

# Changting Xiao

## List of Publications by Year in descending order

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68  
papers

2,949  
citations

159525

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168321

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docs citations

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times ranked

3921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid-induced pancreatic $\beta$ -cell dysfunction: focus on in vivo studies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E255-E262.	1.8	178
2	Sodium Phenylbutyrate, a Drug With Known Capacity to Reduce Endoplasmic Reticulum Stress, Partially Alleviates Lipid-Induced Insulin Resistance and $\beta$ -Cell Dysfunction in Humans. <i>Diabetes</i> , 2011, 60, 918-924.	0.3	166
3	Pharmacological Targeting of the Atherogenic Dyslipidemia Complex: The Next Frontier in CVD Prevention Beyond Lowering LDL Cholesterol. <i>Diabetes</i> , 2016, 65, 1767-1778.	0.3	155
4	New Insights into the Regulation of Chylomicron Production. <i>Annual Review of Nutrition</i> , 2015, 35, 265-294.	4.3	140
5	Exenatide, a Glucagon-like Peptide-1 Receptor Agonist, Acutely Inhibits Intestinal Lipoprotein Production in Healthy Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1513-1519.	1.1	135
6	Differential effects of monounsaturated, polyunsaturated and saturated fat ingestion on glucose-stimulated insulin secretion, sensitivity and clearance in overweight and obese, non-diabetic humans. <i>Diabetologia</i> , 2006, 49, 1371-1379.	2.9	127
7	Hypertriglyceridemia in the Genomic Era: A New Paradigm. <i>Endocrine Reviews</i> , 2015, 36, 131-147.	8.9	118
8	Both Intestinal and Hepatic Lipoprotein Production Are Stimulated by an Acute Elevation of Plasma Free Fatty Acids in Humans. <i>Circulation</i> , 2008, 117, 2369-2376.	1.6	100
9	Gut-liver interaction in triglyceride-rich lipoprotein metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E429-E446.	1.8	98
10	High-Dose Resveratrol Treatment for 2 Weeks Inhibits Intestinal and Hepatic Lipoprotein Production in Overweight/Obese Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2895-2901.	1.1	93
11	Oral taurine but not N-acetylcysteine ameliorates NEFA-induced impairment in insulin sensitivity and beta cell function in obese and overweight, non-diabetic men. <i>Diabetologia</i> , 2007, 51, 139-146.	2.9	90
12	Intranasal Insulin Suppresses Endogenous Glucose Production in Humans Compared With Placebo in the Presence of Similar Venous Insulin Concentrations. <i>Diabetes</i> , 2015, 64, 766-774.	0.3	88
13	Insulin Acutely Inhibits Intestinal Lipoprotein Secretion in Humans in Part by Suppressing Plasma Free Fatty Acids. <i>Diabetes</i> , 2010, 59, 580-587.	0.3	82
14	Nucleic Acid-Targeting Pathways Promote Inflammation in Obesity-Related Insulin Resistance. <i>Cell Reports</i> , 2016, 16, 717-730.	2.9	77
15	Glucagon-Like Peptide-2 Regulates Release of Chylomicrons From the Intestine. <i>Gastroenterology</i> , 2014, 147, 1275-1284.e4.	0.6	73
16	Regulation of Chylomicron Secretion: Focus on Post-Assembly Mechanisms. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 487-501.	2.3	63
17	Recent Advances in Triacylglycerol Mobilization by the Gut. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 151-163.	3.1	60
18	Sitagliptin, a DPP-4 Inhibitor, Acutely Inhibits Intestinal Lipoprotein Particle Secretion in Healthy Humans. <i>Diabetes</i> , 2014, 63, 2394-2401.	0.3	59

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19	Regulation of chylomicron production in humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 736-746.	1.2	58
20	The Atherogenic Dyslipidemia Complex and Novel Approaches to Cardiovascular Disease Prevention in Diabetes. <i>Canadian Journal of Cardiology</i> , 2018, 34, 595-604.	0.8	56
21	C-reactive protein impairs hepatic insulin sensitivity and insulin signaling in rats: Role of mitogen-activated protein kinases. <i>Hepatology</i> , 2011, 53, 127-135.	3.6	54
22	Effects of Acute Hyperglucagonemia on Hepatic and Intestinal Lipoprotein Production and Clearance in Healthy Humans. <i>Diabetes</i> , 2011, 60, 383-390.	0.3	52
23	Triglyceride-Rich Lipoprotein-Associated Apolipoprotein C-III Production Is Stimulated by Plasma Free Fatty Acids in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1660-1665.	1.1	50
24	Gut Peptides Are Novel Regulators of Intestinal Lipoprotein Secretion: Experimental and Pharmacological Manipulation of Lipoprotein Metabolism. <i>Diabetes</i> , 2015, 64, 2310-2318.	0.3	50
25	Novel Role of Enteral Monosaccharides in Intestinal Lipoprotein Production in Healthy Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1056-1062.	1.1	47
26	New and emerging regulators of intestinal lipoprotein secretion. <i>Atherosclerosis</i> , 2014, 233, 608-615.	0.4	47
27	Absence of Acute Inhibitory Effect of Insulin on Chylomicron Production in Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1039-1044.	1.1	42
28	Effects of Bariatric Surgery on Hepatic and Intestinal Lipoprotein Particle Metabolism in Obese, Nondiabetic Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2330-2337.	1.1	41
29	Oral Glucose Mobilizes Triglyceride Stores From the Human Intestine. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 313-337.	2.3	35
30	Enhanced Cellular Uptake of Remnant High-Density Lipoprotein Particles. <i>Circulation Research</i> , 2008, 103, 159-166.	2.0	32
31	Relationship Between Glucose Transport and Metabolism in Isolated Bovine Mammary Epithelial Cells. <i>Journal of Dairy Science</i> , 2005, 88, 2794-2805.	1.4	30
32	Intravenous Glucose Acutely Stimulates Intestinal Lipoprotein Secretion in Healthy Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1457-1463.	1.1	26
33	Glucose and GLP-2 (Glucagon-Like Peptide-2) Mobilize Intestinal Triglyceride by Distinct Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1565-1573.	1.1	26
34	Acute cannabinoid receptor type 1 (CB1R) modulation influences insulin sensitivity by an effect outside the central nervous system in mice. <i>Diabetologia</i> , 2011, 54, 1181-1189.	2.9	25
35	Glucose transporter in bovine mammary epithelial cells is an asymmetric carrier that exhibits cooperativity and <i>trans</i> -stimulation. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C1226-C1234.	2.1	21
36	The effect of high-dose sodium salicylate on chronically elevated plasma nonesterified fatty acid-induced insulin resistance and $\beta$ -cell dysfunction in overweight and obese nondiabetic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1205-E1211.	1.8	20

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37	Emerging Role of Lymphatics in the Regulation of Intestinal Lipid Mobilization. <i>Frontiers in Physiology</i> , 2019, 10, 1604.	1.3	19
38	Polygenic Risk for Hypertriglyceridemia Can Mimic a Major Monogenic Mutation. <i>Annals of Internal Medicine</i> , 2017, 167, 360.	2.0	18
39	Is Insulin Action in the Brain Relevant in Regulating Blood Glucose in Humans?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2525-2531.	1.8	17
40	Of the milk sugars, galactose, but not prebiotic galacto-oligosaccharide, improves insulin sensitivity in male Sprague-Dawley rats. <i>PLoS ONE</i> , 2017, 12, e0172260.	1.1	17
41	Short-term oral $\alpha$ -lipoic acid does not prevent lipid-induced dysregulation of glucose homeostasis in obese and overweight nondiabetic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E736-E741.	1.8	16
42	Role of the Gut in Diabetic Dyslipidemia. <i>Frontiers in Endocrinology</i> , 2020, 11, 116.	1.5	16
43	Supranutritional selenium intake from enriched milk casein impairs hepatic insulin sensitivity via attenuated IRS/PI3K/AKT signaling and decreased PGC-1 $\alpha$ expression in male Sprague-Dawley rats. <i>Journal of Nutritional Biochemistry</i> , 2017, 41, 142-150.	1.9	15
44	Effects of intranasal insulin on endogenous glucose production in insulin-resistant men. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1751-1754.	2.2	15
45	Glycemia and Atherosclerotic Cardiovascular Disease: Exploring the Gap Between Risk Marker and Risk Factor. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 100.	1.1	15
46	Impact of bariatric surgery on apolipoprotein C-III levels and lipoprotein distribution in obese human subjects. <i>Journal of Clinical Lipidology</i> , 2017, 11, 495-506.e3.	0.6	14
47	Multi-organ Coordination of Lipoprotein Secretion by Hormones, Nutrients and Neural Networks. <i>Endocrine Reviews</i> , 2021, 42, 815-838.	8.9	14
48	Evaluation of HP300 soybean protein in starter pigs diets. <i>Asian-Australasian Journal of Animal Sciences</i> , 1998, 11, 201-207.	2.4	14
49	GLP-1 (Glucagon-Like Peptide-1) Is Physiologically Relevant for Chylomicron Secretion Beyond Its Known Pharmacological Role. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1893-1900.	1.1	13
50	Dietary carbohydrates and intestinal lipoprotein production. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2014, 17, 355-359.	1.3	12
51	Effects of Intranasal Insulin on Triglyceride-Rich Lipoprotein Particle Production in Healthy Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1776-1781.	1.1	12
52	Kinetics of glucose transport and sequestration in lactating bovine mammary glands measured in vivo with a paired indicator/nutrient dilution technique. <i>Journal of Applied Physiology</i> , 2005, 99, 799-806.	1.2	11
53	Description of glucose transport in isolated bovine mammary epithelial cells by a three-compartment model. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C792-C797.	2.1	10
54	Effects of bariatric surgery on hepatic and intestinal lipoprotein particle metabolism. <i>Current Opinion in Lipidology</i> , 2016, 27, 14-18.	1.2	10

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55	Glucagon-like peptide-2 mobilizes lipids from the intestine by a systemic nitric oxide-independent mechanism. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2535-2541.	2.2	10
56	Mechanisms of Incretin Effects on Plasma Lipids and Implications for the Cardiovascular System. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2012, 10, 289-294.	0.4	9
57	A low-protein diet combined with low-dose endotoxin leads to changes in glucose homeostasis in weanling rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E466-E473.	1.8	7
58	Control of intestinal lipoprotein secretion by dietary carbohydrates. <i>Current Opinion in Lipidology</i> , 2018, 29, 24-29.	1.2	7
59	Evaluation of the specific effects of intranasal glucagon on glucose production and lipid concentration in healthy men during a pancreatic clamp. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 328-334.	2.2	7
60	Evaluation of the Effect of Enteral Lipid Sensing on Endogenous Glucose Production in Humans. <i>Diabetes</i> , 2015, 64, 2939-2943.	0.3	6
61	Treatment of Severe Hypercholesterolemia in a Woman With Advanced Primary Sclerosing Cholangitis. <i>JAMA Cardiology</i> , 2017, 2, 575.	3.0	4
62	The Roles of Cytoplasmic Lipid Droplets in Modulating Intestinal Uptake of Dietary Fat. <i>Annual Review of Nutrition</i> , 2021, 41, 79-104.	4.3	4
63	Macrophage Jak2 deficiency accelerates atherosclerosis through defects in cholesterol efflux. <i>Communications Biology</i> , 2022, 5, 132.	2.0	4
64	Lymphatics - not just a chylomicron conduit. <i>Current Opinion in Lipidology</i> , 2022, 33, 175-184.	1.2	4
65	Glucagon-like peptide-2 mobilization of intestinal lipid does not require canonical enterocyte chylomicron synthetic machinery. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159194.	1.2	4
66	Recent advances in cytoplasmic lipid droplet metabolism in intestinal enterocyte. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159197.	1.2	4
67	Diabetic Dyslipidaemia. , 2016, , 549-573.		2
68	Diabetic dyslipidaemia. , 2021, , 667-693.		2