Carlos Dieguez

List of Publications by Year in Descending Order

359 papers	19,819 citations	78 h-index	124 g-index
372 ext. papers	22,033 ext. citations	6.3 avg, IF	6.52 L-index

#	Paper	IF	Citations
359	Food addiction and lifetime alcohol and illicit drugs use in specific eating disorders.. *Journal of Behavioral Addictions*, **2022**,	6.3	2
358	LEAP-2 Counteracts Ghrelin-Induced Food Intake in a Nutrient, Growth Hormone and Age Independent Manner.. *Cells*, **2022**, 11,	7.9	3
357	Olfactomedin 2 deficiency protects against diet-induced obesity.. *Metabolism: Clinical and Experimental*, **2022**, 129, 155122	12.7	1
356	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome.. *Molecular Metabolism*, **2022**, 101465	8.8	0
355	-GlcNAcylation: A Sweet Hub in the Regulation of Glucose Metabolism in Health and Disease.. *Frontiers in Endocrinology*, **2022**, 13, 873513	5.7	1
354	Small extracellular vesicle-mediated targeting of hypothalamic AMPK corrects obesity through BAT activation. *Nature Metabolism*, **2021**, 3, 1415-1431	14.6	3
353	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. *Nature Reviews Endocrinology*, **2021**, 17, 745-755	15.2	2
352	Maternal Serum Angiopoietin-Like 3 Levels in Healthy and Mild Preeclamptic Pregnant Women. *Frontiers in Endocrinology*, **2021**, 12, 670357	5.7	1
351	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. *Redox Biology* , **2021**, 41, 101945	11.3	2
350	Activity-Based Anorexia Induces Browning of Adipose Tissue Independent of Hypothalamic AMPK. *Frontiers in Endocrinology*, **2021**, 12, 669980	5.7	4
349	The L- Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. *Hepatology*, **2021**, 73, 606-624	11.2	19
348	Circulating LEAP-2 is associated with puberty in girls. *International Journal of Obesity*, **2021**, 45, 502-514	5.5	6
347	NicotinePactions on energy balance: Friend or foe?. *Pharmacology & Therapeutics*, **2021**, 219, 107693	13.9	9
346	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. *Journal of Hepatology*, **2021**, 74, 469-471	13.4	23
345	Impact of liver-specific GLUT8 silencing on fructose-induced inflammation and omega oxidation. *IScience*, **2021**, 24, 102071	6.1	4
344	Opioid Signaling in the Lateral Hypothalamic Area Modulates Nicotine-Induced Negative Energy Balance. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
343	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. *Nature Communications*, **2021**, 12, 5068	17.4	5

342	Activation of hypothalamic AMPK ameliorates metabolic complications of experimental arthritis. *Arthritis and Rheumatology*, **2021**,	9.5	1
341	RET signalling provides tumorigenic mechanism and tissue specificity for AIP-related somatotrophinomas. *Oncogene*, **2021**, 40, 6354-6368	9.2	1
340	BMP8 and activated brown adipose tissue in human newborns. *Nature Communications*, **2021**, 12, 5274	17.4	7
339	Thyroid wars: the rise of central actions. *Trends in Endocrinology and Metabolism*, **2021**, 32, 659-671	8.8	2
338	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. *Journal of Hepatology*, **2021**,	13.4	1
337	Impact of COVID-19 Lockdown in Eating Disorders: A Multicentre Collaborative International Study.. *Nutrients*, **2021**, 14,	6.7	1
336	Unraveling the Role of Leptin in Liver Function and Its Relationship with Liver Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
335	Recent Updates on Obesity Treatments: Available Drugs and Future Directions. *Neuroscience*, **2020**, 437, 215-239	3.9	23
334	Oral Pharmacological Activation of Hypothalamic Guanylate Cyclase 2C Receptor Stimulates Brown Fat Thermogenesis to Reduce Body Weight. *Neuroendocrinology*, **2020**, 110, 1042-1054	5.6	5
333	Temperature but not leptin prevents semi-starvation induced hyperactivity in rats: implications for anorexia nervosa treatment. *Scientific Reports*, **2020**, 10, 5300	4.9	7
332	SAT-028 Leptin, Leptin Soluble Receptor and FLI in Healthy and Preeclamptic Pregnancies. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
331	HYPOTHesizing about central comBAT against obesity. *Journal of Physiology and Biochemistry*, **2020** , 76, 193-211	5	2
330	Reprint of: Recent Updates on Obesity Treatments: Available Drugs and Future Directions. *Neuroscience*, **2020**, 447, 191-215	3.9	6
329	Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. *Cell Metabolism*, **2020**, 32, 951-966.e8	24.6	14
328	Vav2 catalysis-dependent pathways contribute to skeletal muscle growth and metabolic homeostasis. *Nature Communications*, **2020**, 11, 5808	17.4	6
327	COVID Isolation Eating Scale (CIES): Analysis of the impact of confinement in eating disorders and obesity-A collaborative international study. *European Eating Disorders Review*, **2020**, 28, 871-883	5.3	35
326	AMPK-Dependent Mechanisms but Not Hypothalamic Lipid Signaling Mediates GH-Secretory Responses to GHRH and Ghrelin. *Cells*, **2020**, 9,	7.9	2
325	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	4.9	3

324	Levels of the Novel Endogenous Antagonist of Ghrelin Receptor, Liver-Enriched Antimicrobial Peptide-2, in Patients with Rheumatoid Arthritis. *Nutrients*, **2020**, 12,	6.7	9
323	Central nicotine induces browning through hypothalamic □opioid receptor. *Nature Communications*, **2019**, 10, 4037	17.4	17
322	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. *Diabetes*, **2019**, 68, 2210-2222	0.9	16
321	ANGPTL-4 is Associated with Obesity and Lipid Profile in Children and Adolescents. *Nutrients*, **2019**, 11,	6.7	8
320	Exciting advances in GPCR-based drugs discovery for treating metabolic disease and future perspectives. *Expert Opinion on Drug Discovery*, **2019**, 14, 421-431	6.2	8
319	Uroguanylin Improves Leptin Responsiveness in Diet-Induced Obese Mice. *Nutrients*, **2019**, 11,	6.7	4
318	Hypothalamic dopamine signaling regulates brown fat thermogenesis. *Nature Metabolism*, **2019**, 1, 811-829	14.6	23
317	Glucagon Control on Food Intake and Energy Balance. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
316	Updating gender differences in the control of homeostatic and hedonic food intake: Implications for binge eating disorder. *Molecular and Cellular Endocrinology*, **2019**, 497, 110508	4.4	4
315	Glucagon, GLP-1 and Thermogenesis. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	15
314	Is food addiction a predictor of treatment outcome among patients with eating disorder?. *European Eating Disorders Review*, **2019**, 27, 700-711	5.3	17
313	Food Addiction in Eating Disorders and Obesity: Analysis of Clusters and Implications for Treatment. *Nutrients*, **2019**, 11,	6.7	35
312	Vagal afferents contribute to sympathoexcitation-driven metabolic dysfunctions. *Journal of Endocrinology*, **2019**, 240, 483-496	4.7	6
311	Ghrelin and food reward. *Neuropharmacology*, **2019**, 148, 131-138	5.5	29
310	p107 Deficiency Increases Energy Expenditure by Inducing Brown-Fat Thermogenesis and Browning of White Adipose Tissue. *Molecular Nutrition and Food Research*, **2019**, 63, e1801096	5.9	4
309	Physiology of the Hypothalamus Pituitary Unit. *Endocrinology*, **2018**, 1-33	0.1	2
308	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. *Molecular Metabolism*, **2018**, 8, 132-143	8.8	19
307	Plasma ANGPTL-4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings. *Molecular Nutrition and Food Research*, **2018**, 62, e1800060	5.9	20

306	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. *Frontiers in Psychiatry*, **2018**, 9, 208	5	42
305	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	12.7	10
304	Food Addiction and Binge Eating: Lessons Learned from Animal Models. *Nutrients*, **2018**, 10,	6.7	39
303	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. *Genes*, **2018**, 9,	4.2	11
302	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. *Nature Communications*, **2018**, 9, 3432	17.4	27
301	SF1-Specific AMPK1 Deletion Protects Against Diet-Induced Obesity. *Diabetes*, **2018**, 67, 2213-2226	0.9	31
300	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. *Journal of Endocrinology*, **2018**, 238, 177-186	4.7	16
299	Melanin-Concentrating Hormone acts through hypothalamic kappa opioid system and p70S6K to stimulate acute food intake. *Neuropharmacology*, **2018**, 130, 62-70	5.5	11
298	is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice. *Genes and Nutrition*, **2018**, 13, 28	4.3	17
297	Regulation of Chemerin and CMKLR1 Expression by Nutritional Status, Postnatal Development, and Gender. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	4
296	Circulating Pro-Uroguanylin Levels In Children And Their Relation To Obesity, Sex And Puberty. *Scientific Reports*, **2018**, 8, 14541	4.9	5
295	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. *European Eating Disorders Review*, **2018**, 26, 551-568	5.3	8
294	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. *Cell Reports*, **2018**, 25, 413-423.e5	10.6	43
293	Protamine nanocapsules as carriers for oral peptide delivery. *Journal of Controlled Release*, **2018**, 291, 157-168	11.7	19
292	Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E10758-E10767	11.5	34
291	Regulation of Energy Expenditure and Brown/Beige Thermogenic Activity by Interleukins: New Roles for Old Actors. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
290	Ghrelin and LEAP-2: Rivals in Energy Metabolism. *Trends in Pharmacological Sciences*, **2018**, 39, 685-694	13.2	33
289	Gastric Plication Improves Glycemia Partly by Restoring the Altered Expression of Aquaglyceroporins in Adipose Tissue and the Liver in Obese Rats. *Obesity Surgery*, **2017**, 27, 1763-1774	3.7	4

288	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. *Trends in Neurosciences*, **2017**, 40, 167-180	13.3	67
287	GPR55: a new promising target for metabolism?. *Journal of Molecular Endocrinology*, **2017**, 58, R191-R202	4.5	36
286	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. *Journal of Controlled Release*, **2017**, 263, 4-17	11.7	43
285	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	4.9	6
284	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. *Redox Biology*, **2017**, 12, 854-863	11.3	59
283	Hepatic p63 regulates steatosis via IKK□ER stress. *Nature Communications*, **2017**, 8, 15111	17.4	32
282	GPR55 and the regulation of glucose homeostasis. *International Journal of Biochemistry and Cell Biology*, **2017**, 88, 204-207	5.6	8
281	Thyroid hormones induce browning of white fat. *Journal of Endocrinology*, **2017**, 232, 351-362	4.7	96
280	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell Metabolism*, **2017**, 26, 212-229.e12	24.6	128
279	Hypothalamic Lipids: Key Regulators of Whole Body Energy Balance. *Neuroendocrinology*, **2017**, 104, 398-411	5.6	12
278	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. *Diabetes*, **2017**, 66, 87-99	0.9	74
277	Food Addiction in Gambling Disorder: Frequency and Clinical Outcomes. *Frontiers in Psychology*, **2017**, 8, 473	3.4	22
276	Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway. *World Journal of Gastroenterology*, **2017**, 23, 6403-6411	5.6	4
275	Antiobesity efficacy of GLP-1 receptor agonist liraglutide is associated with peripheral tissue-specific modulation of lipid metabolic regulators. *BioFactors*, **2016**, 42, 600-611	6.1	21
274	Hypothalamic kappa opioid receptor mediates both diet-induced and melanin concentrating hormone-induced liver damage through inflammation and endoplasmic reticulum stress. *Hepatology*, **2016**, 64, 1086-104	11.2	22
273	Contribution of adaptive thermogenesis to the hypothalamic regulation of energy balance. *Biochemical Journal*, **2016**, 473, 4063-4082	3.8	16
272	Essential role of UCP1 modulating the central effects of thyroid hormones on energy balance. *Molecular Metabolism*, **2016**, 5, 271-282	8.8	85
271	Metformin: A Hopeful Promise in Aging Research. *Cold Spring Harbor Perspectives in Medicine*, **2016**, 6, a025932	5.4	82

270	Uroguanylin Action in the Brain Reduces Weight Gain in Obese Mice via Different Efferent Autonomic Pathways. *Diabetes*, **2016**, 65, 421-32	0.9	37
269	24 h nesfatin-1 treatment promotes apoptosis in cardiomyocytes. *Endocrine*, **2016**, 51, 551-5	4	6
268	Serum Galanin Levels in Young Healthy Lean and Obese Non-Diabetic Men during an Oral Glucose Tolerance Test. *Scientific Reports*, **2016**, 6, 31661	4.9	6
267	"Food Addiction" in Patients with Eating Disorders is Associated with Negative Urgency and Difficulties to Focus on Long-Term Goals. *Frontiers in Psychology*, **2016**, 7, 61	3.4	45
266	Serum Adipsin Levels throughout Normal Pregnancy and Preeclampsia. *Scientific Reports*, **2016**, 6, 20073	4.9	14
265	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. *Nature Reviews Endocrinology*, **2016**, 12, 421-32	15.2	161
264	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, 2735-49	4.8	20
263	Glucagon-Like Peptide 1 Analogs and their Effects on Pancreatic Islets. *Trends in Endocrinology and Metabolism*, **2016**, 27, 304-318	8.8	41
262	Acute stimulation of brain mu opioid receptors inhibits glucose-stimulated insulin secretion via sympathetic innervation. *Neuropharmacology*, **2016**, 110, 322-332	5.5	11
261	Food Addiction in Bulimia Nervosa: Clinical Correlates and Association with Response to a Brief Psychoeducational Intervention. *European Eating Disorders Review*, **2016**, 24, 482-488	5.3	34
260	Defining a novel leptin-melanocortin-kisspeptin pathway involved in the metabolic control of puberty. *Molecular Metabolism*, **2016**, 5, 844-857	8.8	94
259	The interaction of protamine nanocapsules with the intestinal epithelium: A mechanistic approach. *Journal of Controlled Release*, **2016**, 243, 109-120	11.7	35
258	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. *Cell Reports*, **2016**, 16, 2231-2242	10.6	80
257	Hypothalamus and thermogenesis: Heating the BAT, browning the WAT. *Molecular and Cellular Endocrinology*, **2016**, 438, 107-115	4.4	59
256	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. *Antioxidants and Redox Signaling*, **2015**, 23, 597-612	8.4	38
255	Hypothalamic GLP-1: the control of BAT thermogenesis and browning of white fat. *Adipocyte*, **2015**, 4, 141-5	3.2	32
254	Orexins (hypocretins) and energy balance: More than feeding. *Molecular and Cellular Endocrinology*, **2015**, 418 Pt 1, 17-26	4.4	21
253	Maternal serum omentin-1 profile is similar in humans and in the rat animal model. *Cytokine*, **2015**, 75, 136-41	4	7

252	Hypothalamic-autonomic control of energy homeostasis. *Endocrine*, **2015**, 50, 276-91	4	113
251	Regulation of NUCB2/nesfatin-1 production in rat stomach and adipose tissue is dependent on age, testosterone levels and lactating status. *Molecular and Cellular Endocrinology*, **2015**, 411, 105-12	4.4	17
250	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, 975-86	4.8	20
249	Come to Where Insulin Resistance Is, Come to AMPK Country. *Cell Metabolism*, **2015**, 21, 663-5	24.6	11
248	Leptin, 20 years of searching for glucose homeostasis. *Life Sciences*, **2015**, 140, 4-9	6.8	25
247	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1188-96	5.6	34
246	Lack of Hypophagia in CB1 Null Mice is Associated to Decreased Hypothalamic POMC and CART Expression. *International Journal of Neuropsychopharmacology*, **2015**, 18,	5.8	10
245	The brain and brown fat. *Annals of Medicine*, **2015**, 47, 150-68	1.5	104
244	Divergent responses to thermogenic stimuli in BAT and subcutaneous adipose tissue from interleukin 18 and interleukin 18 receptor 1-deficient mice. *Scientific Reports*, **2015**, 5, 17977	4.9	18
243	In1-ghrelin splicing variant is overexpressed in pituitary adenomas and increases their aggressive features. *Scientific Reports*, **2015**, 5, 8714	4.9	41
242	Hypothalamic CaMKK mediates glucagon anorectic effect and its diet-induced resistance. *Molecular Metabolism*, **2015**, 4, 961-70	8.8	30
241	Effect of oral glucose administration on rebound growth hormone release in normal and obese women: the role of adiposity, insulin sensitivity and ghrelin. *PLoS ONE*, **2015**, 10, e0121087	3.7	10
240	Maternal Serum Meteorin Levels and the Risk of Preeclampsia. *PLoS ONE*, **2015**, 10, e0131013	3.7	5
239	Longitudinal analysis of maternal serum Follistatin concentration in normal pregnancy and preeclampsia. *Clinical Endocrinology*, **2015**, 83, 229-35	3.4	10
238	What is the real relevance of endogenous ghrelin?. *Peptides*, **2015**, 70, 1-6	3.8	12
237	Metabolic and Gonadotropic Impact of Sequential Obesogenic Insults in the Female: Influence of the Loss of Ovarian Secretion. *Endocrinology*, **2015**, 156, 2984-98	4.8	20
236	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, 947-60	4.8	45
235	The Adipokine Chemerin Induces Apoptosis in Cardiomyocytes. *Cellular Physiology and Biochemistry* , **2015**, 37, 176-92	3.9	30

234	Pituitary Cell Turnover: From Adult Stem Cell Recruitment through Differentiation to Death. *Neuroendocrinology*, **2015**, 101, 175-92	5.6	25
233	Resveratrol supplementation: Where are we now and where should we go?. *Ageing Research Reviews*, **2015**, 21, 1-15	12	168
232	Nicotine improves obesity and hepatic steatosis and ER stress in diet-induced obese male rats. *Endocrinology*, **2014**, 155, 1679-89	4.8	66
231	GLP-1 agonism stimulates brown adipose tissue thermogenesis and browning through hypothalamic AMPK. *Diabetes*, **2014**, 63, 3346-58	0.9	330
230	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, 159-69	4.4	23
229	Hypothalamic effects of thyroid hormones on metabolism. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2014**, 28, 703-12	6.5	40
228	Irisin levels during pregnancy and changes associated with the development of preeclampsia. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 2113-9	5.6	55
227	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. *Cell Metabolism*, **2014**, 20, 41-53	24.6	264
226	Obesity-induced hypogonadism in the male: premature reproductive neuroendocrine senescence and contribution of Kiss1-mediated mechanisms. *Endocrinology*, **2014**, 155, 1067-79	4.8	50
225	Regulation of NucB2/Nesfatin-1 throughout rat pregnancy. *Physiology and Behavior*, **2014**, 133, 216-22	3.5	12
224	Neonatal events, such as androgenization and postnatal overfeeding, modify the response to ghrelin. *Scientific Reports*, **2014**, 4, 4855	4.9	5
223	Central ceramide-induced hypothalamic lipotoxicity and ER stress regulate energy balance. *Cell Reports*, **2014**, 9, 366-377	10.6	148
222	Insulin resistance modulates iron-related proteins in adipose tissue. *Diabetes Care*, **2014**, 37, 1092-100	14.6	43
221	Energy Balance Regulating Neuropeptides Are Expressed through Pregnancy and Regulated by Interleukin-6 Deficiency in Mouse Placenta. *International Journal of Endocrinology*, **2014**, 2014, 537603	2.7	4
220	Neuropeptides and control of food intake. *International Journal of Endocrinology*, **2014**, 2014, 910912	2.7	2
219	Prolactin and energy homeostasis: pathophysiological mechanisms and therapeutic considerations. *Endocrinology*, **2014**, 155, 659-62	4.8	8
218	Brain-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, 141-51	3.4	34
217	"Eating addiction", rather than "food addiction", better captures addictive-like eating behavior. *Neuroscience and Biobehavioral Reviews*, **2014**, 47, 295-306	9	338

216	Food addiction in a Spanish sample of eating disorders: DSM-5 diagnostic subtype differentiation and validation data. *European Eating Disorders Review*, **2014**, 22, 389-96	5.3	95
215	Somatotropinomas, but not nonfunctioning pituitary adenomas, maintain a functional apoptotic RET/Pit1/ARF/p53 pathway that is blocked by excess GDNF. *Endocrinology*, **2014**, 155, 4329-40	4.8	11
214	Delta-like 1 homologue (DLK1) protein in neurons of the arcuate nucleus that control weight homeostasis and effect of fasting on hypothalamic DLK1 mRNA. *Neuroendocrinology*, **2014**, 100, 209-20	5.6	13
213	Hypothalamic KLF4 mediates leptin□ effects on food intake via AgRP. *Molecular Metabolism*, **2014**, 3, 441-51	8.8	17
212	Oleoylethanolamide enhances □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	4.1	45
211	The Central Nervous System in Metabolic Syndrome **2014**, 137-156		
210	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	24.6	19
209	Nesfatin-1 in human and murine cardiomyocytes: synthesis, secretion, and mobilization of GLUT-4. *Endocrinology*, **2013**, 154, 4757-67	4.8	53
208	Serum chemerin levels during normal human pregnancy. *Peptides*, **2013**, 42, 138-43	3.8	33
207	Nutritional, hormonal, and depot-dependent regulation of the expression of the small GTPase Rab18 in rodent adipose tissue. *Journal of Molecular Endocrinology*, **2013**, 50, 19-29	4.5	7
206	Central manipulation of dopamine receptors attenuates the orexigenic action of ghrelin. *Psychopharmacology*, **2013**, 229, 275-83	4.7	15
205	Hypothalamic □opioid receptor modulates the orexigenic effect of ghrelin. *Neuropsychopharmacology*, **2013**, 38, 1296-307	8.7	27
204	Energy balance regulation by thyroid hormones at central level. *Trends in Molecular Medicine*, **2013**, 19, 418-27	11.5	124
203	Central melanin-concentrating hormone influences liver and adipose metabolism via specific hypothalamic nuclei and efferent autonomic/JNK1 pathways. *Gastroenterology*, **2013**, 144, 636-649.e6	13.3	64
202	Ghrelin requires p53 to stimulate lipid storage in fat and liver. *Endocrinology*, **2013**, 154, 3671-9	4.8	47
201	The orexigenic effect of orexin-A revisited: dependence of an intact growth hormone axis. *Endocrinology*, **2013**, 154, 3589-98	4.8	11
200	Irisin, two years later. *International Journal of Endocrinology*, **2013**, 2013, 746281	2.7	75
199	Hypothalamic ceramide levels regulated by CPT1C mediate the orexigenic effect of ghrelin. *Diabetes*, **2013**, 62, 2329-37	0.9	66

198	Ghrelin, Lipid Metabolism, and Metabolic Syndrome **2013**, 475-484		
197	Female Nur77-deficient mice show increased susceptibility to diet-induced obesity. *PLoS ONE*, **2013**, 8, e53836	3.7	30
196	Interleukin 6 deficiency modulates the hypothalamic expression of energy balance regulating peptides during pregnancy in mice. *PLoS ONE*, **2013**, 8, e72339	3.7	21
195	Heterozygous deficiency of endoglin decreases insulin and hepatic triglyceride levels during high fat diet. *PLoS ONE*, **2013**, 8, e54591	3.7	9
194	The gastric CB1 receptor modulates ghrelin production through the mTOR pathway to regulate food intake. *PLoS ONE*, **2013**, 8, e80339	3.7	48
193	Hyperthyroidism differentially regulates neuropeptide S system in the rat brain. *Brain Research*, **2012**, 1450, 40-8	3.7	11
192	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. *Psychopharmacology*, **2012**, 219, 783-94	4.7	60
191	The L-α-lysophosphatidylinositol/GPR55 system and its potential role in human obesity. *Diabetes*, **2012**, 61, 281-91	0.9	112
190	Craniopharyngiomas express embryonic stem cell markers (SOX2, OCT4, KLF4, and SOX9) as pituitary stem cells but do not coexpress RET/GFRA3 receptors. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E80-7	5.6	50
189	Olanzapine, but not aripiprazole, weight-independently elevates serum triglycerides and activates lipogenic gene expression in female rats. *International Journal of Neuropsychopharmacology*, **2012**, 15, 163-79	5.8	63
188	Hypothalamic mTOR signaling mediates the orexigenic action of ghrelin. *PLoS ONE*, **2012**, 7, e46923	3.7	89
187	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. *Journal of Pathology*, **2012**, 227, 209-22	9.4	75
186	Kisspeptins and reproduction: physiological roles and regulatory mechanisms. *Physiological Reviews*, **2012**, 92, 1235-316	47.9	519
185	The opioid system and food intake: homeostatic and hedonic mechanisms. *Obesity Facts*, **2012**, 5, 196-207	3.1	93
184	Nicotine induces negative energy balance through hypothalamic AMP-activated protein kinase. *Diabetes*, **2012**, 61, 807-17	0.9	129
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