Xiaorong Fu

List of Publications by Year
in descending order

14	1,561	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	2932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elevated TCA cycle function in the pathology of diet-induced hepatic insulin resistance and fatty liver. Journal of Lipid Research, 2012, 53, 1080-1092.	4.2	320
2	Acetyl CoA Carboxylase Inhibition Reduces Hepatic Steatosis but Elevates Plasma Triglycerides in Mice and Humans: A Bedside to Bench Investigation. Cell Metabolism, 2017, 26, 394-406.e6.	16.2	265
3	Hepatic Mitochondrial Pyruvate Carrier 1 Is Required for Efficient Regulation of Gluconeogenesis and Whole-Body Glucose Homeostasis. Cell Metabolism, 2015, 22, 669-681.	16.2	193
4	FGF19, FGF21, and an FGFR1/Î²-Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. Cell Metabolism, 2017, 26, 709-718.e3.	16.2	184
5	Loss of Mitochondrial Pyruvate Carrier 2 in the Liver Leads to Defects in Gluconeogenesis and Compensation via Pyruvate-Alanine Cycling. Cell Metabolism, 2015, 22, 682-694.	16.2	179
6	Impaired ketogenesis and increased acetyl-CoA oxidation promote hyperglycemia in human fatty liver. JCI Insight, 2019, 4, .	5.0	110
7	Mitochondrial Pyruvate Carrier 2 Hypomorphism in Mice Leads to Defects in Glucose-Stimulated Insulin Secretion. Cell Reports, 2014, 7, 2042-2053.	6.4	94
8	Progressive adaptation of hepatic ketogenesis in mice fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1226-E1235.	3.5	65
9	Hepatic deletion of Mboat7 (LPIAT1) causes activation of SREBP-1c and fatty liver. Journal of Lipid Research, 2021, 62, 100031.	4.2	39
10	Hepatic mTORC1 Opposes Impaired Insulin Action to Control Mitochondrial Metabolism in Obesity. Cell Reports, 2016, 16, 508-519.	6.4	34
11	Aerobic capacity and hepatic mitochondrial lipid oxidation alters susceptibility for chronic high-fat diet-induced hepatic steatosis. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E749-E760.	3.5	26
12	Simultaneous tracers and a unified model of positional and mass isotopomers for quantification of metabolic flux in liver. Metabolic Engineering, 2020, 59, 1-14.	7.0	24
13	Measurement of lipogenic flux by deuterium resolved mass spectrometry. Nature Communications, 2021, 12, 3756.	12.8	18
14	In Vivo Estimation of Ketogenesis Using Metabolic Flux Analysisâ€"Technical Aspects and Model Interpretation. Metabolites, 2021, 11, 279.	2.9	10