

Randy J Seeley

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.

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	Gut HIF2 β signaling is increased after VSG, and gut activation of HIF2 β decreases weight, improves glucose, and increases GLP-1 secretion.. <i>Cell Reports</i> , 2022 , 38, 110270	10.6	1
365	Vertical Sleeve Gastrectomy Increases Duodenal Lactobacillus spp. Richness Associated with Activation of Intestinal HIF2 β Signaling and Metabolic Benefits.. <i>Molecular Metabolism</i> , 2022 , 101432	8.8	0
364	Misleading or factually incorrect statements in the American Journal of Clinical Nutrition Perspectives article by Ludwig et al.. <i>American Journal of Clinical Nutrition</i> , 2022 , 115, 591-592	7	0
363	Dietary induction and reversal of obesity and insulin resistance is associated with changes in Fgf21 DNA methylation in liver of mice. <i>Journal of Nutritional Biochemistry</i> , 2021 , 100, 108907	6.3	2
362	High-throughput mediation analysis of human proteome and metabolome identifies mediators of post-bariatric surgical diabetes control. <i>Nature Communications</i> , 2021 , 12, 6951	17.4	2
361	CNS GNPDA2 Does Not Control Appetite, but Regulates Glucose Homeostasis.. <i>Frontiers in Nutrition</i> , 2021 , 8, 787470	6.2	0
360	Vascular reactivity contributes to adipose tissue remodeling in obesity. <i>Journal of Endocrinology</i> , 2021 , 251, 195-206	4.7	0
359	Differential importance of endothelial and hematopoietic cell GLP-1Rs for cardiometabolic versus hepatic actions of semaglutide. <i>JCI Insight</i> , 2021 , 6,	9.9	2
358	Mice as experimental models for human physiology: when several degrees in housing temperature matter. <i>Nature Metabolism</i> , 2021 , 3, 443-445	14.6	10
357	Gastrokine-1, an anti-amyloidogenic protein secreted by the stomach, regulates diet-induced obesity. <i>Scientific Reports</i> , 2021 , 11, 9477	4.9	1
356	The gut microbiota regulates hypothalamic inflammation and leptin sensitivity in Western diet-fed mice via a GLP-1R-dependent mechanism. <i>Cell Reports</i> , 2021 , 35, 109163	10.6	12
355	A BAFF/APRIL axis regulates obesogenic diet-driven weight gain. <i>Nature Communications</i> , 2021 , 12, 29117.4	17.4	4
354	Anorexia and Fat Aversion Induced by Vertical Sleeve Gastrectomy Is Attenuated in Neurotensin Receptor 1-Deficient Mice. <i>Endocrinology</i> , 2021 , 162,	4.8	2
353	Growth differentiation factor 15 neutralization does not impact anorexia or survival in lipopolysaccharide-induced inflammation. <i>iScience</i> , 2021 , 24, 102554	6.1	3
352	Intestinal extracellular vesicles are altered by vertical sleeve gastrectomy. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G153-G165	5.1	2
351	Improved in vivo imaging method for individual islets across the mouse pancreas reveals a heterogeneous insulin secretion response to glucose. <i>Scientific Reports</i> , 2021 , 11, 603	4.9	4
350	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , 2021 , 12, 1041	17.4	23

349	GFRAL-expressing neurons suppress food intake via aversive pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
348	Physiology of Energy Intake in the Weight-Reduced State. <i>Obesity</i> , 2021 , 29 Suppl 1, S25-S30	8	1
347	Intestinal-derived FGF15 protects against deleterious effects of vertical sleeve gastrectomy in mice. <i>Nature Communications</i> , 2021 , 12, 4768	17.4	3
346	Restructuring of the male mice peripheral circadian network after bariatric surgery. <i>Journal of Endocrinology</i> , 2021 , 250, 67-79	4.7	2
345	Leveraging the Gut to Treat Metabolic Disease. <i>Cell Metabolism</i> , 2020 , 31, 679-698	24.6	19
344	Joint international consensus statement for ending stigma of obesity. <i>Nature Medicine</i> , 2020 , 26, 485-497	30.5	210
343	Some Caveats when Interpreting Surgical Mouse Models of Vertical Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2020 , 30, 1582-1585	3.7	0
342	Adaptive Thermogenesis in Mice Is Enhanced by Opsin 3-Dependent Adipocyte Light Sensing. <i>Cell Reports</i> , 2020 , 30, 672-686.e8	10.6	26
341	Calcitonin Receptor Neurons in the Mouse Nucleus Tractus Solitarius Control Energy Balance via the Non-aversive Suppression of Feeding. <i>Cell Metabolism</i> , 2020 , 31, 301-312.e5	24.6	37
340	Leptin receptor-expressing nucleus tractus solitarius neurons suppress food intake independently of GLP1 in mice. <i>JCI Insight</i> , 2020 , 5,	9.9	19
339	A rodent model of partial intestinal diversion: a novel metabolic operation. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 270-281	3	1
338	Rapid hepatic metabolism blunts the endocrine action of portally infused GLP-1 in male rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E189-E197	6	3
337	Continuous glucose monitoring reveals glycemic variability and hypoglycemia after vertical sleeve gastrectomy in rats. <i>Molecular Metabolism</i> , 2020 , 32, 148-159	8.8	3
336	Bromocriptine improves glucose tolerance independent of circadian timing, prolactin, or the melanocortin-4 receptor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E62-E71	6.7	4
335	The Role of Elevated Branched-Chain Amino Acids in the Effects of Vertical Sleeve Gastrectomy to Reduce Weight and Improve Glucose Regulation. <i>Cell Reports</i> , 2020 , 33, 108239	10.6	6
334	Violet-light suppression of thermogenesis by opsin 5 hypothalamic neurons. <i>Nature</i> , 2020 , 585, 420-425	50.4	32
333	Assessment of the role of FGF15 in mediating the metabolic outcomes of murine Vertical Sleeve Gastrectomy (VSG). <i>American Journal of Physiology - Renal Physiology</i> , 2020 ,	5.1	2
332	The Unconventional Role for Gastric Volume in the Response to Bariatric Surgery for Both Weight Loss and Glucose Lowering. <i>Annals of Surgery</i> , 2020 , 271, 1102-1109	7.8	9

331	Nutrient and hormone composition of milk is altered in rodent dams post-bariatric surgery. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 71-77	2.4	1
330	Glucagon-like peptide 1 (GLP-1). <i>Molecular Metabolism</i> , 2019 , 30, 72-130	8.8	364
329	GDF15 acts synergistically with liraglutide but is not necessary for the weight loss induced by bariatric surgery in mice. <i>Molecular Metabolism</i> , 2019 , 21, 13-21	8.8	30
328	Distinct Neural Sites of GLP-1R Expression Mediate Physiological versus Pharmacological Control of Incretin Action. <i>Cell Reports</i> , 2019 , 27, 3371-3384.e3	10.6	35
327	Reg3 Proteins as Gut Hormones?. <i>Endocrinology</i> , 2019 , 160, 1506-1514	4.8	30
326	The role of GIP and pancreatic GLP-1 in the glucoregulatory effect of DPP-4 inhibition in mice. <i>Diabetologia</i> , 2019 , 62, 1928-1937	10.3	11
325	2019 ,		3
324	The Iminosugar AMP-DNM Improves Satiety and Activates Brown Adipose Tissue Through GLP1. <i>Diabetes</i> , 2019 , 68, 2223-2234	0.9	0
323	Vertical sleeve gastrectomy improves ventilatory drive through a leptin-dependent mechanism. <i>JCI Insight</i> , 2019 , 4,	9.9	7
322	Glycemic effect of pancreatic preproglucagon in mouse sleeve gastrectomy. <i>JCI Insight</i> , 2019 , 4,	9.9	8
321	G-CSF partially mediates effects of sleeve gastrectomy on the bone marrow niche. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2404-2416	15.9	18
320	Glucagon-Like Peptide-1 Receptor Agonist Treatment Does Not Reduce Abuse-Related Effects of Opioid Drugs. <i>ENeuro</i> , 2019 , 6,	3.9	22
319	Signalling from the periphery to the brain that regulates energy homeostasis. <i>Nature Reviews Neuroscience</i> , 2018 , 19, 185-196	13.5	68
318	How does metabolic surgery work its magic? New evidence for gut microbiota. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2018 , 25, 81-86	4	7
317	Dietary Manipulations That Induce Ketosis Activate the HPA Axis in Male Rats and Mice: A Potential Role for Fibroblast Growth Factor-21. <i>Endocrinology</i> , 2018 , 159, 400-413	4.8	15
316	GLP-2 receptor signaling controls circulating bile acid levels but not glucose homeostasis in Gcgr mice and is dispensable for the metabolic benefits ensuing after vertical sleeve gastrectomy. <i>Molecular Metabolism</i> , 2018 , 16, 45-54	8.8	16
315	Assessment of mammographic breast density after sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , 2018 , 14, 1643-1651	3	1
314	A comparison of rodent models of vertical sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , 2018 , 14, 1471-1479	3	4

313	Targeting FXR and FGF19 to Treat Metabolic Diseases-Lessons Learned From Bariatric Surgery. <i>Diabetes</i> , 2018 , 67, 1720-1728	0.9	50
312	New horizons for future research - Critical issues to consider for maximizing research excellence and impact. <i>Molecular Metabolism</i> , 2018 , 14, 53-59	8.8	2
311	Specific subpopulations of hypothalamic leptin receptor-expressing neurons mediate the effects of early developmental leptin receptor deletion on energy balance. <i>Molecular Metabolism</i> , 2018 , 14, 130-138	8.8	23
310	Metabolic comparison of one-anastomosis gastric bypass, single-anastomosis duodenal-switch, Roux-en-Y gastric bypass, and vertical sleeve gastrectomy in rat. <i>Surgery for Obesity and Related Diseases</i> , 2018 , 14, 1857-1867	3	17
309	Refinement of Perioperative Feeding in a Mouse Model of Vertical Sleeve Gastrectomy. <i>Journal of the American Association for Laboratory Animal Science</i> , 2018 , 57, 295-301	1.3	0
308	Electrical stimulation of renal nerves for modulating urine glucose excretion in rats. <i>Bioelectronic Medicine</i> , 2018 , 4, 7	5.4	3
307	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
306	Enhanced Glucose Control Following Vertical Sleeve Gastrectomy Does Not Require a βCell Glucagon-Like Peptide 1 Receptor. <i>Diabetes</i> , 2018 , 67, 1504-1511	0.9	22
305	Bariatric surgery emphasizes biological sex differences in rodent hepatic lipid handling. <i>Biology of Sex Differences</i> , 2017 , 8, 4	9.3	13
304	Gut-Brain Cross-Talk in Metabolic Control. <i>Cell</i> , 2017 , 168, 758-774	56.2	144
303	Physiology: Gut feeling for food choice. <i>Nature</i> , 2017 , 542, 302-303	50.4	5
302	Central Nervous System GLP-1 Receptors Regulate Islet Hormone Secretion and Glucose Homeostasis in Male Rats. <i>Endocrinology</i> , 2017 , 158, 2124-2133	4.8	21
301	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
300	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
299	Dietary sugars, not lipids, drive hypothalamic inflammation. <i>Molecular Metabolism</i> , 2017 , 6, 897-908	8.8	70
298	Weight loss independent changes in adipose tissue macrophage and T cell populations after sleeve gastrectomy in mice. <i>Molecular Metabolism</i> , 2017 , 6, 317-326	8.8	19
297	The Role of Pancreatic Preproglucagon in Glucose Homeostasis in Mice. <i>Cell Metabolism</i> , 2017 , 25, 927-934	24.6	129
296	Molecular Integration of Incretin and Glucocorticoid Action Reverses Immunometabolic Dysfunction and Obesity. <i>Cell Metabolism</i> , 2017 , 26, 620-632.e6	24.6	50

295	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
294	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
293	Recombinant Incretin-Secreting Microbe Improves Metabolic Dysfunction in High-Fat Diet Fed Rodents. <i>Scientific Reports</i> , 2017 , 7, 13523	4.9	12
292	Neonatal GLP1R activation limits adult adiposity by durably altering hypothalamic architecture. <i>Molecular Metabolism</i> , 2017 , 6, 748-759	8.8	8
291	The glucagon-like peptide-1 receptor in the ventromedial hypothalamus reduces short-term food intake in male mice by regulating nutrient sensor activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 313, E651-E662	6	15
290	A novel approach to glycemic control in type 2 diabetes mellitus, partial jejunal diversion: pre-clinical to clinical pathway. <i>BMJ Open Diabetes Research and Care</i> , 2017 , 5, e000431	4.5	6
289	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017 , 38, 267-296	27.2	264
288	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
287	A leptin-regulated circuit controls glucose mobilization during noxious stimuli. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3103-3113	15.9	21
286	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	4
285	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
284	The role of proximal versus distal stomach resection in the weight loss seen after vertical sleeve gastrectomy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R979-R987	3.2	10
283	Does bariatric surgery improve adipose tissue function?. <i>Obesity Reviews</i> , 2016 , 17, 795-809	10.6	62
282	Defending a new hypothesis of how bariatric surgery works. <i>Obesity</i> , 2016 , 24, 555	8	6
281	Targeting the brain as a cure for type 2 diabetes. <i>Nature Medicine</i> , 2016 , 22, 709-11	50.5	7
280	Roux-en-Y gastric bypass augments the feeding responses evoked by gastrin-releasing peptides. <i>Journal of Surgical Research</i> , 2016 , 206, 517-524	2.5	5
279	Hypothalamic Vitamin D Improves Glucose Homeostasis and Reduces Weight. <i>Diabetes</i> , 2016 , 65, 2732-44.9		28
278	Central & peripheral glucagon-like peptide-1 receptor signaling differentially regulate addictive behaviors. <i>Physiology and Behavior</i> , 2016 , 161, 140-144	3.5	32

277	The hunger games. <i>Cell</i> , 2015 , 160, 805-806	56.2	21
276	Mechanisms underlying weight loss and metabolic improvements in rodent models of bariatric surgery. <i>Diabetologia</i> , 2015 , 58, 211-20	10.3	45
275	Insulin Detemir Is Transported From Blood to Cerebrospinal Fluid and Has Prolonged Central Anorectic Action Relative to NPH Insulin. <i>Diabetes</i> , 2015 , 64, 2457-66	0.9	24
274	Biologic Responses to Weight Loss and Weight Regain: Report From an American Diabetes Association Research Symposium. <i>Diabetes</i> , 2015 , 64, 2299-309	0.9	33
273	FGF21 is not required for glucose homeostasis, ketosis or tumour suppression associated with ketogenic diets in mice. <i>Diabetologia</i> , 2015 , 58, 2414-23	10.3	26
272	Adipocyte glucocorticoid receptors mediate fat-to-brain signaling. <i>Psychoneuroendocrinology</i> , 2015 , 56, 110-9	5	29
271	The obesity-associated transcription factor ETV5 modulates circulating glucocorticoids. <i>Physiology and Behavior</i> , 2015 , 150, 38-42	3.5	4
270	Diet-induced obesity exacerbates metabolic and behavioral effects of polycystic ovary syndrome in a rodent model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E1076-84	6	20
269	The melanocortin-4 receptor integrates circadian light cues and metabolism. <i>Endocrinology</i> , 2015 , 156, 1685-91	4.8	8
268	A rationally designed monomeric peptide triagonist corrects obesity and diabetes in rodents. <i>Nature Medicine</i> , 2015 , 21, 27-36	50.5	363
267	Moderate voluntary exercise attenuates the metabolic syndrome in melanocortin-4 receptor-deficient rats showing central dopaminergic dysregulation. <i>Molecular Metabolism</i> , 2015 , 4, 692-705	8.8	13
266	Thermoneutral housing is a critical factor for immune function and diet-induced obesity in C57BL/6 nude mice. <i>International Journal of Obesity</i> , 2015 , 39, 791-7	5.5	39
265	Ghrelin. <i>Molecular Metabolism</i> , 2015 , 4, 437-60	8.8	588
264	Bile Acid Signaling: Mechanism for Bariatric Surgery, Cure for NASH?. <i>Digestive Diseases</i> , 2015 , 33, 440-6	3.2	24
263	Vertical sleeve gastrectomy restores glucose homeostasis in apolipoprotein A-IV KO mice. <i>Diabetes</i> , 2015 , 64, 498-507	0.9	26
262	Metabolic effects of bariatric surgery in mouse models of circadian disruption. <i>International Journal of Obesity</i> , 2015 , 39, 1310-8	5.5	17
261	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
260	Loss of melanocortin-4 receptor function attenuates HPA responses to psychological stress. <i>Psychoneuroendocrinology</i> , 2014 , 42, 98-105	5	28

259	FXR is a molecular target for the effects of vertical sleeve gastrectomy. <i>Nature</i> , 2014 , 509, 183-8	50.4	692
258	Duodenal nutrient exclusion improves metabolic syndrome and stimulates villus hyperplasia. <i>Gut</i> , 2014 , 63, 1238-46	19.2	40
257	Effect of guanylate cyclase-C activity on energy and glucose homeostasis. <i>Diabetes</i> , 2014 , 63, 3798-804	0.9	25
256	Meal feeding improves oral glucose tolerance in male rats and causes adaptations in postprandial islet hormone secretion that are independent of plasma incretins or glycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E784-92	6	7
255	Improvements in hippocampal-dependent memory and microglial infiltration with calorie restriction and gastric bypass surgery, but not with vertical sleeve gastrectomy. <i>International Journal of Obesity</i> , 2014 , 38, 349-56	5.5	39
254	Weight loss by calorie restriction versus bariatric surgery differentially regulates the hypothalamo-pituitary-adrenocortical axis in male rats. <i>Stress</i> , 2014 , 17, 484-93	3	21
253	Hormones and diet, but not body weight, control hypothalamic microglial activity. <i>Glia</i> , 2014 , 62, 17-25	9	161
252	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
251	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
250	Differences in acute anorectic effects of long-acting GLP-1 receptor agonists in rats. <i>Peptides</i> , 2014 , 58, 1-6	3.8	18
249	Identification of optimal reference genes for RT-qPCR in the rat hypothalamus and intestine for the study of obesity. <i>International Journal of Obesity</i> , 2014 , 38, 192-7	5.5	29
248	The role of small heterodimer partner in nonalcoholic fatty liver disease improvement after sleeve gastrectomy in mice. <i>Obesity</i> , 2014 , 22, 2301-11	8	36
247	GLP-1R responsiveness predicts individual gastric bypass efficacy on glucose tolerance in rats. <i>Diabetes</i> , 2014 , 63, 505-13	0.9	34
246	MGAT2 deficiency and vertical sleeve gastrectomy have independent metabolic effects in the mouse. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E1065-72	6	11
245	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
244	The role of β 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
243	Metabolic, behavioral, and reproductive effects of vertical sleeve gastrectomy in an obese rat model of polycystic ovary syndrome. <i>Obesity Surgery</i> , 2014 , 24, 866-76	3.7	15
242	The role of the transcription factor ETV5 in insulin exocytosis. <i>Diabetologia</i> , 2014 , 57, 383-91	10.3	17

241	Neuronal GLP1R mediates liraglutide's anorectic but not glucose-lowering effect. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2456-63	15.9	229
240	Angiotensin-converting enzyme inhibition reduces food intake and weight gain and improves glucose tolerance in melanocortin-4 receptor deficient female rats. <i>Physiology and Behavior</i> , 2013 , 121, 43-8	3.5	10
239	Oral L-arginine stimulates GLP-1 secretion to improve glucose tolerance in male mice. <i>Endocrinology</i> , 2013 , 154, 3978-83	4.8	43
238	Roux en Y gastric bypass increases ethanol intake in the rat. <i>Obesity Surgery</i> , 2013 , 23, 920-30	3.7	30
237	Integration of satiety signals by the central nervous system. <i>Current Biology</i> , 2013 , 23, R379-88	6.3	51
236	Cooperation between brain and islet in glucose homeostasis and diabetes. <i>Nature</i> , 2013 , 503, 59-66	50.4	220
235	Improved rodent maternal metabolism but reduced intrauterine growth after vertical sleeve gastrectomy. <i>Science Translational Medicine</i> , 2013 , 5, 199ra112	17.5	43
234	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
233	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
232	Fibroblast growth factor 21 mediates specific glucagon actions. <i>Diabetes</i> , 2013 , 62, 1453-63	0.9	158
231	The effects of vertical sleeve gastrectomy in rodents are ghrelin independent. <i>Gastroenterology</i> , 2013 , 144, 50-52.e5	13.3	118
230	Physiology. Food as a hormone. <i>Science</i> , 2013 , 339, 918-9	33.3	39
229	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
228	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
227	Increased adipose tissue hypoxia and capacity for angiogenesis and inflammation in young diet-sensitive C57 mice compared with diet-resistant FVB mice. <i>International Journal of Obesity</i> , 2013 , 37, 853-60	5.5	29
226	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
225	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
224	High-fat diet changes the temporal profile of GLP-1 receptor-mediated hypophagia in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R68-77	3.2	24

223	Reversal of diet-induced obesity increases insulin transport into cerebrospinal fluid and restores sensitivity to the anorexic action of central insulin in male rats. <i>Endocrinology</i> , 2013 , 154, 1047-54	4.8	43
222	Impact of intestinal electrical stimulation on nutrient-induced GLP-1 secretion in vivo. <i>Neurogastroenterology and Motility</i> , 2013 , 25, 700-5	4	21
221	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
220	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
219	The effect of vertical sleeve gastrectomy on food choice in rats. <i>International Journal of Obesity</i> , 2013 , 37, 288-95	5.5	111
218	GLP-1R agonism enhances adjustable gastric banding in diet-induced obese rats. <i>Diabetes</i> , 2013 , 62, 3261-7	1.7	16
217	Carbohydrate content of post-operative diet influences the effect of vertical sleeve gastrectomy on body weight reduction in obese rats. <i>Obesity Surgery</i> , 2012 , 22, 140-51	3.7	7
216	Deconstructing obesity: the face of fatness before and after the discovery of leptin. <i>Diabetologia</i> , 2012 , 55, 3-6	10.3	4
215	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
214	The role of the gut hormone GLP-1 in the metabolic improvements caused by ileal transposition. <i>Journal of Surgical Research</i> , 2012 , 178, 33-9	2.5	26
213	Our evolving understanding of the interaction between leptin and dopamine system to regulate ingestive behaviors. <i>Molecular Metabolism</i> , 2012 , 1, 8-9	8.8	2
212	High-fat-diet-induced obesity causes an inflammatory and tumor-promoting microenvironment in the rat kidney. <i>DMM Disease Models and Mechanisms</i> , 2012 , 5, 627-35	4.1	43
211	All bariatric surgeries are not created equal: insights from mechanistic comparisons. <i>Endocrine Reviews</i> , 2012 , 33, 595-622	27.2	220
210	Treating obesity like a tumor. <i>Cell Metabolism</i> , 2012 , 15, 1-2	24.6	13
209	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
208	Synaptic plasticity in neuronal circuits regulating energy balance. <i>Nature Neuroscience</i> , 2012 , 15, 1336-42	5.5	92
207	Suppression of food intake by glucagon-like peptide-1 receptor agonists: relative potencies and role of dipeptidyl peptidase-4. <i>Endocrinology</i> , 2012 , 153, 5735-45	4.8	18
206	Gastric bypass surgery attenuates ethanol consumption in ethanol-preferring rats. <i>Biological Psychiatry</i> , 2012 , 72, 354-60	7.9	62

205	Targeted estrogen delivery reverses the metabolic syndrome. <i>Nature Medicine</i> , 2012 , 18, 1847-56	50.5	201
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