Peter J Havel

List of Publications by Year
in descending order

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		9264	9345
241	22,014	74	143
papers	citations	h-index	g-index

244	244	244	20840
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consuming fructose-sweetened, not glucose-sweetened, beverages increases visceral adiposity and lipids and decreases insulin sensitivity in overweight/obese humans. Journal of Clinical Investigation, 2009, 119, 1322-1334.	8.2	1,394
2	Relationship of adiponectin to body fat distribution, insulin sensitivity and plasma lipoproteins: evidence for independent roles of age and sex. Diabetologia, 2003, 46, 459-469.	6.3	1,272
3	Fructose, weight gain, and the insulin resistance syndrome,,. American Journal of Clinical Nutrition, 2002, 76, 911-922.	4.7	857
4	Dietary Fructose Reduces Circulating Insulin and Leptin, Attenuates Postprandial Suppression of Ghrelin, and Increases Triglycerides in Women. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2963-2972.	3.6	586
5	Update on Adipocyte Hormones. Diabetes, 2004, 53, S143-S151.	0.6	567
6	Animal models of obesity and diabetes mellitus. Nature Reviews Endocrinology, 2018, 14, 140-162.	9.6	563
7	Dietary Fructose: Implications for Dysregulation of Energy Homeostasis and Lipid/Carbohydrate Metabolism. Nutrition Reviews, 2005, 63, 133-157.	5.8	524
8	Control of energy homeostasis and insulin action by adipocyte hormones: leptin, acylation stimulating protein, and adiponectin. Current Opinion in Lipidology, 2002, 13, 51-59.	2.7	502
9	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. Diabetes, 2002, 51, 1884-1888.	0.6	491
10	Kv1.3 channels are a therapeutic target for T cell-mediated autoimmune diseases. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17414-17419.	7.1	470
11	Plasma Acylation-Stimulating Protein, Adiponectin, Leptin, and Ghrelin before and after Weight Loss Induced by Gastric Bypass Surgery in Morbidly Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1594-1602.	3.6	452
12	Evidence That Glucose Metabolism Regulates Leptin Secretion from Cultured Rat Adipocytes*. Endocrinology, 1998, 139, 551-558.	2.8	385
13	Peripheral Signals Conveying Metabolic Information to the Brain: Short-Term and Long-Term Regulation of Food Intake and Energy Homeostasis. Experimental Biology and Medicine, 2001, 226, 963-977.	2.4	378
14	The Concurrent Accumulation of Intra-Abdominal and Subcutaneous Fat Explains the Association Between Insulin Resistance and Plasma Leptin Concentrations. Diabetes, 2002, 51, 1005-1015.	0.6	362
15	Gender differences in plasma leptin concentrations. Nature Medicine, 1996, 2, 949-950.	30.7	289
16	Dietary Fructose: Implications for Dysregulation of Energy Homeostasis and Lipid/Carbohydrate Metabolism. Nutrition Reviews, 2005, 63, 133-157.	5.8	280
17	Role of adipose tissue in body-weight regulation: mechanisms regulating leptin production and energy balance. Proceedings of the Nutrition Society, 2000, 59, 359-371.	1.0	269
18	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. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1562-1569.	3.6	261

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19	Consumption of Fructose and High Fructose Corn Syrup Increase Postprandial Triglycerides, LDL-Cholesterol, and Apolipoprotein-B in Young Men and Women. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1596-E1605.	3.6	260
20	Consuming Fructoseâ€sweetened Beverages Increases Body Adiposity in Mice. Obesity, 2005, 13, 1146-1156.	4.0	255
21	High-fat meals reduce 24-h circulating leptin concentrations in women.. Diabetes, 1999, 48, 334-341.	0.6	253
22	Relation between circulating leptin concentrations and appetite during a prolonged, moderate energy deficit in women. American Journal of Clinical Nutrition, 1998, 68, 794-801.	4.7	251
23	A dose-response study of consuming high-fructose corn syrupâ€“sweetened beverages on lipid/lipoprotein risk factors for cardiovascular disease in young adults. American Journal of Clinical Nutrition, 2015, 101, 1144-1154.	4.7	214
24	Fructose consumption: potential mechanisms for its effects to increase visceral adiposity and induce dyslipidemia and insulin resistance. Current Opinion in Lipidology, 2008, 19, 16-24.	2.7	211
25	Physiological, Pharmacological, and Nutritional Regulation of Circulating Adiponectin Concentrations in Humans. Metabolic Syndrome and Related Disorders, 2008, 6, 87-102.	1.3	207
26	Twenty-four-hour endocrine and metabolic profiles following consumption of high-fructose corn syrup-, sucrose-, fructose-, and glucose-sweetened beverages with meals. American Journal of Clinical Nutrition, 2008, 87, 1194-1203.	4.7	206
27	Autonomic mediation of glucagon secretion during hypoglycemia: implications for impaired alpha-cell responses in type 1 diabetes. Diabetes, 1998, 47, 995-1005.	0.6	196
28	Changes of serum leptin and endocrine and metabolic parameters after 7 days of energy restriction in men and women. Metabolism: Clinical and Experimental, 1998, 47, 429-434.	3.4	190
29	Endocrine and metabolic effects of consuming beverages sweetened with fructose, glucose, sucrose, or high-fructose corn syrup. American Journal of Clinical Nutrition, 2008, 88, 1733S-1737S.	4.7	189
30	Adverse metabolic effects of dietary fructose. Current Opinion in Lipidology, 2013, 24, 198-206.	2.7	165
31	The Contribution of the Autonomic Nervous System to Changes of Glucagon and Insulin Secretion during Hypoglycemic Stress*. Endocrine Reviews, 1989, 10, 332-350.	20.1	163
32	Effects of Hypothalamic Neurodegeneration on Energy Balance. PLoS Biology, 2005, 3, e415.	5.6	159
33	Conjugated linoleic acid supplementation in humans: Effects on circulating leptin concentrations and appetite. Lipids, 2000, 35, 783-788.	1.7	153
34	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. Journal of Gastrointestinal Surgery, 2010, 14, 15-23.	1.7	153
35	Interleukin-15 stimulates adiponectin secretion by 3T3-L1 adipocytes: Evidence for a skeletal muscle-to-fat signaling pathway. Cell Biology International, 2005, 29, 449-457.	3.0	148
36	Low Circulating Adropin Concentrations with Obesity and Aging Correlate with Risk Factors for Metabolic Disease and Increase after Gastric Bypass Surgery in Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3783-3791.	3.6	145

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37	Chronic oxytocin administration inhibits food intake, increases energy expenditure, and produces weight loss in fructose-fed obese rhesus monkeys. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R431-R438.	1.8	141
38	Adiponectin Is Present in Cord Blood but Is Unrelated to Birth Weight. Diabetes Care, 2003, 26, 2244-2249.	8.6	140
39	Hypothalamic Leptin Signaling Regulates Hepatic Insulin Sensitivity via a Neurocircuit Involving the Vagus Nerve. Endocrinology, 2009, 150, 4502-4511.	2.8	137
40	Central Administration of Leptin Inhibits Food Intake and Activates the Sympathetic Nervous System in Rhesus Macaques1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 711-717.	3.6	133
41	Changes in stress, eating, and metabolic factors are related to changes in telomerase activity in a randomized mindfulness intervention pilot study. Psychoneuroendocrinology, 2012, 37, 917-928.	2.7	131
42	Effect of intracerebroventricular Î±-MSH on food intake, adiposity, c-Fos induction, and neuropeptide expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R695-R703.	1.8	125
43	Postprandial lipoprotein metabolism: VLDL vs chylomicrons. Clinica Chimica Acta, 2011, 412, 1306-1318.	1.1	124
44	Effects of streptozotocin-induced diabetes and insulin treatment on the hypothalamic melanocortin system and muscle uncoupling protein 3 expression in rats.. Diabetes, 2000, 49, 244-252.	0.6	123
45	Fructose-Fed Rhesus Monkeys: A Nonhuman Primate Model of Insulin Resistance, Metabolic Syndrome, and Type 2 Diabetes. Clinical and Translational Science, 2011, 4, 243-252.	3.1	119
46	Longitudinal changes in pancreatic and adipocyte hormones following Roux-en-Y gastric bypass surgery. Diabetologia, 2008, 51, 1901-1911.	6.3	118
47	Fructose consumption: recent results and their potential implications. Annals of the New York Academy of Sciences, 2010, 1190, 15-24.	3.8	118
48	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. Nutrition and Metabolism, 2012, 9, 68.	3.0	117
49	Leptin reverses sucrose-conditioned place preference in food-restricted rats. Physiology and Behavior, 2001, 73, 229-234.	2.1	116
50	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.. Endocrinology, 2000, 141, 4442-4448.	2.8	113
51	Hyperamylinemia Contributes to Cardiac Dysfunction in Obesity and Diabetes. Circulation Research, 2012, 110, 598-608.	4.5	113
52	Reduced Body Weight, Adipose Tissue, and Leptin Levels Despite Increased Energy Intake in Female Mice Lacking Acylation-Stimulating Protein¹. Endocrinology, 2000, 141, 1041-1049.	2.8	112
53	Consumption of fructose-sweetened beverages for 10 weeks increases postprandial triacylglycerol and apolipoprotein-B concentrations in overweight and obese women. British Journal of Nutrition, 2008, 100, 947-952.	2.3	112
54	Consumption of fructose-sweetened beverages for 10 weeks reduces net fat oxidation and energy expenditure in overweight/obese men and women. European Journal of Clinical Nutrition, 2012, 66, 201-208.	2.9	112

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55	Excessive Sugar Consumption May Be a Difficult Habit to Break: A View From the Brain and Body. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2239-2247.	3.6	108
56	Low plasma leptin levels contribute to diabetic hyperphagia in rats. Diabetes, 1999, 48, 1275-1280.	0.6	104
57	Central Administration of Leptin Inhibits Food Intake and Activates the Sympathetic Nervous System in Rhesus Macaques. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 711-717.	3.6	102
58	Adipogenic human adenovirus-36 reduces leptin expression and secretion and increases glucose uptake by fat cells. International Journal of Obesity, 2007, 31, 87-96.	3.4	101
59	Ileal Interposition Surgery Improves Glucose and Lipid Metabolism and Delays Diabetes Onset in the UCD-T2DM Rat. Gastroenterology, 2010, 138, 2437-2446.e1.	1.3	100
60	Chronic stress increases vulnerability to diet-related abdominal fat, oxidative stress, and metabolic risk. Psychoneuroendocrinology, 2014, 46, 14-22.	2.7	98
61	Marked and rapid decreases of circulating leptin in streptozotocin diabetic rats: reversal by insulin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1482-R1491.	1.8	96
62	Effects of weight loss, induced by gastric bypass surgery, on HDL remodeling in obese women. Journal of Lipid Research, 2010, 51, 2405-2412.	4.2	95
63	Fructose Consumption: Considerations for Future Research on Its Effects on Adipose Distribution, Lipid Metabolism, and Insulin Sensitivity in Humans. Journal of Nutrition, 2009, 139, 1236S-1241S.	2.9	93
64	Radioimmunoassay of rat leptin: sexual dimorphism reversed from humans. Clinical Chemistry, 1998, 44, 565-570.	3.2	92
65	Intra-islet insulin permits glucose to directly suppress pancreatic A cell function.. Journal of Clinical Investigation, 1991, 88, 767-773.	8.2	92
66	Development and characterization of a novel rat model of type 2 diabetes mellitus: the UC Davis type 2 diabetes mellitus UCD-T2DM rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1782-R1793.	1.8	88
67	Alterations in intervertebral disc composition, matrix homeostasis and biomechanical behavior in the UCDâ€T2DM rat model of type 2 diabetes. Journal of Orthopaedic Research, 2015, 33, 738-746.	2.3	85
68	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. American Journal of Veterinary Research, 2000, 61, 796-801.	0.6	82
69	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. Metabolism: Clinical and Experimental, 2006, 55, 359-365.	3.4	82
70	Wilson's disease: Changes in methionine metabolism and inflammation affect global DNA methylation in early liver disease. Hepatology, 2013, 57, 555-565.	7.3	82
71	Chronic CNS oxytocin signaling preferentially induces fat loss in high-fat diet-fed rats by enhancing satiety responses and increasing lipid utilization. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R640-R658.	1.8	82
72	Circulating concentrations of high-molecular-weight adiponectin are increased following Roux-en-Y gastric bypass surgery. Diabetologia, 2006, 49, 2552-2558.	6.3	79

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73	Counterregulation during spontaneous nocturnal hypoglycemia in prepubertal children with type 1 diabetes.. Diabetes Care, 1999, 22, 1144-1150.	8.6	77
74	Activation of the Parasympathetic Nervous System Is Necessary for Normal Meal-Induced Insulin Secretion in Rhesus Macaques1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1253-1259.	3.6	76
75	Serum leptin concentrations in infants: effects of diet, sex, and adiposity. American Journal of Clinical Nutrition, 2000, 72, 484-489.	4.7	75
76	Multinutrient supplement containing ephedra and caffeine causes weight loss and improves metabolic risk factors in obese women: a randomized controlled trial. International Journal of Obesity, 2006, 30, 1545-1556.	3.4	75
77	Subcutaneous administration of leptin normalizes fasting plasma glucose in obese type 2 diabetic UCD-T2DM rats. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14670-14675.	7.1	75
78	Correlation of circulating fullâ€length visfatin (PBEF/NAMPT) with metabolic parameters in subjects with and without diabetes: a crossâ€sectional study. Clinical Endocrinology, 2008, 69, 885-893.	2.4	74
79	Association of adiponectin with mortality in older adults: the Health, Aging, and Body Composition Study. Diabetologia, 2009, 52, 591-595.	6.3	74
80	Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1682-R1688.	1.8	73
81	Effect of dietary nâ€“3 polyunsaturated fatty acids on plasma total and high-molecular-weight adiponectin concentrations in overweight to moderately obese men and women. American Journal of Clinical Nutrition, 2008, 87, 347-353.	4.7	73
82	Ablation of a galectin preferentially expressed in adipocytes increases lipolysis, reduces adiposity, and improves insulin sensitivity in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18696-18701.	7.1	73
83	Effects of Metformin and Vanadium on Leptin Secretion from Cultured Rat Adipocytes. Obesity, 2000, 8, 530-539.	4.0	72
84	Brain functional magnetic resonance imaging response to glucose and fructose infusions in humans. Diabetes, Obesity and Metabolism, 2011, 13, 229-234.	4.4	72
85	Metabolic responses to prolonged consumption of glucose- and fructose-sweetened beverages are not associated with postprandial or 24-h glucose and insulin excursions. American Journal of Clinical Nutrition, 2011, 94, 112-119.	4.7	72
86	Acylation Stimulating Protein (ASP) Deficiency Alters Postprandial and Adipose Tissue Metabolism in Male Mice. Journal of Biological Chemistry, 1999, 274, 36219-36225.	3.4	71
87	Transcriptional Regulation of the Leptin Promoter by Insulin-Stimulated Glucose Metabolism in 3T3-L1 Adipocytes. Biochemical and Biophysical Research Communications, 2001, 283, 544-548.	2.1	71
88	Serum Adiponectin and Coronary Heart Disease Risk in Older Black and White Americans. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5044-5050.	3.6	70
89	Vertical Sleeve Gastrectomy Improves Glucose and Lipid Metabolism and Delays Diabetes Onset in UCD-T2DM Rats. Endocrinology, 2012, 153, 3620-3632.	2.8	69
90	Glucose sensing by gut endocrine cells and activation of the vagal afferent pathway is impaired in a rodent model of type 2 diabetes mellitus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R657-R666.	1.8	69

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91	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. Molecular Metabolism, 2018, 8, 51-64.	6.5	69
92	Acylation-stimulating Protein (ASP)/Complement C3adesArg Deficiency Results in Increased Energy Expenditure in Mice. Journal of Biological Chemistry, 2004, 279, 4051-4057.	3.4	68
93	Altering Pyrroloquinoline Quinone Nutritional Status Modulates Mitochondrial, Lipid, and Energy Metabolism in Rats. PLoS ONE, 2011, 6, e21779.	2.5	67
94	Superficial Necrolytic Dermatitis (Necrolytic Migratory Erythema) in Dogs. Veterinary Pathology, 1993, 30, 75-81.	1.7	63
95	Chronic Administration of the Glucagon-Like Peptide-1 Analog, Liraglutide, Delays the Onset of Diabetes and Lowers Triglycerides in UCD-T2DM Rats. Diabetes, 2010, 59, 2653-2661.	0.6	63
96	Leptin concentrations in response to acute stress predict subsequent intake of comfort foods. Physiology and Behavior, 2012, 107, 34-39.	2.1	61
97	Inhibition of Protein Tyrosine Phosphatase-1B with Antisense Oligonucleotides Improves Insulin Sensitivity and Increases Adiponectin Concentrations in Monkeys. Endocrinology, 2009, 150, 1670-1679.	2.8	60
98	Lipoprotein lipase is active as a monomer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6319-6328.	7.1	60
99	Mechanisms regulating leptin production: implications for control of energy balance. American Journal of Clinical Nutrition, 1999, 70, 305-306.	4.7	59
100	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. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E2034-E2038.	3.6	59
101	DNA Methylation Patterns Are Associated with nâ€“3 Fatty Acid Intake in Yup'ik People. Journal of Nutrition, 2014, 144, 425-430.	2.9	59
102	Genetic polymorphisms in carnitine palmitoyltransferase 1A gene are associated with variation in body composition and fasting lipid traits in Yup'ik Eskimos. Journal of Lipid Research, 2012, 53, 175-184.	4.2	58
103	Low Prepregnancy Adiponectin Concentrations Are Associated With a Marked Increase in Risk for Development of Gestational Diabetes Mellitus. Diabetes Care, 2013, 36, 3930-3937.	8.6	58
104	Muscle insulin receptor concentrations in obese patients post bariatric surgery: relationship to hyperinsulinemia. International Journal of Obesity, 2004, 28, 363-369.	3.4	57
105	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. Journal of Bone and Mineral Research, 2018, 33, 1066-1075.	2.8	57
106	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?. Appetite, 2014, 76, 84-94.	3.7	55
107	Activation of the Parasympathetic Nervous System Is Necessary for Normal Meal-Induced Insulin Secretion in Rhesus Macaques. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1253-1259.	3.6	54
108	Use and Importance of Nonhuman Primates in Metabolic Disease Research: Current State of the Field. ILAR Journal, 2017, 58, 251-268.	1.8	53

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109	CRP and Adiponectin and Its Oligomers in the Metabolic Syndrome. American Journal of Clinical Pathology, 2008, 129, 815-822.	0.7	51
110	Effects of weight loss, induced by gastric bypass surgery, on HDL remodeling in obese women. Journal of Lipid Research, 2010, 51, 2405-2412.	4.2	51
111	Synergistic Impairment of Glucose Homeostasis in ob/ob Mice Lacking Functional Serotonin 2C Receptors. Endocrinology, 2008, 149, 955-961.	2.8	50
112	Bile-acid-mediated decrease in endoplasmic reticulum stress: a potential contributor to the metabolic benefits of ileal interposition surgery in UCD-T2DM rats. DMM Disease Models and Mechanisms, 2013, 6, 443-56.	2.4	50
113	Analytical Validation and Biological Evaluation of a Highâ€“Molecular-Weight Adiponectin ELISA. Clinical Chemistry, 2007, 53, 2144-2151.	3.2	48
114	Hepatic Src Homology Phosphatase 2 Regulates Energy Balance in Mice. Endocrinology, 2012, 153, 3158-3169.	2.8	47
115	Fish Oil Supplementation Ameliorates Fructose-Induced Hypertriglyceridemia and Insulin Resistance in Adult Male Rhesus Macaques. Journal of Nutrition, 2014, 144, 5-11.	2.9	47
116	Chronic hindbrain administration of oxytocin is sufficient to elicit weight loss in diet-induced obese rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R357-R371.	1.8	47
117	Protein Tyrosine Phosphatase 1B Regulates Pyruvate Kinase M2 Tyrosine Phosphorylation. Journal of Biological Chemistry, 2013, 288, 17360-17371.	3.4	46
118	Perinatal triphenyl phosphate exposure accelerates type 2 diabetes onset and increases adipose accumulation in UCD-type 2 diabetes mellitus rats. Reproductive Toxicology, 2017, 68, 119-129.	2.9	45
119	Low plasma adropin concentrations increase risks of weight gain and metabolic dysregulation in response to a high-sugar diet in male nonhuman primates. Journal of Biological Chemistry, 2019, 294, 9706-9719.	3.4	45
120	Dietary fructose accelerates the development of diabetes in UCD-T2DM rats: amelioration by the antioxidant, Î±-lipoic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1343-R1350.	1.8	44
121	Cerebrospinal Fluid and Plasma Leptin Measurements: Covariability with Dopamine and Cortisol in Fasting Humans*. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3579-3585.	3.6	41
122	The correlation between TG vs remnant lipoproteins in the fasting and postprandial plasma of 23 volunteers. Clinica Chimica Acta, 2009, 404, 124-127.	1.1	41
123	Deterioration of plasticity and metabolic homeostasis in the brain of the UCD-T2DM rat model of naturally occurring type-2 diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1313-1323.	3.8	39
124	Redundant parasympathetic and sympathoadrenal mediation of increased glucagon secretion during insulin-induced hypoglycemia in conscious rats. Metabolism: Clinical and Experimental, 1994, 43, 860-866.	3.4	38
125	Metabolic Syndrome in Yupâ€™ik Eskimos: The Center for Alaska Native Health Research (CANHR) Study**. Obesity, 2007, 15, 2535-2540.	3.0	38
126	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. Metabolism: Clinical and Experimental, 2009, 58, 22-29.	3.4	38

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127	On-chip phenotypic analysis of inflammatory monocytes in atherogenesis and myocardial infarction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13944-13949.	7.1	38
128	Leptin inhibits insulin secretion induced by cellular cAMP in a pancreatic B cell line (INS-1 cells). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R959-R966.	1.8	37
129	Evidence that vasoactive intestinal polypeptide is a parasympathetic neurotransmitter in the endocrine pancreas in dogs. Regulatory Peptides, 1997, 71, 163-170.	1.9	36
130	Changes in post-prandial glucose and pancreatic hormones, and steady-state insulin and free fatty acids after gastric bypass surgery. Surgery for Obesity and Related Diseases, 2014, 10, 1-8.	1.2	36
131	Inverse association between carbohydrate consumption and plasma adropin concentrations in humans. Obesity, 2016, 24, 1731-1740.	3.0	36
132	Reduced Body Weight, Adipose Tissue, and Leptin Levels Despite Increased Energy Intake in Female Mice Lacking Acylation-Stimulating Protein. Endocrinology, 2000, 141, 1041-1049.	2.8	34
133	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. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 485-491.	3.6	33
134	NPY-induced overfeeding suppresses hypothalamic NPY mRNA expression: potential roles of plasma insulin and leptin. Regulatory Peptides, 1998, 75-76, 425-431.	1.9	32
135	Increased Soluble Leptin Receptor Levels in Morbidly Obese Patients With Insulin Resistance and Nonalcoholic Fatty Liver Disease. Obesity, 2010, 18, 2268-2273.	3.0	32
136	Effects of sugarâ€sweetened beverages on plasma acylation stimulating protein, leptin and adiponectin: Relationships with Metabolic Outcomes. Obesity, 2013, 21, 2471-2480.	3.0	32
137	Leptin Deficiency Induced by Fasting Impairs the Satiety Response to Cholecystokinin. Endocrinology, 2000, 141, 4442-4448.	2.8	32
138	Prospective evaluation of insulin and incretin dynamics in obese adults with and without diabetes for 2Âyears after Roux-en-Y gastric bypass. Diabetologia, 2018, 61, 1142-1154.	6.3	30
139	Metabolic and Endocrine Profiles in Response to Systemic Infusion of Fructose and Glucose in Rhesus Macaques. Endocrinology, 2008, 149, 3002-3008.	2.8	29
140	Differential Responses of Plasma Adropin Concentrations To Dietary Glucose or Fructose Consumption In Humans. Scientific Reports, 2015, 5, 14691.	3.3	28
141	Galectin-12. Adipocyte, 2012, 1, 96-100.	2.8	26
142	Investigation of the mechanisms contributing to the compensatory increase in insulin secretion during dexamethasone-induced insulin resistance in rhesus macaques. Journal of Endocrinology, 2013, 216, 207-215.	2.6	26
143	A Stable Isotope Biomarker of Marine Food Intake Captures Associations between nâ€“3 Fatty Acid Intake and Chronic Disease Risk in a Yupâ€™ik Study Population, and Detects New Associations with Blood Pressure and Adiponectin. Journal of Nutrition, 2014, 144, 706-713.	2.9	24
144	Plasma amino acid and metabolite signatures tracking diabetes progression in the UCD-T2DM rat model. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E958-E969.	3.5	24

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145	Protein tyrosine phosphatase Shp2 deficiency in podocytes attenuates lipopolysaccharide-induced proteinuria. Scientific Reports, 2017, 7, 461.	3.3	24
146	Pharmacological inhibition of soluble epoxide hydrolase provides cardioprotection in hyperglycemic rats. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H853-H862.	3.2	23
147	Clinical Research Strategies for Fructose Metabolism. Advances in Nutrition, 2014, 5, 248-259.	6.4	23
148	Podocyteâ€specific soluble epoxide hydrolase deficiency in mice attenuates acute kidney injury. FEBS Journal, 2017, 284, 1970-1986.	4.7	23
149	Dehydration Reduces the Endurance Running Capacity of the Lizard Uta stansburiana. Copeia, 1989, 1989, 1052.	1.3	22
150	Adiponectin levels are associated with coronary artery disease across Caucasian and African-American ethnicity. Translational Research, 2007, 149, 317-323.	5.0	22
151	Synergistic effects of fructose and glucose on lipoprotein risk factors for cardiovascular disease in young adults. Metabolism: Clinical and Experimental, 2020, 112, 154356.	3.4	22
152	Glucose but not fructose infusion increases circulating leptin in proportion to adipose stores in Rhesus monkeys. Experimental and Clinical Endocrinology and Diabetes, 1997, 105, 37-38.	1.2	21
153	The majority of lipoprotein lipase in plasma is bound to remnant lipoproteins: A new definition of remnant lipoproteins. Clinica Chimica Acta, 2016, 461, 114-125.	1.1	21
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