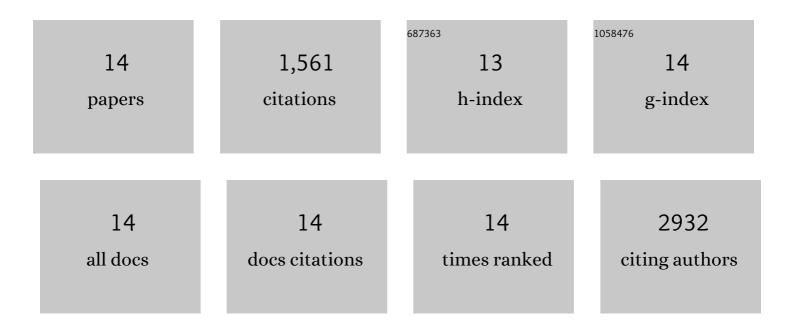
Xiaorong Fu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1457523/publications.pdf Version: 2024-02-01



#	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/β-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 Analysis—Technical Aspects and Model Interpretation. Metabolites, 2021, 11, 279.	2.9	10