadism in the Male: Premature Reproductive Neuroendocrine Senescence and Contribution of Kiss1-Mediated Mechanisms. Endocrinology, 2014, 155, 1067-1079.	2.8	56
136	Food Addiction in Eating Disorders and Obesity: Analysis of Clusters and Implications for Treatment. Nutrients, 2019, 11, 2633.	4.1	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. European Journal of Endocrinology, 2003, 149, 117-122.	3.7	55
138	Sensory Stimuli Directly Acting at the Central Nervous System Regulate Gastric Ghrelin Secretion. An ex Vivo Organ Culture Study. Endocrinology, 2007, 148, 3998-4006.	2.8	55
139	Metabolic regulation of female puberty via hypothalamic AMPKâ€kisspeptin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10758-E10767.	7.1	55
140	Food Addiction in Bulimia Nervosa: Clinical Correlates and Association with Response to a Brief Psychoeducational Intervention. European Eating Disorders Review, 2016, 24, 482-488.	4.1	54
141	Leptin, reproduction and sex steroids. Pituitary, 2001, 4, 93-99.	2.9	53
142	In1-ghrelin splicing variant is overexpressed in pituitary adenomas and increases their aggressive features. Scientific Reports, 2015, 5, 8714.	3.3	53
143	Marked GH secretion after ghrelin alone or combined with GH-releasing hormone (GHRH) in obese patients. Clinical Endocrinology, 2004, 61, 250-255.	2.4	52
144	Bsx, a Novel Hypothalamic Factor Linking Feeding with Locomotor Activity, Is Regulated by Energy Availability. Endocrinology, 2008, 149, 3009-3015.	2.8	52

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145	Ghrelin and LEAP-2: Rivals in Energy Metabolism. Trends in Pharmacological Sciences, 2018, 39, 685-694.	8.7	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.	2.4	51
148	Oleylethanolamide 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.	2.4	51
149	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. Journal of Controlled Release, 2017, 263, 4-17.	9.9	51
150	Food Addiction and Binge Eating: Lessons Learned from Animal Models. Nutrients, 2018, 10, 71.	4.1	51
151	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
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