

Randy J Seeley

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366
papers

35,198
citations

94
h-index

179
g-index

398
ext. papers

38,839
ext. citations

9.5
avg, IF

7.11
L-index

#	Paper	IF	Citations
366	Central nervous system control of food intake. <i>Nature</i> , 2000 , 404, 661-71	50.4	4703
365	Identification of targets of leptin action in rat hypothalamus. <i>Journal of Clinical Investigation</i> , 1996 , 98, 1101-6	15.9	1093
364	Hypothalamic mTOR signaling regulates food intake. <i>Science</i> , 2006 , 312, 927-30	33.3	973
363	Signals that regulate food intake and energy homeostasis. <i>Science</i> , 1998 , 280, 1378-83	33.3	962
362	Leptin increases hypothalamic pro-opiomelanocortin mRNA expression in the rostral arcuate nucleus. <i>Diabetes</i> , 1997 , 46, 2119-23	0.9	728
361	FXR is a molecular target for the effects of vertical sleeve gastrectomy. <i>Nature</i> , 2014 , 509, 183-8	50.4	692
360	A randomized trial comparing a very low carbohydrate diet and a calorie-restricted low fat diet on body weight and cardiovascular risk factors in healthy women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1617-23	5.6	596
359	Ghrelin. <i>Molecular Metabolism</i> , 2015 , 4, 437-60	8.8	588
358	Obesity and leptin resistance: distinguishing cause from effect. <i>Trends in Endocrinology and Metabolism</i> , 2010 , 21, 643-51	8.8	523
357	Mice lacking ghrelin receptors resist the development of diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3564-72	15.9	471
356	Melanocortin receptors in leptin effects. <i>Nature</i> , 1997 , 390, 349	50.4	400
355	Insulin activation of phosphatidylinositol 3-kinase in the hypothalamic arcuate nucleus: a key mediator of insulin-induced anorexia. <i>Diabetes</i> , 2003 , 52, 227-31	0.9	394
354	Glucagon-like peptide 1 (GLP-1). <i>Molecular Metabolism</i> , 2019 , 30, 72-130	8.8	364
353	A rationally designed monomeric peptide triagonist corrects obesity and diabetes in rodents. <i>Nature Medicine</i> , 2015 , 21, 27-36	50.5	363
352	A controlled high-fat diet induces an obese syndrome in rats. <i>Journal of Nutrition</i> , 2003 , 133, 1081-7	4.1	353
351	The catabolic action of insulin in the brain is mediated by melanocortins. <i>Journal of Neuroscience</i> , 2002 , 22, 9048-52	6.6	331
350	Leptin acts via leptin receptor-expressing lateral hypothalamic neurons to modulate the mesolimbic dopamine system and suppress feeding. <i>Cell Metabolism</i> , 2009 , 10, 89-98	24.6	315

349	Insulin and leptin: dual adiposity signals to the brain for the regulation of food intake and body weight. <i>Brain Research</i> , 1999 , 848, 114-23	3.7	311
348	Cloned mice have an obese phenotype not transmitted to their offspring. <i>Nature Medicine</i> , 2002 , 8, 262-70.5	30.5	298
347	Is the energy homeostasis system inherently biased toward weight gain?. <i>Diabetes</i> , 2003 , 52, 232-8	0.9	292
346	Intracerebroventricular insulin enhances memory in a passive-avoidance task. <i>Physiology and Behavior</i> , 2000 , 68, 509-14	3.5	274
345	Food intake and the regulation of body weight. <i>Annual Review of Psychology</i> , 2000 , 51, 255-77	26.1	270
344	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017 , 38, 267-296	27.2	264
343	Effects of a fixed meal pattern on ghrelin secretion: evidence for a learned response independent of nutrient status. <i>Endocrinology</i> , 2006 , 147, 23-30	4.8	259
342	Glucagon-like peptide-1 (GLP-1) receptors expressed on nerve terminals in the portal vein mediate the effects of endogenous GLP-1 on glucose tolerance in rats. <i>Endocrinology</i> , 2007 , 148, 4965-73	4.8	256
341	Arcuate glucagon-like peptide 1 receptors regulate glucose homeostasis but not food intake. <i>Diabetes</i> , 2008 , 57, 2046-54	0.9	254
340	Insulin and the blood-brain barrier. <i>Current Pharmaceutical Design</i> , 2003 , 9, 795-800	3.3	253
339	The diverse roles of specific GLP-1 receptors in the control of food intake and the response to visceral illness. <i>Journal of Neuroscience</i> , 2002 , 22, 10470-6	6.6	249
338	High-fructose, medium chain trans fat diet induces liver fibrosis and elevates plasma coenzyme Q9 in a novel murine model of obesity and nonalcoholic steatohepatitis. <i>Hepatology</i> , 2010 , 52, 934-44	11.2	248
337	Brainstem application of melanocortin receptor ligands produces long-lasting effects on feeding and body weight. <i>Journal of Neuroscience</i> , 1998 , 18, 10128-35	6.6	247
336	Intraventricular leptin reduces food intake and body weight of lean rats but not obese Zucker rats. <i>Hormone and Metabolic Research</i> , 1996 , 28, 664-8	3.1	234
335	Weight loss through ileal transposition is accompanied by increased ileal hormone secretion and synthesis in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E447-53	6	232
334	Neuronal GLP1R mediates liraglutide@ anorectic but not glucose-lowering effect. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2456-63	15.9	229
333	Weight-independent changes in blood glucose homeostasis after gastric bypass or vertical sleeve gastrectomy in rats. <i>Gastroenterology</i> , 2011 , 141, 950-8	13.3	226
332	Seminars in medicine of the Beth Israel Deaconess Medical Center. Neuroendocrine responses to starvation and weight loss. <i>New England Journal of Medicine</i> , 1997 , 336, 1802-11	59.2	226

331	Vertical sleeve gastrectomy is effective in two genetic mouse models of glucagon-like Peptide 1 receptor deficiency. <i>Diabetes</i> , 2013 , 62, 2380-5	0.9	225
330	Cooperation between brain and islet in glucose homeostasis and diabetes. <i>Nature</i> , 2013 , 503, 59-66	50.4	220
329	All bariatric surgeries are not created equal: insights from mechanistic comparisons. <i>Endocrine Reviews</i> , 2012 , 33, 595-622	27.2	220
328	Comparative analysis of ACTH and corticosterone sampling methods in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E823-8	6	218
327	Joint international consensus statement for ending stigma of obesity. <i>Nature Medicine</i> , 2020 , 26, 485-497	30.5	210
326	Long-term orexigenic effects of AgRP-(83---132) involve mechanisms other than melanocortin receptor blockade. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R47-52	3.2	210
325	Insulin and leptin as adiposity signals. <i>Endocrine Reviews</i> , 2004 , 59, 267-85		205
324	Targeted estrogen delivery reverses the metabolic syndrome. <i>Nature Medicine</i> , 2012 , 18, 1847-56	50.5	201
323	Monitoring of stored and available fuel by the CNS: implications for obesity. <i>Nature Reviews Neuroscience</i> , 2003 , 4, 901-9	13.5	188
322	Adiposity signals and the control of energy homeostasis. <i>Nutrition</i> , 2000 , 16, 894-902	4.8	182
321	CNS glucagon-like peptide-1 receptors mediate endocrine and anxiety responses to interoceptive and psychogenic stressors. <i>Journal of Neuroscience</i> , 2003 , 23, 6163-70	6.6	176
320	Role of the CNS melanocortin system in the response to overfeeding. <i>Journal of Neuroscience</i> , 1999 , 19, 2362-7	6.6	172
319	Leptin receptor long-form splice-variant protein expression in neuron cell bodies of the brain and co-localization with neuropeptide Y mRNA in the arcuate nucleus. <i>Journal of Histochemistry and Cytochemistry</i> , 1999 , 47, 353-62	3.4	170
318	A role for central nervous system PPAR- α in the regulation of energy balance. <i>Nature Medicine</i> , 2011 , 17, 623-6	50.5	168
317	Sexual differences in the control of energy homeostasis. <i>Frontiers in Neuroendocrinology</i> , 2009 , 30, 396-404	40.4	163
316	Hormones and diet, but not body weight, control hypothalamic microglial activity. <i>Glia</i> , 2014 , 62, 17-25	9	161
315	Obesity, diabetes and the central nervous system. <i>Diabetologia</i> , 1998 , 41, 863-81	10.3	159
314	Fibroblast growth factor 21 mediates specific glucagon actions. <i>Diabetes</i> , 2013 , 62, 1453-63	0.9	158

313	The role of CNS glucagon-like peptide-1 (7-36) amide receptors in mediating the visceral illness effects of lithium chloride. <i>Journal of Neuroscience</i> , 2000 , 20, 1616-21	6.6	158
312	A novel selective melanocortin-4 receptor agonist reduces food intake in rats and mice without producing aversive consequences. <i>Journal of Neuroscience</i> , 2000 , 20, 3442-8	6.6	157
311	Sleeve gastrectomy induces loss of weight and fat mass in obese rats, but does not affect leptin sensitivity. <i>Gastroenterology</i> , 2010 , 138, 2426-36, 2436.e1-3	13.3	156
310	Amylin: a novel action in the brain to reduce body weight. <i>Endocrinology</i> , 2000 , 141, 850-3	4.8	156
309	Hypothalamic melanin-concentrating hormone and estrogen-induced weight loss. <i>Journal of Neuroscience</i> , 2000 , 20, 8637-42	6.6	153
308	The role of hypothalamic mammalian target of rapamycin complex 1 signaling in diet-induced obesity. <i>Journal of Neuroscience</i> , 2008 , 28, 7202-8	6.6	152
307	The role of gut adaptation in the potent effects of multiple bariatric surgeries on obesity and diabetes. <i>Cell Metabolism</i> , 2015 , 21, 369-78	24.6	149
306	GLP-1 and energy balance: an integrated model of short-term and long-term control. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 507-16	15.2	147
305	Pleasurable behaviors reduce stress via brain reward pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20529-34	11.5	146
304	Increased expression of mRNA for the long form of the leptin receptor in the hypothalamus is associated with leptin hypersensitivity and fasting. <i>Diabetes</i> , 1998 , 47, 538-43	0.9	146
303	Gut-Brain Cross-Talk in Metabolic Control. <i>Cell</i> , 2017 , 168, 758-774	56.2	144
302	Vertical sleeve gastrectomy reduces hepatic steatosis while increasing serum bile acids in a weight-loss-independent manner. <i>Obesity</i> , 2014 , 22, 390-400	8	141
301	The integrative role of CNS fuel-sensing mechanisms in energy balance and glucose regulation. <i>Annual Review of Physiology</i> , 2008 , 70, 513-35	23.1	140
300	Eating elicited by orexin-a, but not melanin-concentrating hormone, is opioid mediated. <i>Endocrinology</i> , 2002 , 143, 2995-3000	4.8	139
299	Inhibition of central amylin signaling increases food intake and body adiposity in rats. <i>Endocrinology</i> , 2001 , 142, 5035	4.8	137
298	The Role of Pancreatic Preproglucagon in Glucose Homeostasis in Mice. <i>Cell Metabolism</i> , 2017 , 25, 927-934	24.6	129
297	Perinatal exposure to bisphenol-a and the development of metabolic syndrome in CD-1 mice. <i>Endocrinology</i> , 2010 , 151, 2603-12	4.8	129
296	Consumption of a high-fat diet induces central insulin resistance independent of adiposity. <i>Physiology and Behavior</i> , 2011 , 103, 10-6	3.5	128

295	The critical role of the melanocortin system in the control of energy balance. <i>Annual Review of Nutrition</i> , 2004 , 24, 133-49	9.9	125
294	Consumption of a high-fat diet alters the homeostatic regulation of energy balance. <i>Physiology and Behavior</i> , 2004 , 83, 573-8	3.5	122
293	Intestinal adaptation after ileal interposition surgery increases bile acid recycling and protects against obesity-related comorbidities. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, G652-60	5.1	119
292	Hyperphagia and increased fat accumulation in two models of chronic CNS glucagon-like peptide-1 loss of function. <i>Journal of Neuroscience</i> , 2011 , 31, 3904-13	6.6	119
291	The effects of vertical sleeve gastrectomy in rodents are ghrelin independent. <i>Gastroenterology</i> , 2013 , 144, 50-52.e5	13.3	118
290	Fibroblast growth factor-19 action in the brain reduces food intake and body weight and improves glucose tolerance in male rats. <i>Endocrinology</i> , 2013 , 154, 9-15	4.8	116
289	The role of cell glucagon-like peptide-1 signaling in glucose regulation and response to diabetes drugs. <i>Cell Metabolism</i> , 2014 , 19, 1050-7	24.6	114
288	Regulation of gastric emptying rate and its role in nutrient-induced GLP-1 secretion in rats after vertical sleeve gastrectomy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E424-32	6	111
287	The effect of vertical sleeve gastrectomy on food choice in rats. <i>International Journal of Obesity</i> , 2013 , 37, 288-95	5.5	111
286	Regulation of food intake through hypothalamic signaling networks involving mTOR. <i>Annual Review of Nutrition</i> , 2008 , 28, 295-311	9.9	107
285	Role of central nervous system glucagon-like Peptide-1 receptors in enteric glucose sensing. <i>Diabetes</i> , 2008 , 57, 2603-12	0.9	106
284	The role of energy expenditure in the differential weight loss in obese women on low-fat and low-carbohydrate diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1475-82	5.6	106
283	How Strongly Does Appetite Counter Weight Loss? Quantification of the Feedback Control of Human Energy Intake. <i>Obesity</i> , 2016 , 24, 2289-2295	8	105
282	Insulin and leptin combine additively to reduce food intake and body weight in rats. <i>Endocrinology</i> , 2002 , 143, 2449-52	4.8	105
281	The evaluation of insulin as a metabolic signal influencing behavior via the brain. <i>Neuroscience and Biobehavioral Reviews</i> , 1996 , 20, 139-44	9	105
280	Intraventricular GLP-1 reduces short- but not long-term food intake or body weight in lean and obese rats. <i>Brain Research</i> , 1998 , 779, 75-83	3.7	104
279	Lesions of the central nucleus of the amygdala. I: Effects on taste reactivity, taste aversion learning and sodium appetite. <i>Behavioural Brain Research</i> , 1993 , 59, 11-7	3.4	102
278	Duodenal-jejunal exclusion improves glucose tolerance in the diabetic, Goto-Kakizaki rat by a GLP-1 receptor-mediated mechanism. <i>Journal of Gastrointestinal Surgery</i> , 2009 , 13, 1762-72	3.3	101

277	A surgical model in male obese rats uncovers protective effects of bile acids post-bariatric surgery. <i>Endocrinology</i> , 2013 , 154, 2341-51	4.8	99
276	PYY3-36 as an anti-obesity drug target. <i>Obesity Reviews</i> , 2005 , 6, 307-22	10.6	99
275	The role of CNS fuel sensing in energy and glucose regulation. <i>Gastroenterology</i> , 2007 , 132, 2158-68	13.3	96
274	Opioid receptor involvement in the effect of AgRP- (83-132) on food intake and food selection. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R814-21	3.2	94
273	Low plasma leptin levels contribute to diabetic hyperphagia in rats. <i>Diabetes</i> , 1999 , 48, 1275-80	0.9	94
272	Synaptic plasticity in neuronal circuits regulating energy balance. <i>Nature Neuroscience</i> , 2012 , 15, 1336-42	5.5	92
271	Diet-induced weight loss is associated with decreases in plasma serum amyloid a and C-reactive protein independent of dietary macronutrient composition in obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2244-9	5.6	92
270	Inactivation of the cardiomyocyte glucagon-like peptide-1 receptor (GLP-1R) unmasks cardiomyocyte-independent GLP-1R-mediated cardioprotection. <i>Molecular Metabolism</i> , 2014 , 3, 507-17	8.8	85
269	Effect of growth hormone on susceptibility to diet-induced obesity. <i>Endocrinology</i> , 2006 , 147, 2801-8	4.8	85
268	Central nervous system mechanisms linking the consumption of palatable high-fat diets to the defense of greater adiposity. <i>Cell Metabolism</i> , 2012 , 15, 137-49	24.6	84
267	Comparison of central and peripheral administration of C75 on food intake, body weight, and conditioned taste aversion. <i>Diabetes</i> , 2002 , 51, 3196-201	0.9	79
266	Sleeve gastrectomy in rats improves postprandial lipid clearance by reducing intestinal triglyceride secretion. <i>Gastroenterology</i> , 2011 , 141, 939-949.e1-4	13.3	78
265	Meal-anticipatory glucagon-like peptide-1 secretion in rats. <i>Endocrinology</i> , 2010 , 151, 569-75	4.8	78
264	Targeting the CNS to treat type 2 diabetes. <i>Nature Reviews Drug Discovery</i> , 2009 , 8, 386-98	64.1	78
263	Central infusion of glucagon-like peptide-1-(7-36) amide (GLP-1) receptor antagonist attenuates lithium chloride-induced c-Fos induction in rat brainstem. <i>Brain Research</i> , 1998 , 801, 164-70	3.7	76
262	The role of central glucagon-like peptide-1 in mediating the effects of visceral illness: differential effects in rats and mice. <i>Endocrinology</i> , 2005 , 146, 458-62	4.8	76
261	Wired on sugar: the role of the CNS in the regulation of glucose homeostasis. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 24-37	13.5	75
260	Mechanisms of oleoylethanolamide-induced changes in feeding behavior and motor activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R729-37	3.2	75

259	The new biology of body weight regulation. <i>Journal of the American Dietetic Association</i> , 1997 , 97, 54-8; quiz 59-60		73
258	CNS melanocortin system involvement in the regulation of food intake. <i>Hormones and Behavior</i> , 2000 , 37, 299-305	3.7	73
257	Enhanced AMPA Receptor Trafficking Mediates the Anorexigenic Effect of Endogenous Glucagon-like Peptide-1 in the Paraventricular Hypothalamus. <i>Neuron</i> , 2017 , 96, 897-909.e5	13.9	72
256	The role of GM-CSF in adipose tissue inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E1038-46	6	71
255	Loss of cytokine-STAT5 signaling in the CNS and pituitary gland alters energy balance and leads to obesity. <i>PLoS ONE</i> , 2008 , 3, e1639	3.7	71
254	Dietary sugars, not lipids, drive hypothalamic inflammation. <i>Molecular Metabolism</i> , 2017 , 6, 897-908	8.8	70
253	Immediate and prolonged patterns of Agouti-related peptide-(83--132)-induced c-Fos activation in hypothalamic and extrahypothalamic sites. <i>Endocrinology</i> , 2001 , 142, 1050-6	4.8	70
252	Mice lacking the syndecan-3 gene are resistant to diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1354-60	15.9	70
251	NPY and food intake: discrepancies in the model. <i>Regulatory Peptides</i> , 1998 , 75-76, 403-8		69
250	Signalling from the periphery to the brain that regulates energy homeostasis. <i>Nature Reviews Neuroscience</i> , 2018 , 19, 185-196	13.5	68
249	Fasting and postprandial concentrations of GLP-1 in intestinal lymph and portal plasma: evidence for selective release of GLP-1 in the lymph system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R2163-9	3.2	68
248	Complex regulation of mammalian target of rapamycin complex 1 in the basomedial hypothalamus by leptin and nutritional status. <i>Endocrinology</i> , 2009 , 150, 4541-51	4.8	66
247	C75 inhibits food intake by increasing CNS glucose metabolism. <i>Nature Medicine</i> , 2003 , 9, 483-5	50.5	66
246	Angiotensin type 1a receptors in the paraventricular nucleus of the hypothalamus protect against diet-induced obesity. <i>Journal of Neuroscience</i> , 2013 , 33, 4825-33	6.6	64
245	Central infusion of melanocortin agonist MTII in rats: assessment of c-Fos expression and taste aversion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 274, R248-54	3.2	63
244	Gastric bypass surgery attenuates ethanol consumption in ethanol-preferring rats. <i>Biological Psychiatry</i> , 2012 , 72, 354-60	7.9	62
243	The effect of angiotensin-converting enzyme inhibition using captopril on energy balance and glucose homeostasis. <i>Endocrinology</i> , 2009 , 150, 4114-23	4.8	62
242	GM-CSF action in the CNS decreases food intake and body weight. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3035-44	15.9	62

241	Does bariatric surgery improve adipose tissue function?. <i>Obesity Reviews</i> , 2016 , 17, 795-809	10.6	62
240	The Hypothalamic Glucagon-Like Peptide 1 Receptor Is Sufficient but Not Necessary for the Regulation of Energy Balance and Glucose Homeostasis in Mice. <i>Diabetes</i> , 2017 , 66, 372-384	0.9	61
239	Sexually different actions of leptin in proopiomelanocortin neurons to regulate glucose homeostasis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E630-9	6	61
238	Ciliary neurotrophic factor and leptin induce distinct patterns of immediate early gene expression in the brain. <i>Diabetes</i> , 2004 , 53, 911-20	0.9	61
237	Intestinal satiety protein apolipoprotein AIV is synthesized and regulated in rat hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R1382-7	3.2	60
236	Neurological dissociation of gastrointestinal and metabolic contributions to meal size control.. <i>Behavioral Neuroscience</i> , 1994 , 108, 347-352	2.1	60
235	Liraglutide Modulates Appetite and Body Weight Through Glucagon-Like Peptide 1 Receptor-Expressing Glutamatergic Neurons. <i>Diabetes</i> , 2018 , 67, 1538-1548	0.9	60
234	Similar effects of roux-en-Y gastric bypass and vertical sleeve gastrectomy on glucose regulation in rats. <i>Physiology and Behavior</i> , 2011 , 105, 120-3	3.5	59
233	Intraventricular insulin enhances the meal-suppressive efficacy of intraventricular cholecystokinin octapeptide in the baboon.. <i>Behavioral Neuroscience</i> , 1995 , 109, 567-569	2.1	59
232	Expression of new loci associated with obesity in diet-induced obese rats: from genetics to physiology. <i>Obesity</i> , 2012 , 20, 306-12	8	58
231	Effect of vertical sleeve gastrectomy on food selection and satiation in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E1076-84	6	58
230	Visceral abdominal fat is correlated with whole-body fat and physical activity among 8-y-old children at risk of obesity. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 46-53	7	58
229	Forebrain contribution to the induction of a cellular correlate of conditioned taste aversion in the nucleus of the solitary tract. <i>Journal of Neuroscience</i> , 1995 , 15, 6789-96	6.6	58
228	A comparison between effects of intraventricular insulin and intraperitoneal lithium chloride on three measures sensitive to emetic agents.. <i>Behavioral Neuroscience</i> , 1995 , 109, 547-550	2.1	58
227	Subcutaneous Adipose Tissue Transplantation in Diet-Induced Obese Mice Attenuates Metabolic Dysregulation While Removal Exacerbates It. <i>Physiological Reports</i> , 2013 , 1,	2.6	57
226	The Physiology and Molecular Underpinnings of the Effects of Bariatric Surgery on Obesity and Diabetes. <i>Annual Review of Physiology</i> , 2017 , 79, 313-334	23.1	56
225	The effect of fat removal on glucose tolerance is depot specific in male and female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1012-20	6	56
224	Roux-en-Y gastric bypass surgery but not vertical sleeve gastrectomy decreases bone mass in male rats. <i>Endocrinology</i> , 2013 , 154, 2015-24	4.8	55

223	Food intake-independent effects of CB1 antagonism on glucose and lipid metabolism. <i>Obesity</i> , 2009 , 17, 1641-5	8	54
222	Inhibition of Central Amylin Signaling Increases Food Intake and Body Adiposity in Rats		54
221	Differences in the central anorectic effects of glucagon-like peptide-1 and exendin-4 in rats. <i>Diabetes</i> , 2009 , 58, 2820-7	0.9	53
220	Central angiotensin II has catabolic action at white and brown adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1081-91	6	53
219	Increased dietary fat attenuates the anorexic effects of intracerebroventricular injections of MTII. <i>Endocrinology</i> , 2003 , 144, 2941-6	4.8	53
218	Amylin and insulin interact to reduce food intake in rats. <i>Hormone and Metabolic Research</i> , 2000 , 32, 62-5.1		53
217	Effect of a high-fat diet on food intake and hypothalamic neuropeptide gene expression in streptozotocin diabetes. <i>Journal of Clinical Investigation</i> , 1998 , 102, 340-6	15.9	52
216	Eating Elicited by Orexin-A, But Not Melanin-Concentrating Hormone, Is Opioid Mediated		52
215	Integration of satiety signals by the central nervous system. <i>Current Biology</i> , 2013 , 23, R379-88	6.3	51
214	Acute 3rd-ventricular amylin infusion potently reduces food intake but does not produce aversive consequences. <i>Peptides</i> , 2002 , 23, 985-8	3.8	51
213	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. <i>Cell Metabolism</i> , 2017 , 26, 620-632.e6	24.6	50
212	Targeting FXR and FGF19 to Treat Metabolic Diseases-Lessons Learned From Bariatric Surgery. <i>Diabetes</i> , 2018 , 67, 1720-1728	0.9	50
211	Intraventricular melanin-concentrating hormone stimulates water intake independent of food intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 284, R494-9	3.2	50
210	Syndecan-3 modulates food intake by interacting with the melanocortin/AgRP pathway. <i>Annals of the New York Academy of Sciences</i> , 2003 , 994, 66-73	6.5	50
209	Impaired glucose tolerance in rats fed low-carbohydrate, high-fat diets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E1059-70	6	48
208	Disruption of Glucagon-Like Peptide 1 Signaling in Sim1 Neurons Reduces Physiological and Behavioral Reactivity to Acute and Chronic Stress. <i>Journal of Neuroscience</i> , 2017 , 37, 184-193	6.6	48
207	The autonomic nervous system and cardiac GLP-1 receptors control heart rate in mice. <i>Molecular Metabolism</i> , 2017 , 6, 1339-1349	8.8	45
206	Mechanisms underlying weight loss and metabolic improvements in rodent models of bariatric surgery. <i>Diabetologia</i> , 2015 , 58, 211-20	10.3	45

205	Peptide designed to elicit apoptosis in adipose tissue endothelium reduces food intake and body weight. <i>Diabetes</i> , 2010 , 59, 907-15	0.9	45
204	Leptin in energy balance and reward: two faces of the same coin?. <i>Neuron</i> , 2006 , 51, 678-80	13.9	45
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