

Peter J Havel

List of Publications by Citations

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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.

235
papers

18,391
citations

69
h-index

132
g-index

243
ext. papers

20,176
ext. citations

5.5
avg, IF

6.68
L-index

#	Paper	IF	Citations
235	Relationship of adiponectin to body fat distribution, insulin sensitivity and plasma lipoproteins: evidence for independent roles of age and sex. <i>Diabetologia</i> , 2003 , 46, 459-69	10.3	1124
234	Consuming fructose-sweetened, not glucose-sweetened, beverages increases visceral adiposity and lipids and decreases insulin sensitivity in overweight/obese humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1322-34	15.9	1121
233	Fructose, weight gain, and the insulin resistance syndrome. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 911-22	7	730
232	Dietary fructose reduces circulating insulin and leptin, attenuates postprandial suppression of ghrelin, and increases triglycerides in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 2963-72	5.6	498
231	Update on adipocyte hormones: regulation of energy balance and carbohydrate/lipid metabolism. <i>Diabetes</i> , 2004 , 53 Suppl 1, S143-51	0.9	493
230	Dietary Fructose: Implications for Dysregulation of Energy Homeostasis and Lipid/Carbohydrate Metabolism. <i>Nutrition Reviews</i> , 2005 , 63, 133-157	6.4	471
229	Plasma adiponectin concentration is associated with skeletal muscle insulin receptor tyrosine phosphorylation, and low plasma concentration precedes a decrease in whole-body insulin sensitivity in humans. <i>Diabetes</i> , 2002 , 51, 1884-8	0.9	453
228	Kv1.3 channels are a therapeutic target for T cell-mediated autoimmune diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17414-9	11.5	415
227	Plasma acylation-stimulating protein, adiponectin, leptin, and ghrelin before and after weight loss induced by gastric bypass surgery in morbidly obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1594-602	5.6	414
226	Control of energy homeostasis and insulin action by adipocyte hormones: leptin, acylation stimulating protein, and adiponectin. <i>Current Opinion in Lipidology</i> , 2002 , 13, 51-9	4.4	411
225	Evidence that glucose metabolism regulates leptin secretion from cultured rat adipocytes. <i>Endocrinology</i> , 1998 , 139, 551-8	4.8	342
224	Animal models of obesity and diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2018 , 14, 140-162	15.2	330
223	Peripheral signals conveying metabolic information to the brain: short-term and long-term regulation of food intake and energy homeostasis. <i>Experimental Biology and Medicine</i> , 2001 , 226, 963-77 ³⁻⁷		330
222	The concurrent accumulation of intra-abdominal and subcutaneous fat explains the association between insulin resistance and plasma leptin concentrations : distinct metabolic effects of two fat compartments. <i>Diabetes</i> , 2002 , 51, 1005-15	0.9	311
221	Gender differences in plasma leptin concentrations. <i>Nature Medicine</i> , 1996 , 2, 949-50	50.5	268
220	Endocrine and metabolic effects of consuming fructose- and glucose-sweetened beverages with meals in obese men and women: influence of insulin resistance on plasma triglyceride responses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1562-9	5.6	231
219	Role of adipose tissue in body-weight regulation: mechanisms regulating leptin production and energy balance. <i>Proceedings of the Nutrition Society</i> , 2000 , 59, 359-71	2.9	226

218	High-fat meals reduce 24-h circulating leptin concentrations in women. <i>Diabetes</i> , 1999 , 48, 334-41	0.9	224
217	Relation between circulating leptin concentrations and appetite during a prolonged, moderate energy deficit in women. <i>American Journal of Clinical Nutrition</i> , 1998 , 68, 794-801	7	222
216	Consuming fructose-sweetened beverages increases body adiposity in mice. <i>Obesity</i> , 2005 , 13, 1146-56		219
215	Consumption of fructose and high fructose corn syrup increase postprandial triglycerides, LDL-cholesterol, and apolipoprotein-B in young men and women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1596-605	5.6	210
214	Dietary fructose: implications for dysregulation of energy homeostasis and lipid/carbohydrate metabolism. <i>Nutrition Reviews</i> , 2005 , 63, 133-57	6.4	208
213	Physiological, pharmacological, and nutritional regulation of circulating adiponectin concentrations in humans. <i>Metabolic Syndrome and Related Disorders</i> , 2008 , 6, 87-102	2.6	182
212	Twenty-four-hour endocrine and metabolic profiles following consumption of high-fructose corn syrup-, sucrose-, fructose-, and glucose-sweetened beverages with meals. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1194-203	7	179
211	Fructose consumption: potential mechanisms for its effects to increase visceral adiposity and induce dyslipidemia and insulin resistance. <i>Current Opinion in Lipidology</i> , 2008 , 19, 16-24	4.4	178
210	Autonomic mediation of glucagon secretion during hypoglycemia: implications for impaired alpha-cell responses in type 1 diabetes. <i>Diabetes</i> , 1998 , 47, 995-1005	0.9	174
209	Endocrine and metabolic effects of consuming beverages sweetened with fructose, glucose, sucrose, or high-fructose corn syrup. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1733S-1737S	7	165
208	Changes of serum leptin and endocrine and metabolic parameters after 7 days of energy restriction in men and women. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 429-34	12.7	155
207	A dose-response study of consuming high-fructose corn syrup-sweetened beverages on lipid/lipoprotein risk factors for cardiovascular disease in young adults. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 1144-54	7	152
206	The contribution of the autonomic nervous system to changes of glucagon and insulin secretion during hypoglycemic stress. <i>Endocrine Reviews</i> , 1989 , 10, 332-50	27.2	148
205	Adverse metabolic effects of dietary fructose: results from the recent epidemiological, clinical, and mechanistic studies. <i>Current Opinion in Lipidology</i> , 2013 , 24, 198-206	4.4	139
204	Improvement in peripheral glucose uptake after gastric bypass surgery is observed only after substantial weight loss has occurred and correlates with the magnitude of weight lost. <i>Journal of Gastrointestinal Surgery</i> , 2010 , 14, 15-23	3.3	138
203	Effects of hypothalamic neurodegeneration on energy balance. <i>PLoS Biology</i> , 2005 , 3, e415	9.7	138
202	Conjugated linoleic acid supplementation in humans: effects on circulating leptin concentrations and appetite. <i>Lipids</i> , 2000 , 35, 783-8	1.6	138
201	Adiponectin is present in cord blood but is unrelated to birth weight. <i>Diabetes Care</i> , 2003 , 26, 2244-9	14.6	128

200	Hypothalamic leptin signaling regulates hepatic insulin sensitivity via a neurocircuit involving the vagus nerve. <i>Endocrinology</i> , 2009 , 150, 4502-11	4.8	127
199	Interleukin-15 stimulates adiponectin secretion by 3T3-L1 adipocytes: evidence for a skeletal muscle-to-fat signaling pathway. <i>Cell Biology International</i> , 2005 , 29, 449-57	4.5	126
198	Central administration of leptin inhibits food intake and activates the sympathetic nervous system in rhesus macaques. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 711-7	5.6	121
197	Changes in stress, eating, and metabolic factors are related to changes in telomerase activity in a randomized mindfulness intervention pilot study. <i>Psychoneuroendocrinology</i> , 2012 , 37, 917-28	5	112
196	Effects of streptozotocin-induced diabetes and insulin treatment on the hypothalamic melanocortin system and muscle uncoupling protein 3 expression in rats. <i>Diabetes</i> , 2000 , 49, 244-52	0.9	112
195	Chronic oxytocin administration inhibits food intake, increases energy expenditure, and produces weight loss in fructose-fed obese rhesus monkeys. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R431-8	3.2	110
194	Low circulating adropin concentrations with obesity and aging correlate with risk factors for metabolic disease and increase after gastric bypass surgery in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3783-91	5.6	109
193	Effect of intracerebroventricular alpha-MSH on food intake, adiposity, c-Fos induction, and neuropeptide expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R695-703	3.2	108
192	Leptin reverses sucrose-conditioned place preference in food-restricted rats. <i>Physiology and Behavior</i> , 2001 , 73, 229-34	3.5	107
191	Leptin deficiency induced by fasting impairs the satiety response to cholecystokinin. <i>Endocrinology</i> , 2000 , 141, 4442-8	4.8	104
190	Fructose-fed rhesus monkeys: a nonhuman primate model of insulin resistance, metabolic syndrome, and type 2 diabetes. <i>Clinical and Translational Science</i> , 2011 , 4, 243-52	4.9	103
189	Consumption of fructose- but not glucose-sweetened beverages for 10 weeks increases circulating concentrations of uric acid, retinol binding protein-4, and gamma-glutamyl transferase activity in overweight/obese humans. <i>Nutrition and Metabolism</i> , 2012 , 9, 68	4.6	101
188	Longitudinal changes in pancreatic and adipocyte hormones following Roux-en-Y gastric bypass surgery. <i>Diabetologia</i> , 2008 , 51, 1901-11	10.3	101
187	Reduced body weight, adipose tissue, and leptin levels despite increased energy intake in female mice lacking acylation-stimulating protein. <i>Endocrinology</i> , 2000 , 141, 1041-9	4.8	99
186	Central Administration of Leptin Inhibits Food Intake and Activates the Sympathetic Nervous System in Rhesus Macaques. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 711-717	5.6	98
185	Fructose consumption: recent results and their potential implications. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1190, 15-24	6.5	95
184	Low plasma leptin levels contribute to diabetic hyperphagia in rats. <i>Diabetes</i> , 1999 , 48, 1275-80	0.9	94
183	Excessive Sugar Consumption May Be a Difficult Habit to Break: A View From the Brain and Body. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2239-47	5.6	93

182	Consumption of fructose-sweetened beverages for 10 weeks increases postprandial triacylglycerol and apolipoprotein-B concentrations in overweight and obese women. <i>British Journal of Nutrition</i> , 2008 , 100, 947-52	3.6	93
181	Adipogenic human adenovirus-36 reduces leptin expression and secretion and increases glucose uptake by fat cells. <i>International Journal of Obesity</i> , 2007 , 31, 87-96	5.5	90
180	Hyperamylinemia contributes to cardiac dysfunction in obesity and diabetes: a study in humans and rats. <i>Circulation Research</i> , 2012 , 110, 598-608	15.7	89
179	Radioimmunoassay of rat leptin: sexual dimorphism reversed from humans. <i>Clinical Chemistry</i> , 1998 , 44, 565-570	5.5	89
178	Postprandial lipoprotein metabolism: VLDL vs chylomicrons. <i>Clinica Chimica Acta</i> , 2011 , 412, 1306-18	6.2	88
177	Ileal interposition surgery improves glucose and lipid metabolism and delays diabetes onset in the UCD-T2DM rat. <i>Gastroenterology</i> , 2010 , 138, 2437-46, 2446.e1	13.3	85
176	Consumption of fructose-sweetened beverages for 10 weeks reduces net fat oxidation and energy expenditure in overweight/obese men and women. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 201-8	5.2	84
175	Effects of weight loss, induced by gastric bypass surgery, on HDL remodeling in obese women. <i>Journal of Lipid Research</i> , 2010 , 51, 2405-2412	6.3	83
174	Intra-islet insulin permits glucose to directly suppress pancreatic A cell function. <i>Journal of Clinical Investigation</i> , 1991 , 88, 767-73	15.9	80
173	Chronic stress increases vulnerability to diet-related abdominal fat, oxidative stress, and metabolic risk. <i>Psychoneuroendocrinology</i> , 2014 , 46, 14-22	5	79
172	Fructose consumption: considerations for future research on its effects on adipose distribution, lipid metabolism, and insulin sensitivity in humans. <i>Journal of Nutrition</i> , 2009 , 139, 1236S-1241S	4.1	77
171	Circulating concentrations of high-molecular-weight adiponectin are increased following Roux-en-Y gastric bypass surgery. <i>Diabetologia</i> , 2006 , 49, 2552-8	10.3	75
170	Relationship between serum leptin immunoreactivity and body fat mass as estimated by use of a novel gas-phase Fourier transform infrared spectroscopy deuterium dilution method in cats. <i>American Journal of Veterinary Research</i> , 2000 , 61, 796-801	1.1	74
169	Development and characterization of a novel rat model of type 2 diabetes mellitus: the UC Davis type 2 diabetes mellitus UCD-T2DM rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 295, R1782-93	3.2	72
168	The decrease in C-reactive protein concentration after diet and physical activity induced weight reduction is associated with changes in plasma lipids, but not interleukin-6 or adiponectin. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 359-65	12.7	71
167	Marked and rapid decreases of circulating leptin in streptozotocin diabetic rats: reversal by insulin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 274, R1482-91	3.2	69
166	Wilson's disease: changes in methionine metabolism and inflammation affect global DNA methylation in early liver disease. <i>Hepatology</i> , 2013 , 57, 555-65	11.2	67
165	Correlation of circulating full-length visfatin (PBEF/NAMPT) with metabolic parameters in subjects with and without diabetes: a cross-sectional study. <i>Clinical Endocrinology</i> , 2008 , 69, 885-93	3.4	67

164	Effect of dietary n-3 polyunsaturated fatty acids on plasma total and high-molecular-weight adiponectin concentrations in overweight to moderately obese men and women. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 347-53	7	67
163	Activation of the parasympathetic nervous system is necessary for normal meal-induced insulin secretion in rhesus macaques. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1253-9	5.6	67
162	Counterregulation during spontaneous nocturnal hypoglycemia in prepubertal children with type 1 diabetes. <i>Diabetes Care</i> , 1999 , 22, 1144-50	14.6	66
161	Brain functional magnetic resonance imaging response to glucose and fructose infusions in humans. <i>Diabetes, Obesity and Metabolism</i> , 2011 , 13, 229-34	6.7	65
160	Subcutaneous administration of leptin normalizes fasting plasma glucose in obese type 2 diabetic UCD-T2DM rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 14670-5	11.5	64
159	Metabolic responses to prolonged consumption of glucose- and fructose-sweetened beverages are not associated with postprandial or 24-h glucose and insulin excursions. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 112-9	7	64
158	Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1682-8	3.2	64
157	Serum leptin concentrations in infants: effects of diet, sex, and adiposity. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 484-9	7	64
156	Association of adiponectin with mortality in older adults: the Health, Aging, and Body Composition Study. <i>Diabetologia</i> , 2009 , 52, 591-5	10.3	63
155	Acylation-stimulating protein (ASP)/complement C3adesArg deficiency results in increased energy expenditure in mice. <i>Journal of Biological Chemistry</i> , 2004 , 279, 4051-7	5.4	63
154	Acylation stimulating protein (ASP) deficiency alters postprandial and adipose tissue metabolism in male mice. <i>Journal of Biological Chemistry</i> , 1999 , 274, 36219-25	5.4	63
153	Glucose sensing by gut endocrine cells and activation of the vagal afferent pathway is impaired in a rodent model of type 2 diabetes mellitus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R657-66	3.2	62
152	Vertical sleeve gastrectomy improves glucose and lipid metabolism and delays diabetes onset in UCD-T2DM rats. <i>Endocrinology</i> , 2012 , 153, 3620-32	4.8	62
151	Serum adiponectin and coronary heart disease risk in older Black and White Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 5044-50	5.6	62
150	Transcriptional regulation of the leptin promoter by insulin-stimulated glucose metabolism in 3t3-l1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 544-8	3.4	62
149	Chronic CNS oxytocin signaling preferentially induces fat loss in high-fat diet-fed rats by enhancing satiety responses and increasing lipid utilization. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R640-58	3.2	62
148	Multinutrient supplement containing ephedra and caffeine causes weight loss and improves metabolic risk factors in obese women: a randomized controlled trial. <i>International Journal of Obesity</i> , 2006 , 30, 1545-56	5.5	60
147	Altering pyrroloquinoline quinone nutritional status modulates mitochondrial, lipid, and energy metabolism in rats. <i>PLoS ONE</i> , 2011 , 6, e21779	3.7	56

146	Effects of metformin and vanadium on leptin secretion from cultured rat adipocytes. <i>Obesity</i> , 2000 , 8, 530-9		55
145	Alterations in intervertebral disc composition, matrix homeostasis and biomechanical behavior in the UCD-T2DM rat model of type 2 diabetes. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 738-46	3.8	54
144	Superficial necrolytic dermatitis (necrolytic migratory erythema) in dogs. <i>Veterinary Pathology</i> , 1993 , 30, 75-81	2.8	54
143	Chronic administration of the glucagon-like peptide-1 analog, liraglutide, delays the onset of diabetes and lowers triglycerides in UCD-T2DM rats. <i>Diabetes</i> , 2010 , 59, 2653-61	0.9	53
142	Ablation of a galectin preferentially expressed in adipocytes increases lipolysis, reduces adiposity, and improves insulin sensitivity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18696-701	11.5	52
141	Genetic polymorphisms in carnitine palmitoyltransferase 1A gene are associated with variation in body composition and fasting lipid traits in Yup'ik Eskimos. <i>Journal of Lipid Research</i> , 2012 , 53, 175-84	6.3	52
140	Leptin concentrations in response to acute stress predict subsequent intake of comfort foods. <i>Physiology and Behavior</i> , 2012 , 107, 34-9	3.5	50
139	Inhibition of protein tyrosine phosphatase-1B with antisense oligonucleotides improves insulin sensitivity and increases adiponectin concentrations in monkeys. <i>Endocrinology</i> , 2009 , 150, 1670-9	4.8	50
138	Muscle insulin receptor concentrations in obese patients post bariatric surgery: relationship to hyperinsulinemia. <i>International Journal of Obesity</i> , 2004 , 28, 363-9	5.5	50
137	Mechanisms regulating leptin production: implications for control of energy balance. <i>American Journal of Clinical Nutrition</i> , 1999 , 70, 305-6	7	50
136	Bile-acid-mediated decrease in endoplasmic reticulum stress: a potential contributor to the metabolic benefits of ileal interposition surgery in UCD-T2DM rats. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 443-56	4.1	47
135	Circulating concentrations of monocyte chemoattractant protein-1, plasminogen activator inhibitor-1, and soluble leukocyte adhesion molecule-1 in overweight/obese men and women consuming fructose- or glucose-sweetened beverages for 10 weeks. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 91, E202-6	5.6	46
134	Activation of the Parasympathetic Nervous System Is Necessary for Normal Meal-Induced Insulin Secretion in Rhesus Macaques. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1253-1259	5.6	46
133	CRP and adiponectin and its oligomers in the metabolic syndrome: evaluation of new laboratory-based biomarkers. <i>American Journal of Clinical Pathology</i> , 2008 , 129, 815-22	1.9	45
132	Synergistic impairment of glucose homeostasis in ob/ob mice lacking functional serotonin 2C receptors. <i>Endocrinology</i> , 2008 , 149, 955-61	4.8	45
131	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. <i>Molecular Metabolism</i> , 2018 , 8, 51-64	8.8	44
130	Associations of ghrelin with eating behaviors, stress, metabolic factors, and telomere length among overweight and obese women: preliminary evidence of attenuated ghrelin effects in obesity?. <i>Appetite</i> , 2014 , 76, 84-94	4.5	44
129	Fish oil supplementation ameliorates fructose-induced hypertriglyceridemia and insulin resistance in adult male rhesus macaques. <i>Journal of Nutrition</i> , 2014 , 144, 5-11	4.1	44

128	Low prepregnancy adiponectin concentrations are associated with a marked increase in risk for development of gestational diabetes mellitus. <i>Diabetes Care</i> , 2013 , 36, 3930-7	14.6	44
127	DNA methylation patterns are associated with n-3 fatty acid intake in Yup'ik people. <i>Journal of Nutrition</i> , 2014 , 144, 425-30	4.1	43
126	Protein tyrosine phosphatase 1B regulates pyruvate kinase M2 tyrosine phosphorylation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 17360-71	5.4	41
125	Effects of weight loss, induced by gastric bypass surgery, on HDL remodeling in obese women. <i>Journal of Lipid Research</i> , 2010 , 51, 2405-12	6.3	41
124	Analytical validation and biological evaluation of a high molecular-weight adiponectin ELISA. <i>Clinical Chemistry</i> , 2007 , 53, 2144-51	5.5	41
123	Lipoprotein lipase is active as a monomer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6319-6328	11.5	38
122	Dietary fructose accelerates the development of diabetes in UCD-T2DM rats: amelioration by the antioxidant, alpha-lipoic acid. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1343-50	3.2	37
121	Redundant parasympathetic and sympathoadrenal mediation of increased glucagon secretion during insulin-induced hypoglycemia in conscious rats. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 860-6	12.7	37
120	Metabolic syndrome in Yup'ik Eskimos: the Center for Alaska Native Health Research (CANHR) Study. <i>Obesity</i> , 2007 , 15, 2535-40	8	36
119	Cerebrospinal fluid and plasma leptin measurements: covariability with dopamine and cortisol in fasting humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3579-85	5.6	36
118	The correlation between TG vs remnant lipoproteins in the fasting and postprandial plasma of 23 volunteers. <i>Clinica Chimica Acta</i> , 2009 , 404, 124-7	6.2	35
117	Hepatic Src homology phosphatase 2 regulates energy balance in mice. <i>Endocrinology</i> , 2012 , 153, 3158-62	4.8	35
116	Chronic hindbrain administration of oxytocin is sufficient to elicit weight loss in diet-induced obese rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R3572-R3577	3.2	34
115	Use and Importance of Nonhuman Primates in Metabolic Disease Research: Current State of the Field. <i>ILAR Journal</i> , 2017 , 58, 251-268	1.7	34
114	Relationships between plasma adiponectin and body fat distribution, insulin sensitivity, and plasma lipoproteins in Alaskan Yup'ik Eskimos: the Center for Alaska Native Health Research study. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 22-9	12.7	34
113	Deterioration of plasticity and metabolic homeostasis in the brain of the UCD-T2DM rat model of naturally occurring type-2 diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1313-23	6.9	32
112	On-chip phenotypic analysis of inflammatory monocytes in atherogenesis and myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13944-9	11.5	32
111	Contributions of Material Properties and Structure to Increased Bone Fragility for a Given Bone Mass in the UCD-T2DM Rat Model of Type 2 Diabetes. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1066-1075	6.3	30

110	Changes in post-prandial glucose and pancreatic hormones, and steady-state insulin and free fatty acids after gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 1-8	3	30
109	Evidence that vasoactive intestinal polypeptide is a parasympathetic neurotransmitter in the endocrine pancreas in dogs. <i>Regulatory Peptides</i> , 1997 , 71, 163-70		29
108	NPY-induced overfeeding suppresses hypothalamic NPY mRNA expression: potential roles of plasma insulin and leptin. <i>Regulatory Peptides</i> , 1998 , 75-76, 425-31		29
107	Effects of sugar-sweetened beverages on plasma acylation stimulating protein, leptin and adiponectin: relationships with metabolic outcomes. <i>Obesity</i> , 2013 , 21, 2471-80	8	28
106	Administration of Lispro insulin with meals improves glycemic control, increases circulating leptin, and suppresses ghrelin, compared with regular/NPH insulin in female patients with type 1 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 485-91	5.6	28
105	Metabolic and endocrine profiles in response to systemic infusion of fructose and glucose in rhesus macaques. <i>Endocrinology</i> , 2008 , 149, 3002-8	4.8	27
104	Leptin Deficiency Induced by Fasting Impairs the Satiety Response to Cholecystokinin*This work was supported by grants from the NIH (DK-12829, DK-52989, and NS-32272) and by the Royalty Research Fund, the Diabetes Endocrinology Research Center, and the Clinical Nutrition Research Unit of the University of Washington		26
103	Investigation of the mechanisms contributing to the compensatory increase in insulin secretion during dexamethasone-induced insulin resistance in rhesus macaques. <i>Journal of Endocrinology</i> , 2013 , 216, 207-15	4.7	24
102	Increased soluble leptin receptor levels in morbidly obese patients with insulin resistance and nonalcoholic fatty liver disease. <i>Obesity</i> , 2010 , 18, 2268-73	8	24
101	Leptin inhibits insulin secretion induced by cellular cAMP in a pancreatic B cell line (INS-1 cells). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R959-66	3.2	24
100	Low plasma adropin concentrations increase risks of weight gain and metabolic dysregulation in response to a high-sugar diet in male nonhuman primates. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9706-9719	5.4	23
99	Prospective evaluation of insulin and incretin dynamics in obese adults with and without diabetes for 2 years after Roux-en-Y gastric bypass. <i>Diabetologia</i> , 2018 , 61, 1142-1154	10.3	23
98	Inverse association between carbohydrate consumption and plasma adropin concentrations in humans. <i>Obesity</i> , 2016 , 24, 1731-40	8	23
97	Differential Responses of Plasma Adropin Concentrations To Dietary Glucose or Fructose Consumption In Humans. <i>Scientific Reports</i> , 2015 , 5, 14691	4.9	22
96	A stable isotope biomarker of marine food intake captures associations between n-3 fatty acid intake and chronic disease risk in a Yupik study population, and detects new associations with blood pressure and adiponectin. <i>Journal of Nutrition</i> , 2014 , 144, 706-13	4.1	22
95	Clinical research strategies for fructose metabolism. <i>Advances in Nutrition</i> , 2014 , 5, 248-59	10	21
94	Perinatal triphenyl phosphate exposure accelerates type 2 diabetes onset and increases adipose accumulation in UCD-type 2 diabetes mellitus rats. <i>Reproductive Toxicology</i> , 2017 , 68, 119-129	3.4	20
93	Galectin-12: A protein associated with lipid droplets that regulates lipid metabolism and energy balance. <i>Adipocyte</i> , 2012 , 1, 96-100	3.2	20

92	Circulating leptin and cortisol after burn injury: loss of diurnal pattern. <i>Journal of Burn Care and Research</i> , 2004 , 25, 491-9		20
91	Pharmacological inhibition of soluble epoxide hydrolase provides cardioprotection in hyperglycemic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H853-62	5.2	19
90	Adiponectin levels are associated with coronary artery disease across Caucasian and African-American ethnicity. <i>Translational Research</i> , 2007 , 149, 317-23	11	19
89	Plasma amino acid and metabolite signatures tracking diabetes progression in the UCD-T2DM rat model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E958-69	6	19
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