Ying Liu

List of Publications by Year in descending order

34 papers	1,936 citations	236925 25 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	3446 citing authors

#	Article	IF	Citations
1	Pancreatic Î² cellâ€“selective zinc transporter 8 insufficiency accelerates diabetes associated with islet amyloidosis. JCI Insight, 2021, 6, .	5.0	12
2	Vascepa protects against high-fat diet-induced glucose intolerance, insulin resistance, and impaired Î²-cell function. IScience, 2021, 24, 102909.	4.1	12
3	Amino acid and lipid metabolism in post-gestational diabetes and progression to type 2 diabetes: A metabolic profiling study. PLoS Medicine, 2020, 17, e1003112.	8.4	63
4	Cardioprotective GLP-1 metabolite prevents ischemic cardiac injury by inhibiting mitochondrial trifunctional protein-Î±. Journal of Clinical Investigation, 2020, 130, 1392-1404.	8.2	37
5	3â€carboxyâ€4â€methylâ€5â€propylâ€2â€furanpropanoic acid (CMPF) prevents high fat dietâ€induced insulin resistance via maintenance of hepatic lipid homeostasis. Diabetes, Obesity and Metabolism, 2019, 21, 61-72.	4.4	13
6	An adiponectin-S1P axis protects against lipid induced insulin resistance and cardiomyocyte cell death via reduction of oxidative stress. Nutrition and Metabolism, 2019, 16, 14.	3.0	18
7	Examining the Potential of Developing and Implementing Use of Adiponectin-Targeted Therapeutics for Metabolic and Cardiovascular Diseases. Frontiers in Endocrinology, 2019, 10, 842.	3.5	48
8	The discovery of novel predictive biomarkers and early-stage pathophysiology for the transition from gestational diabetes to type 2 diabetes. Diabetologia, 2019, 62, 687-703.	6.3	48
9	GABA promotes Î²â€cell proliferation, but does not overcome impaired glucose homeostasis associated with dietâ€induced obesity. FASEB Journal, 2019, 33, 3968-3984.	0.5	40
10	Holo-lipocalin-2â€“derived siderophores increase mitochondrial ROS and impair oxidative phosphorylation in rat cardiomyocytes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1576-1581.	7.1	35
11	Elevated Medium-Chain Acylcarnitines Are Associated With Gestational Diabetes Mellitus and Early Progression to Type 2 Diabetes and Induce Pancreatic Î²-Cell Dysfunction. Diabetes, 2018, 67, 885-897.	0.6	85
12	CMPF, a Metabolite Formed Upon Prescription Omega-3-Acid Ethyl Ester Supplementation, Prevents and Reverses Steatosis. EBioMedicine, 2018, 27, 200-213.	6.1	35
13	Glucolipotoxic conditions induce Î²-cell iron import, cytosolic ROS formation and apoptosis. Journal of Molecular Endocrinology, 2018, 61, 69-77.	2.5	44
14	Synthesis and Characterization of Urofuranoic Acids: In Vivo Metabolism of 2-(2-Carboxyethyl)-4-methyl-5-propylfuran-3-carboxylic Acid (CMPF) and Effects on in Vitro Insulin Secretion. Journal of Medicinal Chemistry, 2017, 60, 1860-1875.	6.4	19
15	A Predictive Metabolic Signature for the Transition From Gestational Diabetes Mellitus to Type 2 Diabetes. Diabetes, 2016, 65, 2529-2539.	0.6	113
16	Rapid Elevation in CMPF May Act As a Tipping Point in Diabetes Development. Cell Reports, 2016, 14, 2889-2900.	6.4	44
17	Metabolomic profiling in liver of adiponectin-knockout mice uncovers lysophospholipid metabolism as an important target of adiponectin action. Biochemical Journal, 2015, 469, 71-82.	3.7	20
18	Characterization of Zinc Influx Transporters (ZIPs) in Pancreatic Î² Cells. Journal of Biological Chemistry, 2015, 290, 18757-18769.	3.4	58

#	Article	IF	Citations
19	A Novel GLP1 Receptor Interacting Protein ATP6ap2 Regulates Insulin Secretion in Pancreatic Beta Cells. Journal of Biological Chemistry, 2015, 290, 25045-25061.	3.4	25
20	Adiponectin Stimulates Autophagy and Reduces Oxidative Stress to Enhance Insulin Sensitivity During High-Fat Diet Feeding in Mice. Diabetes, 2015, 64, 36-48.	0.6	180
21	Zip4 Mediated Zinc Influx Stimulates Insulin Secretion in Pancreatic Beta Cells. PLoS ONE, 2015, 10, e0119136.	2.5	29
22	Progesterone Receptor Membrane Component 1 Is a Functional Part of the Glucagon-like Peptide-1 (GLP-1) Receptor Complex in Pancreatic Î² Cells. Molecular and Cellular Proteomics, 2014, 13, 3049-3062.	3.8	48
23	Skeletal muscle glucose metabolism and inflammation in the development of the metabolic syndrome. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 299-305.	5.7	38
24	Adiponectin action in skeletal muscle. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 33-41.	4.7	83
25	The Furan Fatty Acid Metabolite CMPF Is Elevated in Diabetes and Induces Î² Cell Dysfunction. Cell Metabolism, 2014, 19, 653-666.	16.2	142
26	Delivery of adiponectin gene to skeletal muscle using ultrasound targeted microbubbles improves insulin sensitivity and whole body glucose homeostasis. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E168-E175.	3.5	20
27	Adiponectin Corrects High-Fat Dietâ€“Induced Disturbances in Muscle Metabolomic Profile and Whole-Body Glucose Homeostasis. Diabetes, 2013, 62, 743-752.	0.6	79
28	Adiponectin Action: A Combination of Endocrine and Autocrine/Paracrine Effects. Frontiers in Endocrinology, 2011, 2, 62.	3.5	65
29	Functional significance of skeletal muscle adiponectin production, changes in animal models of obesity and diabetes, and regulation by rosiglitazone treatment. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E657-E664.	3.5	77
30	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
31	Adiponectin is expressed by skeletal muscle fibers and influences muscle phenotype and function. American Journal of Physiology - Cell Physiology, 2008, 295, C203-C212.	4.6	143
32	Total and High Molecular Weight But Not Trimeric or Hexameric Forms of Adiponectin Correlate with Markers of the Metabolic Syndrome and Liver Injury in Thai Subjects. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4313-4318.	3.6	77
33	Globular and full-length forms of adiponectin mediate specific changes in glucose and fatty acid uptake and metabolism in cardiomyocytes. Cardiovascular Research, 2007, 75, 148-157.	3.8	94
34	Regulation of SOCS-3 expression by leptin and its co-localization with insulin receptor in rat skeletal muscle cells. Molecular and Cellular Endocrinology, 2007, 267, 38-45.	3.2	18