

Lei Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6509294/publications.pdf>

Version: 2024-02-01

34
papers

4,839
citations

172457

29
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

8986
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment of the exocytosis protein STX4 in skeletal muscle remediates peripheral insulin resistance and alters mitochondrial dynamics via Drp1. <i>Nature Communications</i> , 2022, 13, 424.	12.8	10
2	Inhibition of ATP-citrate lyase improves NASH, liver fibrosis, and dyslipidemia. <i>Cell Metabolism</i> , 2022, 34, 919-936.e8.	16.2	55
3	R-2-hydroxyglutarate attenuates aerobic glycolysis in leukemia by targeting the FTO/m6A/PFKP/LDHB axis. <i>Molecular Cell</i> , 2021, 81, 922-939.e9.	9.7	157
4	Energy metabolism in brown adipose tissue. <i>FEBS Journal</i> , 2021, 288, 3647-3662.	4.7	35
5	Metabolic convergence on lipogenesis in RAS, BCR-ABL, and MYC-driven lymphoid malignancies. <i>Cancer & Metabolism</i> , 2021, 9, 31.	5.0	1
6	Mitochondrial division inhibitor (mdivi-1) decreases oxidative metabolism in cancer. <i>British Journal of Cancer</i> , 2020, 122, 1288-1297.	6.4	51
7	Chronic cold exposure enhances glucose oxidation in brown adipose tissue. <i>EMBO Reports</i> , 2020, 21, e50085.	4.5	33
8	Dysregulated Mitochondrial Dynamics and Metabolism in Obesity, Diabetes, and Cancer. <i>Frontiers in Endocrinology</i> , 2019, 10, 570.	3.5	113
9	Functional Assessment of Lipoyltransferase-1 Deficiency in Cells, Mice, and Humans. <i>Cell Reports</i> , 2019, 27, 1376-1386.e6.	6.4	55
10	Low- and high-thermogenic brown adipocyte subpopulations coexist in murine adipose tissue. <i>Journal of Clinical Investigation</i> , 2019, 130, 247-257.	8.2	134
11	Peroxisome Proliferator-Activated Receptor α and Its Role in Adipocyte Homeostasis and Thiazolidinedione-Mediated Insulin Sensitization. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	33
12	RIPK1-mediated induction of mitophagy compromises the viability of extracellular-matrix-detached cells. <i>Nature Cell Biology</i> , 2018, 20, 272-284.	10.3	75
13	Arginine starvation kills tumor cells through aspartate exhaustion and mitochondrial dysfunction. <i>Communications Biology</i> , 2018, 1, 178.	4.4	101
14	CARM1 suppresses de novo serine synthesis by promoting PKM2 activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 15290-15303.	3.4	19
15	Reversible De-differentiation of Mature White Adipocytes into Preadipocyte-like Precursors during Lactation. <i>Cell Metabolism</i> , 2018, 28, 282-288.e3.	16.2	116
16	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. <i>Cell Metabolism</i> , 2017, 26, 509-522.e6.	16.2	185
17	Control of intestinal stem cell function and proliferation by mitochondrial pyruvate metabolism. <i>Nature Cell Biology</i> , 2017, 19, 1027-1036.	10.3	238
18	Quantitative metabolic flux analysis reveals an unconventional pathway of fatty acid synthesis in cancer cells deficient for the mitochondrial citrate transport protein. <i>Metabolic Engineering</i> , 2017, 43, 198-207.	7.0	80

#	ARTICLE	IF	CITATIONS
19	Reductive carboxylation supports redox homeostasis during anchorage-independent growth. <i>Nature</i> , 2016, 532, 255-258.	27.8	472
20	Metabolic Heterogeneity in Human Lung Tumors. <i>Cell</i> , 2016, 164, 681-694.	28.9	830
21	Metabolic plasticity maintains proliferation in pyruvate dehydrogenase deficient cells. <i>Cancer & Metabolism</i> , 2015, 3, 7.	5.0	56
22	The cancer cell "energy grid": TGF- β 1 signaling coordinates metabolism for migration. <i>Molecular and Cellular Oncology</i> , 2015, 2, e981994.	0.7	17
23	6-Phosphogluconate dehydrogenase links oxidative PPP, lipogenesis and tumour growth by inhibiting LKB1 "AMPK signalling. <i>Nature Cell Biology</i> , 2015, 17, 1484-1496.	10.3	224
24	Distinct regulatory mechanisms governing embryonic versus adult adipocyte maturation. <i>Nature Cell Biology</i> , 2015, 17, 1099-1111.	10.3	111
25	A Role for the Mitochondrial Pyruvate Carrier as a Repressor of the Warburg Effect and Colon Cancer Cell Growth. <i>Molecular Cell</i> , 2014, 56, 400-413.	9.7	294
26	Glutamine Oxidation Maintains the TCA Cycle and Cell Survival during Impaired Mitochondrial Pyruvate Transport. <i>Molecular Cell</i> , 2014, 56, 414-424.	9.7	504
27	Analysis of Hypoxia-Induced Metabolic Reprogramming. <i>Methods in Enzymology</i> , 2014, 542, 425-455.	1.0	72
28	Lysine Acetylation Activates 6-Phosphogluconate Dehydrogenase to Promote Tumor Growth. <i>Molecular Cell</i> , 2014, 55, 552-565.	9.7	107
29	Oxidation of Alpha-Ketoglutarate Is Required for Reductive Carboxylation in Cancer Cells with Mitochondrial Defects. <i>Cell Reports</i> , 2014, 7, 1679-1690.	6.4	281
30	When more is less. <i>Nature</i> , 2012, 489, 511-512.	27.8	25
31	Deficiency in hepatic ATP-citrate lyase affects VLDL-triglyceride mobilization and liver fatty acid composition in mice. <i>Journal of Lipid Research</i> , 2010, 51, 2516-2526.	4.2	53
32	Abrogation of hepatic ATP-citrate lyase protects against fatty liver and ameliorates hyperglycemia in leptin receptor-deficient mice. <i>Hepatology</i> , 2009, 49, 1166-1175.	7.3	172
33	Leptin Contributes to the Adaptive Responses of Mice to High-Fat Diet Intake through Suppressing the Lipogenic Pathway. <i>PLoS ONE</i> , 2009, 4, e6884.	2.5	74
34	Tyrosine-dependent and -independent actions of leptin receptor in control of energy balance and glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18619-18624.	7.1	55