Kimber L Stanhope

List of Publications by Year
in descending order

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95 papers	6,853 citations	94269 37 h-index	60497 81 g-index
101 all docs	101 docs citations	101 times ranked	7493 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.	3.9	1,394
2	Sugar consumption, metabolic disease and obesity: The state of the controversy. Critical Reviews in Clinical Laboratory Sciences, 2016, 53, 52-67.	2.7	494
3	Evidence That Glucose Metabolism Regulates Leptin Secretion from Cultured Rat Adipocytes*. Endocrinology, 1998, 139, 551-558.	1.4	385
4	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.	1.8	261
5	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.	1.8	260
6	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.	2.2	214
7	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.	1.2	211
8	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.	2.2	206
9	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.	2.2	189
10	Role of Fructose-Containing Sugars in the Epidemics of Obesity and Metabolic Syndrome. Annual Review of Medicine, 2012, 63, 329-343.	5.0	176
11	Adverse metabolic effects of dietary fructose. Current Opinion in Lipidology, 2013, 24, 198-206.	1.2	165
12	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.	1.8	145
13	Fructose and hepatic insulin resistance. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 308-322.	2.7	122
14	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.	1.5	119
15	Longitudinal changes in pancreatic and adipocyte hormones following Roux-en-Y gastric bypass surgery. Diabetologia, 2008, 51, 1901-1911.	2.9	118
16	Fructose consumption: recent results and their potential implications. Annals of the New York Academy of Sciences, 2010, 1190, 15-24.	1.8	118
17	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.	1.3	117
18	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.	1.2	112

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19	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.	1.3	112
20	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.	1.8	108
21	Chronic stress increases vulnerability to diet-related abdominal fat, oxidative stress, and metabolic risk. Psychoneuroendocrinology, 2014, 46, 14-22.	1.3	98
22	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.	0.9	96
23	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.	1.3	93
24	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.	0.9	88
25	Effects of Metformin and Vanadium on Leptin Secretion from Cultured Rat Adipocytes. Obesity, 2000, 8, 530-539.	4.0	72
26	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.	2.2	72
27	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. Molecular Metabolism, 2018, 8, 51-64.	3.0	69
28	Pathways and mechanisms linking dietary components to cardiometabolic disease: thinking beyond calories. Obesity Reviews, 2018, 19, 1205-1235.	3.1	60
29	Lipoprotein lipase is active as a monomer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6319-6328.	3.3	60
30	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.	1.8	59
31	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.	2.0	58
32	Are Fruit Juices Healthier Than Sugar-Sweetened Beverages? A Review. Nutrients, 2019, 11, 1006.	1.7	56
33	Fish Oil Supplementation Ameliorates Fructose-Induced Hypertriglyceridemia and Insulin Resistance in Adult Male Rhesus Macaques. Journal of Nutrition, 2014, 144, 5-11.	1.3	47
34	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.	1.3	45
35	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.	1.6	45
36	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.	1.8	39

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37	Metabolic Syndrome in Yupâ€™ik Eskimos: The Center for Alaska Native Health Research (CANHR) Study**. Obesity, 2007, 15, 2535-2540.	1.5	38
38	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.	1.5	38
39	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.	3.3	38
40	Inverse association between carbohydrate consumption and plasma adropin concentrations in humans. Obesity, 2016, 24, 1731-1740.	1.5	36
41	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.	1.8	33
42	Effects of sugarâ€sweetened beverages on plasma acylation stimulating protein, leptin and adiponectin: Relationships with Metabolic Outcomes. Obesity, 2013, 21, 2471-2480.	1.5	32
43	Differential Responses of Plasma Adropin Concentrations To Dietary Glucose or Fructose Consumption In Humans. Scientific Reports, 2015, 5, 14691.	1.6	28
44	Comparison of the effect of post-heparin and pre-heparin lipoprotein lipase and hepatic triglyceride lipase on remnant lipoprotein metabolism. Clinica Chimica Acta, 2015, 440, 193-200.	0.5	25
45	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.	1.3	24
46	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.	1.8	24
47	Determination of serum lipoprotein lipase using a latex particle-enhanced turbidimetric immunoassay with an automated analyzer. Clinica Chimica Acta, 2015, 442, 130-135.	0.5	23
48	Synergistic effects of fructose and glucose on lipoprotein risk factors for cardiovascular disease in young adults. Metabolism: Clinical and Experimental, 2020, 112, 154356.	1.5	22
49	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.	0.5	21
50	Exaggerated cardiovascular responses to muscle contraction and tendon stretch in UCD type-2 diabetes mellitus rats. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H479-H486.	1.5	21
51	Dietary fructose and dyslipidemia: new mechanisms involving apolipoprotein CIII. Current Opinion in Lipidology, 2020, 31, 20-26.	1.2	20
52	Linkage and association analysis of obesity traits reveals novel loci and interactions with dietary n-3 fatty acids in an Alaska Native (Yupâ€™ik) population. Metabolism: Clinical and Experimental, 2015, 64, 689-697.	1.5	19
53	Fructose-induced hypertriglyceridemia in rhesus macaques is attenuated with fish oil or ApoC3 RNA interference. Journal of Lipid Research, 2019, 60, 805-818.	2.0	19
54	Diabetes-associated alterations in the cecal microbiome and metabolome are independent of diet or environment in the UC Davis Type 2 Diabetes Mellitus Rat model. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E961-E972.	1.8	18

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55	Effects of Dietary Glucose and Fructose on Copper, Iron, and Zinc Metabolism Parameters in Humans. Nutrients, 2020, 12, 2581.	1.7	17
56	<scp>CDKAL1</scp> and <scp>HHEX</scp> are associated with type 2 diabetesâ€related traits among <scp>Y</scp>up'ik people (åœ¨å°çš®å…‹äººCDKAL1å’ŒHHEXä¸Žå2åž‹ç³–å°¿ç—…ç›¸å…³ç‰¹å¾æœ‰å. 251-259.	1.8	17
57	Effects of Fructose or Glucose on Circulating ApoCIII and Triglyceride and Cholesterol Content of Lipoprotein Subfractions in Humans. Journal of Clinical Medicine, 2019, 8, 913.	1.0	16
58	An Exploration of the Role of Sugar-Sweetened Beverage in Promoting Obesity and Health Disparities. Current Obesity Reports, 2021, 10, 39-52.	3.5	16
59	Isotopic estimates of sugar intake are related to chronic disease risk factors but not obesity in an Alaska native (Yupâ€™ik) study population. European Journal of Clinical Nutrition, 2014, 68, 91-96.	1.3	15
60	Triglyceride content in remnant lipoproteins is significantly increased after food intake and is associated with plasma lipoprotein lipase. Clinica Chimica Acta, 2017, 465, 45-52.	0.5	15
61	Consuming Sucrose- or HFCS-sweetened Beverages Increases Hepatic Lipid and Decreases Insulin Sensitivity in Adults. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3248-3264.	1.8	15
62	Xenometabolite signatures in the UC Davis type 2 diabetes mellitus rat model revealed using a metabolomics platform enriched with microbe-derived metabolites. American Journal of Physiology - Renal Physiology, 2020, 319, G157-G169.	1.6	13
63	Role of angiopoietin-like protein 3 in sugar-induced dyslipidemia in rhesus macaques: suppression by fish oil or RNAi. Journal of Lipid Research, 2020, 61, 376-386.	2.0	13
64	Ethnicity-specific alterations of plasma and hepatic lipidomic profiles are related to high NAFLD rate and severity in Hispanic Americans, a pilot study. Free Radical Biology and Medicine, 2021, 172, 490-502.	1.3	13
65	Potentiation of Acetylcholine-Induced Relaxation of Aorta in Male UC Davis Type 2 Diabetes Mellitus (UCD-T2DM) Rats: Sex-Specific Responses. Frontiers in Physiology, 2021, 12, 616317.	1.3	12
66	Lipoprotein lipase does not increase significantly in the postprandial plasma. Clinica Chimica Acta, 2017, 464, 204-210.	0.5	11
67	Effects of Consuming Sugar-Sweetened Beverages for 2 Weeks on 24-h Circulating Leptin Profiles, Ad Libitum Food Intake and Body Weight in Young Adults. Nutrients, 2020, 12, 3893.	1.7	11
68	Evidence for novel genetic loci associated with metabolic traits in Yup'ik people. American Journal of Human Biology, 2013, 25, 673-680.	0.8	10
69	Effect of DDT exposure on lipids and energy balance in obese Sprague-Dawley rats before and after weight loss. Toxicology Reports, 2015, 2, 990-995.	1.6	10
70	Progression of diabetes is associated with changes in the ileal transcriptome and illealâ€colon morphology in the UC Davis Type 2 Diabetes Mellitus rat. Physiological Reports, 2021, 9, e15102.	0.7	9
71	Adipose depot-specific effects of ileal interposition surgery in UCD-T2D rats: unexpected implications for obesity and diabetes. Biochemical Journal, 2018, 475, 649-662.	1.7	8
72	Moringa Isothiocyanate-rich Seed Extract Delays the Onset of Diabetes in UC Davis Type-2 Diabetes Mellitus Rats. Scientific Reports, 2020, 10, 8861.	1.6	8

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73	The Dose-Response Effects of Consuming High Fructose Corn Syrup-Sweetened Beverages on Hepatic Lipid Content and Insulin Sensitivity in Young Adults. Nutrients, 2022, 14, 1648.	1.7	8
74	Role of cardiotrophinâ€1 in the regulation of metabolic circadian rhythms and adipose core clock genes in mice and characterization of 24â€h circulating CTâ€1 profiles in normalâ€weight and overweight/obese subjects. FASEB Journal, 2017, 31, 1639-1649.	0.2	6
75	Plasma fatty acid ethanolamides are associated with postprandial triglycerides, ApoCIII, and ApoE in humans consuming a high-fructose corn syrup-sweetened beverage. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E141-E149.	1.8	6
76	Mesenteric arterial dysfunction in the UC Davis Type 2 Diabetes Mellitus rat model is dependent on pre-diabetic versus diabetic status and is sexually dimorphic. European Journal of Pharmacology, 2020, 879, 173089.	1.7	6
77	Guidelines to lower intake of added sugar are necessary and justified. Nature Reviews Cardiology, 2022, 19, 569-570.	6.1	6
78	Evaluation of Orally Administered Atorvastatin on Plasma Lipid and Biochemistry Profiles in Hypercholesterolemic Hispaniolan Amazon Parrots (Amazona ventralis). , 2020, 34, 32.		5
79	Linkage and association analysis of circulating vitamin D and parathyroid hormone identifies novel loci in Alaska Native Yupâ€™ik people. Genes and Nutrition, 2016, 11, 23.	1.2	4
80	More pieces of the fructose puzzle. Journal of Internal Medicine, 2017, 282, 202-204.	2.7	4
81	Cardiac NF-ÎºB Acetylation Increases While Nrf2-Related Gene Expression and Mitochondrial Activity Are Impaired during the Progression of Diabetes in UCD-T2DM Rats. Antioxidants, 2022, 11, 927.	2.2	4
82	Polymorphisms in stearoyl coa desaturase and sterol regulatory element binding protein interact with N-3 polyunsaturated fatty acid intake to modify associations with anthropometric variables and metabolic phenotypes in Yup'ik people. Molecular Nutrition and Food Research, 2016, 60, 2642-2653.	1.5	3
83	A Pilot Study Comparing the Effects of Consuming 100% Orange Juice or Sucrose-Sweetened Beverage on Risk Factors for Cardiometabolic Disease in Women. Nutrients, 2021, 13, 760.	1.7	3
84	Plasma Oxylipin Profile Discriminates Ethnicities in Subjects with Non-Alcoholic Steatohepatitis: An Exploratory Analysis. Metabolites, 2022, 12, 192.	1.3	3
85	Ileal interposition surgery targets the hepatic TGFâ€Î² pathway, influencing gluconeogenesis and mitochondrial bioenergetics in the UCDâ€T2DM rat model of diabetes. FASEB Journal, 2019, 33, 11270-11283.	0.2	2
86	Consumption of Fructose and High Fructose Corn Syrup Increase Postprandial Triglycerides, LDL-Cholesterol, and Apolipoprotein-B in Young Men and Women. , 2015, , 63-84.		0
87	Response to â€œBest (but oft forgotten) practices: testing for treatment effects in randomized trials by separate analyses of changes from baseline in each group is a misleading approachâ€. American Journal of Clinical Nutrition, 2016, 103, 589.	2.2	0
88	CD11d expression is dramatically increased in white adipose tissue of obese rodents. FASEB Journal, 2009, 23, 221.4.	0.2	0
89	Relationships between breakfast consumption, insulin resistance, and BMI in adult men and women. FASEB Journal, 2011, 25, lb267.	0.2	0
90	Androgen hormones are associated with lipoprotein profiles in healthy premenopausal women. FASEB Journal, 2011, 25, .	0.2	0

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91	Comparison of the Effects of a Sweetened Beverage Intervention on Selfâ€Selected Food Intake. FASEB Journal, 2016, 30, 418.8.	0.2	0
92	The Aortic function of Male UC Davis Type 2 Diabetes Mellitus (UCD-T2DM) Rats: Possible Involvement of Intermediate Conductance Potassium Channels (IKca). Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR9-1.	0.0	0
93	Type 2 Diabetic Rats Develop Exercise Pressor Reflex Dysfunction Over Time: New Insight Into Aging With Diabetes. FASEB Journal, 2018, 32, 725.10.	0.2	0
94	The Development and Progression of Mechanical Allodynia in UC, Davis Type 2 Diabetic Rats. FASEB Journal, 2018, 32, lb474.	0.2	0
95	Effects of Estrogen Replacement on AChâ€Induced Relaxation in Mesenteric Arteries of Prediabetic Ovariectomized Rats. FASEB Journal, 2019, 33, 512.11.	0.2	0