Lydia W S Finley

List of Publications by Year
in descending order

35 papers	6,221 citations	201674 27 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	10700 citing authors

#	Article	IF	Citations
1	Intracellular Î±-ketoglutarate maintains the pluripotency of embryonic stem cells. Nature, 2015, 518, 413-416.	27.8	772
2	SIRT3 Opposes Reprogramming of Cancer Cell Metabolism through HIF1Î± Destabilization. Cancer Cell, 2011, 19, 416-428.	16.8	690
3	Sirtuin regulation of mitochondria: energy production, apoptosis, and signaling. Trends in Biochemical Sciences, 2010, 35, 669-675.	7.5	549
4	SIRT4 Has Tumor-Suppressive Activity and Regulates the Cellular Metabolic Response to DNA Damage by Inhibiting Mitochondrial Glutamine Metabolism. Cancer Cell, 2013, 23, 450-463.	16.8	389
5	Hypoxia Induces Production of L-2-Hydroxyglutarate. Cell Metabolism, 2015, 22, 304-311.	16.2	374
6	Serine Catabolism Regulates Mitochondrial Redox Control during Hypoxia. Cancer Discovery, 2014, 4, 1406-1417.	9.4	342
7	Short-Term Calorie Restriction Enhances Skeletal Muscle Stem Cell Function. Cell Stem Cell, 2012, 10, 515-519.	11.1	336
8	Succinate Dehydrogenase Is a Direct Target of Sirtuin 3 Deacetylase Activity. PLoS ONE, 2011, 6, e23295.	2.5	310
9	Adrenergic nerves activate an angio-metabolic switch in prostate cancer. Science, 2017, 358, 321-326.	12.6	304
10	Metabolic signatures of cancer cells and stem cells. Nature Metabolism, 2019, 1, 177-188.	11.9	215
11	Î±-Ketoglutarate links p53 to cell fate during tumour suppression. Nature, 2019, 573, 595-599.	27.8	187
12	The coordination of nuclear and mitochondrial communication during aging and calorie restriction. Ageing Research Reviews, 2009, 8, 173-188.	10.9	181
13	Acetylation-Dependent Regulation of Skp2 Function. Cell, 2012, 150, 179-193.	28.9	180
14	SIRT3 Is a Mitochondrial Tumor Suppressor: A Scientific Tale That Connects Aberrant Cellular ROS, the Warburg Effect, and Carcinogenesis. Cancer Research, 2012, 72, 2468-2472.	0.9	166
15	Metabolic regulation of chromatin modifications and gene expression. Journal of Cell Biology, 2018, 217, 2247-2259.	5.2	163
16	Isoform Switching as a Mechanism of Acquired Resistance to Mutant Isocitrate Dehydrogenase Inhibition. Cancer Discovery, 2018, 8, 1540-1547.	9.4	138
17	SIRT4 Represses Peroxisome Proliferator-Activated Receptor Î± Activity To Suppress Hepatic Fat Oxidation. Molecular and Cellular Biology, 2013, 33, 4552-4561.	2.3	132
18	Metabolic regulation by SIRT3: implications for tumorigenesis. Trends in Molecular Medicine, 2012, 18, 516-523.	6.7	108

#	Article	IF	Citations
19	A non-canonical tricarboxylic acid cycle underlies cellular identity. Nature, 2022, 603, 477-481.	27.8	108
20	Lipid Deprivation Induces a Stable, Naive-to-Primed Intermediate State of Pluripotency in Human PSCs. Cell Stem Cell, 2019, 25, 120-136.e10.	11.1	98
21	Skeletal muscle transcriptional coactivator PGC-1Î± mediates mitochondrial, but not metabolic, changes during calorie restriction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2931-2936.	7.1	94
22	Extracellular serine controls epidermal stem cell fate and tumour initiation. Nature Cell Biology, 2020, 22, 779-790.	10.3	83
23	Metabolic Coordination of Cell Fate by Î±-Ketoglutarate-Dependent Dioxygenases. Trends in Cell Biology, 2021, 31, 24-36.	7.9	63
24	Pluripotency transcription factors and Tet1/2 maintain Brd4-independent stem cell identity. Nature Cell Biology, 2018, 20, 565-574.	10.3	49
25	Glutamine independence is a selectable feature of pluripotent stem cells. Nature Metabolism, 2019, 1, 676-687.	11.9	46
26	SnapShot: Cancer Metabolism Pathways. Cell Metabolism, 2013, 17, 466-466.e2.	16.2	43
27	Repurposing an adenine riboswitch into a fluorogenic imaging and sensing tag. Nature Chemical Biology, 2022, 18, 180-190.	8.0	41
28	SnapShot: Cancer metabolism. Molecular Cell, 2021, 81, 3878-3878.e1.	9.7	17
29	Metabolic signal curbs cancer-cell migration. Nature, 2019, 571, 39-40.	27.8	16
30	Leucine retention in lysosomes is regulated by starvation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
31	Metabolic decisions in development and diseaseâ€"a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 55-73.	3.8	6
32	Leveraging insights into cancer metabolismâ€"a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 5-13.	3.8	3
33	Metabolic diversity drives cancer cell invasion. Nature, 2022, 605, 627-628.	27.8	2
34	Short-circuiting respiration. Science, 2021, 374, 1196-1197.	12.6	1
35	Career pathways, part 1. Nature Metabolism, 2020, 2, 481-482.	11.9	0