

Miguel Lopez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237
papers

11,600
citations

59
h-index

100
g-index

246
ext. papers

13,371
ext. citations

7.6
avg, IF

6.31
L-index

#	Paper	IF	Citations
237	Olfactomedin 2 deficiency protects against diet-induced obesity.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 129, 155122	12.7	1
236	Kappa-Opioid Receptor Blockade Ameliorates Obesity Caused by Estrogen Withdrawal via Promotion of Energy Expenditure through mTOR Pathway.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
235	Vogt-Koyanagi-Harada Disease Exacerbation Associated with COVID-19 Vaccine.. <i>Cells</i> , 2022 , 11,	7.9	2
234	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome.. <i>Molecular Metabolism</i> , 2022 , 101465	8.8	0
233	Understanding the Effects of Antipsychotics on Appetite Control.. <i>Frontiers in Nutrition</i> , 2021 , 8, 8154566.2		1
232	Small extracellular vesicle-mediated targeting of hypothalamic AMPK β corrects obesity through BAT activation. <i>Nature Metabolism</i> , 2021 , 3, 1415-1431	14.6	3
231	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 745-755	15.2	2
230	Astrocyte Clocks and Glucose Homeostasis. <i>Frontiers in Endocrinology</i> , 2021 , 12, 662017	5.7	1
229	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. <i>Redox Biology</i> , 2021 , 41, 101945	11.3	2
228	BBSome ablation in SF1 neurons causes obesity without comorbidities. <i>Molecular Metabolism</i> , 2021 , 48, 101211	8.8	3
227	Activity-Based Anorexia Induces Browning of Adipose Tissue Independent of Hypothalamic AMPK. <i>Frontiers in Endocrinology</i> , 2021 , 12, 669980	5.7	4
226	The L-Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. <i>Hepatology</i> , 2021 , 73, 606-624	11.2	19
225	NicotineRactions on energy balance: Friend or foe?. <i>Pharmacology & Therapeutics</i> , 2021 , 219, 107693	13.9	9
224	Clinical, Cellular, and Molecular Evidence of the Additive Antitumor Effects of Biguanides and Statins in Prostate Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e696-e710	5.6	7
223	AMP-activated protein kinase (AMPK) signaling in GnRH neurons links energy status and reproduction. <i>Metabolism: Clinical and Experimental</i> , 2021 , 115, 154460	12.7	2
222	μ Opioid Signaling in the Lateral Hypothalamic Area Modulates Nicotine-Induced Negative Energy Balance. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
221	Activation of AMP kinase ameliorates kidney vascular dysfunction, oxidative stress and inflammation in rodent models of obesity. <i>British Journal of Pharmacology</i> , 2021 , 178, 4085-4103	8.6	2

220	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021 , 12, 5068	17.4	5
219	Activation of hypothalamic AMPK ameliorates metabolic complications of experimental arthritis. <i>Arthritis and Rheumatology</i> , 2021 ,	9.5	1
218	BMP8 and activated brown adipose tissue in human newborns. <i>Nature Communications</i> , 2021 , 12, 5274	17.4	7
217	Thyroid wars: the rise of central actions. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 659-671	8.8	2
216	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. <i>Journal of Hepatology</i> , 2021 ,	13.4	1
215	Ovarian insufficiency impairs glucose-stimulated insulin secretion through activation of hypothalamic de novo ceramide synthesis. <i>Metabolism: Clinical and Experimental</i> , 2021 , 123, 154846	12.7	0
214	Estrogen wars: The activity awakens. <i>Cell Metabolism</i> , 2021 , 33, 2309-2311	24.6	0
213	Recent Updates on Obesity Treatments: Available Drugs and Future Directions. <i>Neuroscience</i> , 2020 , 437, 215-239	3.9	23
212	ADAR1-Dependent RNA Editing Promotes MET and iPSC Reprogramming by Alleviating ER Stress. <i>Cell Stem Cell</i> , 2020 , 27, 300-314.e11	18	13
211	Brain-Sparing Sympathofacilitators Mitigate Obesity without Adverse Cardiovascular Effects. <i>Cell Metabolism</i> , 2020 , 31, 1120-1135.e7	24.6	8
210	Activation of the AMP-related kinase (AMPK) induces renal vasodilatation and downregulates Nox-derived reactive oxygen species (ROS) generation. <i>Redox Biology</i> , 2020 , 34, 101575	11.3	19
209	Compounds that modulate AMPK activity and hepatic steatosis impact the biosynthesis of microRNAs required to maintain lipid homeostasis in hepatocytes. <i>EBioMedicine</i> , 2020 , 53, 102697	8.8	13
208	Oral Pharmacological Activation of Hypothalamic Guanylate Cyclase 2C Receptor Stimulates Brown Fat Thermogenesis to Reduce Body Weight. <i>Neuroendocrinology</i> , 2020 , 110, 1042-1054	5.6	5
207	The kallikrein-kinin pathway as a mechanism for auto-control of brown adipose tissue activity. <i>Nature Communications</i> , 2020 , 11, 2132	17.4	7
206	Temperature but not leptin prevents semi-starvation induced hyperactivity in rats: implications for anorexia nervosa treatment. <i>Scientific Reports</i> , 2020 , 10, 5300	4.9	7
205	Hypothalamic AMPK α regulates liver energy metabolism in rainbow trout through vagal innervation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R122-R134	3.2	5
204	HYPOTHesizing about central combAT against obesity. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 193-211	5	2
203	Deletion of iRhom2 protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , 2020 , 31, 67-84	8.8	16

202	Reprint of: Recent Updates on Obesity Treatments: Available Drugs and Future Directions. <i>Neuroscience</i> , 2020 , 447, 191-215	3.9	6
201	Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. <i>Cell Metabolism</i> , 2020 , 32, 951-966.e8	24.6	14
200	Estradiol and appetite: To eat or not to eat. <i>Molecular Metabolism</i> , 2020 , 42, 101061	8.8	1
199	Hypothalamic CDK4 regulates thermogenesis by modulating sympathetic innervation of adipose tissues. <i>EMBO Reports</i> , 2020 , 21, e49807	6.5	3
198	AMPK-Dependent Mechanisms but Not Hypothalamic Lipid Signaling Mediates GH-Secretory Responses to GHRH and Ghrelin. <i>Cells</i> , 2020 , 9,	7.9	2
197	Central nicotine induces browning through hypothalamic μ opioid receptor. <i>Nature Communications</i> , 2019 , 10, 4037	17.4	17
196	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. <i>Diabetes</i> , 2019 , 68, 2210-2222	0.9	16
195	Thyroid-Hormone-Induced Browning of White Adipose Tissue Does Not Contribute to Thermogenesis and Glucose Consumption. <i>Cell Reports</i> , 2019 , 27, 3385-3400.e3	10.6	42
194	Long-term caloric restriction ameliorates deleterious effects of aging on white and brown adipose tissue plasticity. <i>Aging Cell</i> , 2019 , 18, e12948	9.9	25
193	Ferritin regulates organismal energy balance and thermogenesis. <i>Molecular Metabolism</i> , 2019 , 24, 64-79.8		13
192	Obesity Paradox in Ischemic Stroke: Clinical and Molecular Insights. <i>Translational Stroke Research</i> , 2019 , 10, 639-649	7.8	14
191	Uroguanylin Improves Leptin Responsiveness in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019 , 11,	6.7	4
190	Hypothalamic dopamine signaling regulates brown fat thermogenesis. <i>Nature Metabolism</i> , 2019 , 1, 811-826	14.5	23
189	Glucagon, GLP-1 and Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
188	Orexins/Hypocretins: Key Regulators of Energy Homeostasis. <i>Frontiers in Endocrinology</i> , 2019 , 10, 830	5.7	22
187	Hypothalamic Control of Food Intake and Energy Homeostasis 2019 , 393-397		
186	Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function. <i>International Journal of Obesity</i> , 2019 , 43, 1611-1619	5.5	7
185	CPT1C in the ventromedial nucleus of the hypothalamus is necessary for brown fat thermogenesis activation in obesity. <i>Molecular Metabolism</i> , 2019 , 19, 75-85	8.8	18

184	Differential Role of Hypothalamic AMPK Isoforms in Fish: an Evolutive Perspective. <i>Molecular Neurobiology</i> , 2019 , 56, 5051-5066	6.2	5
183	Analyzing AMPK Function in the Hypothalamus. <i>Methods in Molecular Biology</i> , 2018 , 1732, 433-448	1.4	1
182	Ghrelin Causes a Decline in GABA Release by Reducing Fatty Acid Oxidation in Cortex. <i>Molecular Neurobiology</i> , 2018 , 55, 7216-7228	6.2	7
181	AMPK Wars: the VMH Strikes Back, Return of the PVH. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 135-137	8.8	10
180	Central leptin and autonomic regulation: A melanocortin business. <i>Molecular Metabolism</i> , 2018 , 8, 211-218	8.8	19
179	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. <i>Molecular Metabolism</i> , 2018 , 8, 132-143	8.8	19
178	Impaired Ca handling in resistance arteries from genetically obese Zucker rats: Role of the PI3K, ERK1/2 and PKC signaling pathways. <i>Biochemical Pharmacology</i> , 2018 , 152, 114-128	6	7
177	Lipoprotein Lipase Expression in Hypothalamus Is Involved in the Central Regulation of Thermogenesis and the Response to Cold Exposure. <i>Frontiers in Endocrinology</i> , 2018 , 9, 103	5.7	3
176	Hypothalamic AMPK and energy balance. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12996	4.6	47
175	Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake. <i>Genes</i> , 2018 , 9,	4.2	11
174	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. <i>Nature Communications</i> , 2018 , 9, 3432	17.4	27
173	SF1-Specific AMPK Deletion Protects Against Diet-Induced Obesity. <i>Diabetes</i> , 2018 , 67, 2213-2226	0.9	31
172	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. <i>Journal of Endocrinology</i> , 2018 , 238, 177-186	4.7	16
171	Melanin-Concentrating Hormone acts through hypothalamic kappa opioid system and p70S6K to stimulate acute food intake. <i>Neuropharmacology</i> , 2018 , 130, 62-70	5.5	11
170	Hypothalamic GRP78, a new target against obesity?. <i>Adipocyte</i> , 2018 , 7, 63-66	3.2	2
169	Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 142-153	3.9	5
168	Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. <i>Cell Reports</i> , 2018 , 25, 413-423.e5	10.6	43
167	Increased FGF21 in brown adipose tissue of tyrosine hydroxylase heterozygous mice: implications for cold adaptation. <i>Journal of Lipid Research</i> , 2018 , 59, 2308-2320	6.3	5

166	Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10758-E10767	11.5	34
165	Lipopolysaccharide (LPS)-induced septic shock causes profound changes in myocardial energy metabolites in pigs. <i>Metabolomics</i> , 2018 , 14, 131	4.7	6
164	Central regulation of energy metabolism by estrogens. <i>Molecular Metabolism</i> , 2018 , 15, 104-115	8.8	48
163	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. <i>Trends in Neurosciences</i> , 2017 , 40, 167-180	13.3	67
162	The cellular and molecular bases of leptin and ghrelin resistance in obesity. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 338-351	15.2	202
161	EJE PRIZE 2017: Hypothalamic AMPK: a golden target against obesity?. <i>European Journal of Endocrinology</i> , 2017 , 176, R235-R246	6.5	40
160	Sequential Exposure to Obesogenic Factors in Female Rats: From Physiological Changes to Lipid Metabolism in Liver and Mesenteric Adipose Tissue. <i>Scientific Reports</i> , 2017 , 7, 46194	4.9	6
159	Traveling from the hypothalamus to the adipose tissue: The thermogenic pathway. <i>Redox Biology</i> , 2017 , 12, 854-863	11.3	59
158	Hypothalamic Regulation of Liver and Muscle Nutrient Partitioning by Brain-Specific Carnitine Palmitoyltransferase 1C in Male Mice. <i>Endocrinology</i> , 2017 , 158, 2226-2238	4.8	8
157	Hepatic p63 regulates steatosis via IKK β ER stress. <i>Nature Communications</i> , 2017 , 8, 15111	17.4	32
156	GPR55 and the regulation of glucose homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 88, 204-207	5.6	8
155	Thyroid hormones induce browning of white fat. <i>Journal of Endocrinology</i> , 2017 , 232, 351-362	4.7	96
154	3-Iodothyronamine Induces Tail Vasodilation Through Central Action in Male Mice. <i>Endocrinology</i> , 2017 , 158, 1977-1984	4.8	30
153	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2962-2973	5.6	31
152	A brain-sparing diphtheria toxin for chemical genetic ablation of peripheral cell lineages. <i>Nature Communications</i> , 2017 , 8, 14967	17.4	20
151	Estradiol effects on hypothalamic AMPK and BAT thermogenesis: A gateway for obesity treatment?. <i>Pharmacology & Therapeutics</i> , 2017 , 178, 109-122	13.9	36
150	Angiotensin-like protein 8/betatrophin as a new determinant of type 2 diabetes remission after bariatric surgery. <i>Translational Research</i> , 2017 , 184, 35-44.e4	11	16
149	Lack of Ovarian Secretions Reverts the Anabolic Action of Olanzapine in Female Rats. <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 1005-1012	5.8	12

148	BAT Expansion: A Panacea against Obesity? Lessons from LKB1. <i>EBioMedicine</i> , 2017 , 24, 11-13	8.8	2
147	Estradiol Regulation of Brown Adipose Tissue Thermogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1043, 315-335	3.6	18
146	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	24.6	128
145	Genetic evidence for a role of the SREBP transcription system and lipid biosynthesis in schizophrenia and antipsychotic treatment. <i>European Neuropsychopharmacology</i> , 2017 , 27, 589-598	1.2	26
144	UCP1 and T3: A key in energy balance. <i>Temperature</i> , 2017 , 4, 18-20	5.2	1
143	Hypothalamic Lipids: Key Regulators of Whole Body Energy Balance. <i>Neuroendocrinology</i> , 2017 , 104, 398-411	5.6	12
142	Reduction of Hypothalamic Endoplasmic Reticulum Stress Activates Browning of White Fat and Ameliorates Obesity. <i>Diabetes</i> , 2017 , 66, 87-99	0.9	74
141	Central Oxytocin and Energy Balance: More Than Feelings. <i>Endocrinology</i> , 2017 , 158, 2713-2715	4.8	1
140	Similarities between acylcarnitine profiles in large for gestational age newborns and obesity. <i>Scientific Reports</i> , 2017 , 7, 16267	4.9	10
139	Brain Ceramide Metabolism in the Control of Energy Balance. <i>Frontiers in Physiology</i> , 2017 , 8, 787	4.6	20
138	Estradiol and brown fat. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2016 , 30, 527-536	6.5	18
137	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, 1086-104	11.2	22
136	Contribution of adaptive thermogenesis to the hypothalamic regulation of energy balance. <i>Biochemical Journal</i> , 2016 , 473, 4063-4082	3.8	16
135	Essential role of UCP1 modulating the central effects of thyroid hormones on energy balance. <i>Molecular Metabolism</i> , 2016 , 5, 271-282	8.8	85
134	Uroguanylin Action in the Brain Reduces Weight Gain in Obese Mice via Different Efferent Autonomic Pathways. <i>Diabetes</i> , 2016 , 65, 421-32	0.9	37
133	Fatty Acids and Hypothalamic Dysfunction in Obesity 2016 , 557-582		
132	Hypothalamic Leptin Resistance: From BBB to BBSome. <i>PLoS Genetics</i> , 2016 , 12, e1005980	6	10
131	Hypothalamic AMPK: a canonical regulator of whole-body energy balance. <i>Nature Reviews Endocrinology</i> , 2016 , 12, 421-32	15.2	161

130	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, 2735-49	4.8	20
129	Glucagon-Like Peptide 1 Analogs and their Effects on Pancreatic Islets. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 304-318	8.8	41
128	Molecular mechanisms of appetite and obesity: a role for brain AMPK. <i>Clinical Science</i> , 2016 , 130, 1697-709	9	17
127	Acute stimulation of brain mu opioid receptors inhibits glucose-stimulated insulin secretion via sympathetic innervation. <i>Neuropharmacology</i> , 2016 , 110, 322-332	5.5	11
126	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. <i>Cell Reports</i> , 2016 , 16, 2231-2242	10.6	80
125	Hypothalamus and thermogenesis: Heating the BAT, browning the WAT. <i>Molecular and Cellular Endocrinology</i> , 2016 , 438, 107-115	4.4	59
124	Hypothalamic GLP-1: the control of BAT thermogenesis and browning of white fat. <i>Adipocyte</i> , 2015 , 4, 141-5	3.2	32
123	Orexins (hypocretins) and energy balance: More than feeding. <i>Molecular and Cellular Endocrinology</i> , 2015 , 418 Pt 1, 17-26	4.4	21
122	Hypothalamic-autonomic control of energy homeostasis. <i>Endocrine</i> , 2015 , 50, 276-91	4	113
121	Estrogens and the control of energy homeostasis: a brain perspective. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 411-21	8.8	82
120	Come to Where Insulin Resistance Is, Come to AMPK Country. <i>Cell Metabolism</i> , 2015 , 21, 663-5	24.6	11
119	Pharmacological inhibition of PI3K reduces adiposity and metabolic syndrome in obese mice and rhesus monkeys. <i>Cell Metabolism</i> , 2015 , 21, 558-70	24.6	63
118	Acute but not chronic activation of brain glucagon-like peptide-1 receptors enhances glucose-stimulated insulin secretion in mice. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 789-99	6.7	11
117	AMPK and PFKFB3 mediate glycolysis and survival in response to mitophagy during mitotic arrest. <i>Nature Cell Biology</i> , 2015 , 17, 1304-16	23.4	155
116	Lack of Hypophagia in CB1 Null Mice is Associated to Decreased Hypothalamic POMC and CART Expression. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18,	5.8	10
115	The brain and brown fat. <i>Annals of Medicine</i> , 2015 , 47, 150-68	1.5	104
114	Hypothalamic CaMKK β mediates glucagon anorectic effect and its diet-induced resistance. <i>Molecular Metabolism</i> , 2015 , 4, 961-70	8.8	30
113	What is the real relevance of endogenous ghrelin?. <i>Peptides</i> , 2015 , 70, 1-6	3.8	12

112	Ghrelin. <i>Molecular Metabolism</i> , 2015 , 4, 437-60	8.8	588
111	Pregnancy induces resistance to the anorectic effect of hypothalamic malonyl-CoA and the thermogenic effect of hypothalamic AMPK inhibition in female rats. <i>Endocrinology</i> , 2015 , 156, 947-60	4.8	45
110	Nicotine improves obesity and hepatic steatosis and ER stress in diet-induced obese male rats. <i>Endocrinology</i> , 2014 , 155, 1679-89	4.8	66
109	GLP-1 agonism stimulates brown adipose tissue thermogenesis and browning through hypothalamic AMPK. <i>Diabetes</i> , 2014 , 63, 3346-58	0.9	330
108	Hypothalamic mTOR: the rookie energy sensor. <i>Current Molecular Medicine</i> , 2014 , 14, 3-21	2.5	69
107	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, 159-69	4.4	23
106	Hypothalamic effects of thyroid hormones on metabolism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2014 , 28, 703-12	6.5	40
105	Ceramide sensing in the hippocampus: The lipostatic theory and Ockham's razor. <i>Molecular Metabolism</i> , 2014 , 3, 90-1	8.8	5
104	Estradiol regulates brown adipose tissue thermogenesis via hypothalamic AMPK. <i>Cell Metabolism</i> , 2014 , 20, 41-53	24.6	264
103	Regulation of NR4A by nutritional status, gender, postnatal development and hormonal deficiency. <i>Scientific Reports</i> , 2014 , 4, 4264	4.9	23
102	Central ceramide-induced hypothalamic lipotoxicity and ER stress regulate energy balance. <i>Cell Reports</i> , 2014 , 9, 366-377	10.6	148
101	Olanzapine depot formulation in rat: a step forward in modelling antipsychotic-induced metabolic adverse effects. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 91-104	5.8	35
100	Hypothalamic KLF4 mediates leptin's effects on food intake via AgRP. <i>Molecular Metabolism</i> , 2014 , 3, 441-51	8.8	17
99	Review of novel aspects of the regulation of ghrelin secretion. <i>Current Drug Metabolism</i> , 2014 , 15, 398-413	3.3	23
98	The Central Nervous System in Metabolic Syndrome 2014 , 137-156		
97	Myostatin expression is regulated by underfeeding and neonatal programming in rats. <i>Journal of Physiology and Biochemistry</i> , 2013 , 69, 15-23	5	10
96	Central manipulation of dopamine receptors attenuates the orexigenic action of ghrelin. <i>Psychopharmacology</i> , 2013 , 229, 275-83	4.7	15
95	Hypothalamic μ -opioid receptor modulates the orexigenic effect of ghrelin. <i>Neuropsychopharmacology</i> , 2013 , 38, 1296-307	8.7	27

94	Energy balance regulation by thyroid hormones at central level. <i>Trends in Molecular Medicine</i> , 2013 , 19, 418-27	11.5	124
93	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	13.3	64
92	Ghrelin requires p53 to stimulate lipid storage in fat and liver. <i>Endocrinology</i> , 2013 , 154, 3671-9	4.8	47
91	The orexigenic effect of orexin-A revisited: dependence of an intact growth hormone axis. <i>Endocrinology</i> , 2013 , 154, 3589-98	4.8	11
90	Firing up brown fat with brain amylin. <i>Endocrinology</i> , 2013 , 154, 2263-5	4.8	4
89	Effects of neonatal programming on hypothalamic mechanisms controlling energy balance. <i>Hormone and Metabolic Research</i> , 2013 , 45, 935-44	3.1	17
88	Irisin, two years later. <i>International Journal of Endocrinology</i> , 2013 , 2013, 746281	2.7	75
87	Hypothalamic ceramide levels regulated by CPT1C mediate the orexigenic effect of ghrelin. <i>Diabetes</i> , 2013 , 62, 2329-37	0.9	66
86	Adaptive changes of the Insig1/SREBP1/SCD1 set point help adipose tissue to cope with increased storage demands of obesity. <i>Diabetes</i> , 2013 , 62, 3697-708	0.9	56
85	Ghrelin, Lipid Metabolism, and Metabolic Syndrome 2013 , 475-484		
84	Female Nur77-deficient mice show increased susceptibility to diet-induced obesity. <i>PLoS ONE</i> , 2013 , 8, e53836	3.7	30
83	Heterozygous deficiency of endoglin decreases insulin and hepatic triglyceride levels during high fat diet. <i>PLoS ONE</i> , 2013 , 8, e54591	3.7	9
82	Hyperthyroidism differentially regulates neuropeptide S system in the rat brain. <i>Brain Research</i> , 2012 , 1450, 40-8	3.7	11
81	Regulation of lipin1 by nutritional status, adiponectin, sex and pituitary function in rat white adipose tissue. <i>Physiology and Behavior</i> , 2012 , 105, 777-83	3.5	12
80	The atypical cannabinoid O-1602 stimulates food intake and adiposity in rats. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 234-43	6.7	33
79	Acute effects of orexigenic antipsychotic drugs on lipid and carbohydrate metabolism in rat. <i>Psychopharmacology</i> , 2012 , 219, 783-94	4.7	60
78	BMP8B increases brown adipose tissue thermogenesis through both central and peripheral actions. <i>Cell</i> , 2012 , 149, 871-85	56.2	419
77	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, 163-79	5.8	63

76	Hypothalamic mTOR signaling mediates the orexigenic action of ghrelin. <i>PLoS ONE</i> , 2012 , 7, e46923	3.7	89
75	Hypothalamic mTOR pathway mediates thyroid hormone-induced hyperphagia in hyperthyroidism. <i>Journal of Pathology</i> , 2012 , 227, 209-22	9.4	75
74	The opioid system and food intake: homeostatic and hedonic mechanisms. <i>Obesity Facts</i> , 2012 , 5, 196-207.1	7.1	93
73	Nicotine induces negative energy balance through hypothalamic AMP-activated protein kinase. <i>Diabetes</i> , 2012 , 61, 807-17	0.9	129
72	Using brown adipose tissue to treat obesity - the central issue. <i>Trends in Molecular Medicine</i> , 2011 , 17, 405-11	11.5	109
71	The arcuate nucleus and neuropeptide Y contribute to the antitumorigenic effect of calorie restriction. <i>Aging Cell</i> , 2011 , 10, 483-92	9.9	21
70	Hypothalamic AMP-activated protein kinase as a mediator of whole body energy balance. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011 , 12, 127-40	10.5	59
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