

Xiaorong Fu

List of Publications by Year in descending order

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14
papers

1,561
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2932
citing authors

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