

Aaron M Hosios

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11303018/publications.pdf>

Version: 2024-02-01

22
papers

3,440
citations

567281

15
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

6896
citing authors

#	ARTICLE	IF	CITATIONS
1	Supporting Aspartate Biosynthesis Is an Essential Function of Respiration in Proliferating Cells. <i>Cell</i> , 2015, 162, 552-563.	28.9	878
2	Amino Acids Rather than Glucose Account for the Majority of Cell Mass in Proliferating Mammalian Cells. <i>Developmental Cell</i> , 2016, 36, 540-549.	7.0	479
3	Tissue of origin dictates branched-chain amino acid metabolism in mutant <i>Kras</i> -driven cancers. <i>Science</i> , 2016, 353, 1161-1165.	12.6	447
4	PKM2 Isoform-Specific Deletion Reveals a Differential Requirement for Pyruvate Kinase in Tumor Cells. <i>Cell</i> , 2013, 155, 397-409.	28.9	429
5	Environment Dictates Dependence on Mitochondrial Complex I for NAD ⁺ and Aspartate Production and Determines Cancer Cell Sensitivity to Metformin. <i>Cell Metabolism</i> , 2016, 24, 716-727.	16.2	269
6	Aspartate is an endogenous metabolic limitation for tumour growth. <i>Nature Cell Biology</i> , 2018, 20, 782-788.	10.3	240
7	Pyruvate Kinase Isoform Expression Alters Nucleotide Synthesis to Impact Cell Proliferation. <i>Molecular Cell</i> , 2015, 57, 95-107.	9.7	209
8	Pyrimidine homeostasis is accomplished by directed overflow metabolism. <i>Nature</i> , 2013, 500, 237-241.	27.8	102
9	The redox requirements of proliferating mammalian cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 7490-7498.	3.4	100
10	Lack of Evidence for PKM2 Protein Kinase Activity. <i>Molecular Cell</i> , 2015, 59, 850-857.	9.7	85
11	Reactive metabolite production is a targetable liability of glycolytic metabolism in lung cancer. <i>Nature Communications</i> , 2019, 10, 5604.	12.8	45
12	Acetate metabolism in cancer cells. <i>Cancer & Metabolism</i> , 2014, 2, 27.	5.0	31
13	Cancer cells depend on environmental lipids for proliferation when electron acceptors are limited. <i>Nature Metabolism</i> , 2022, 4, 711-723.	11.9	29
14	Cancer Signaling Drives Cancer Metabolism: AKT and the Warburg Effect. <i>Cancer Research</i> , 2021, 81, 4896-4898.	0.9	27
15	Biophysical changes reduce energetic demand in growth factor-deprived lymphocytes. <i>Journal of Cell Biology</i> , 2016, 212, 439-447.	5.2	21
16	Cancer-associated mutations in human pyruvate kinase M2 impair enzyme activity. <i>FEBS Letters</i> , 2020, 594, 646-664.	2.8	15
17	Lack of evidence for substrate channeling or flux between wildtype and mutant isocitrate dehydrogenase to produce the oncometabolite 2-hydroxyglutarate. <i>Journal of Biological Chemistry</i> , 2018, 293, 20051-20061.	3.4	11
18	Preparation of Lipid-Stripped Serum for the Study of Lipid Metabolism in Cell Culture. <i>Bio-protocol</i> , 2018, 8, e2876.	0.4	10

#	ARTICLE	IF	CITATIONS
19	Endothelial Cells Get β -oxidized In to Support Lymphangiogenesis. <i>Developmental Cell</i> , 2017, 40, 118-119.	7.0	4
20	Differential Substrate Use in EGF- and Oncogenic KRAS-stimulated Human Mammary Epithelial Cells. <i>FEBS Journal</i> , 2021, 288, 5629-5649.	4.7	4
21	The non-essential TSC complex component TBC1D7 restricts tissue mTORC1 signaling and brain and neuron growth. <i>Cell Reports</i> , 2022, 39, 110824.	6.4	3
22	Biophysical changes reduce energetic demand in growth factor-deprived lymphocytes. <i>Journal of Experimental Medicine</i> , 2016, 213, 2133-2143.	8.5	0