

# Lydia W S Finley

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Leucine retention in lysosomes is regulated by starvation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
2	Repurposing an adenine riboswitch into a fluorogenic imaging and sensing tag. <i>Nature Chemical Biology</i> , 2022, 18, 180-190.	8.0	41
3	A non-canonical tricarboxylic acid cycle underlies cellular identity. <i>Nature</i> , 2022, 603, 477-481.	27.8	108
4	Metabolic diversity drives cancer cell invasion. <i>Nature</i> , 2022, 605, 627-628.	27.8	2
5	Metabolic Coordination of Cell Fate by $\alpha$ -Ketoglutarate-Dependent Dioxygenases. <i>Trends in Cell Biology</i> , 2021, 31, 24-36.	7.9	63
6	Metabolic decisions in development and disease—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 55-73.	3.8	6
7	SnapShot: Cancer metabolism. <i>Molecular Cell</i> , 2021, 81, 3878-3878.e1.	9.7	17
8	Short-circuiting respiration. <i>Science</i> , 2021, 374, 1196-1197.	12.6	1
9	Leveraging insights into cancer metabolism—a symposium report. <i>Annals of the New York Academy of Sciences</i> , 2020, 1462, 5-13.	3.8	3
10	Career pathways, part 1. <i>Nature Metabolism</i> , 2020, 2, 481-482.	11.9	0
11	Extracellular serine controls epidermal stem cell fate and tumour initiation. <i>Nature Cell Biology</i> , 2020, 22, 779-790.	10.3	83
12	Glutamine independence is a selectable feature of pluripotent stem cells. <i>Nature Metabolism</i> , 2019, 1, 676-687.	11.9	46
13	Metabolic signal curbs cancer-cell migration. <i>Nature</i> , 2019, 571, 39-40.	27.8	16
14	$\alpha$ -Ketoglutarate links p53 to cell fate during tumour suppression. <i>Nature</i> , 2019, 573, 595-599.	27.8	187
15	Lipid Deprivation Induces a Stable, Naive-to-Primed Intermediate State of Pluripotency in Human PSCs. <i>Cell Stem Cell</i> , 2019, 25, 120-136.e10.	11.1	98
16	Metabolic signatures of cancer cells and stem cells. <i>Nature Metabolism</i> , 2019, 1, 177-188.	11.9	215
17	Pluripotency transcription factors and Tet1/2 maintain Brd4-independent stem cell identity. <i>Nature Cell Biology</i> , 2018, 20, 565-574.	10.3	49
18	Isoform Switching as a Mechanism of Acquired Resistance to Mutant Isocitrate Dehydrogenase Inhibition. <i>Cancer Discovery</i> , 2018, 8, 1540-1547.	9.4	138

#	ARTICLE	IF	CITATIONS
19	Metabolic regulation of chromatin modifications and gene expression. <i>Journal of Cell Biology</i> , 2018, 217, 2247-2259.	5.2	163
20	Adrenergic nerves activate an angio-metabolic switch in prostate cancer. <i>Science</i> , 2017, 358, 321-326.	12.6	304
21	Hypoxia Induces Production of L-2-Hydroxyglutarate. <i>Cell Metabolism</i> , 2015, 22, 304-311.	16.2	374
22	Intracellular $\alpha$ -ketoglutarate maintains the pluripotency of embryonic stem cells. <i>Nature</i> , 2015, 518, 413-416.	27.8	772
23	Serine Catabolism Regulates Mitochondrial Redox Control during Hypoxia. <i>Cancer Discovery</i> , 2014, 4, 1406-1417.	9.4	342
24	SIRT4 Represses Peroxisome Proliferator-Activated Receptor $\alpha$ Activity To Suppress Hepatic Fat Oxidation. <i>Molecular and Cellular Biology</i> , 2013, 33, 4552-4561.	2.3	132
25	SnapShot: Cancer Metabolism Pathways. <i>Cell Metabolism</i> , 2013, 17, 466-466.e2.	16.2	43
26	SIRT4 Has Tumor-Suppressive Activity and Regulates the Cellular Metabolic Response to DNA Damage by Inhibiting Mitochondrial Glutamine Metabolism. <i>Cancer Cell</i> , 2013, 23, 450-463.	16.8	389
27	Skeletal muscle transcriptional coactivator PGC-1 $\alpha$ mediates mitochondrial, but not metabolic, changes during calorie restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2931-2936.	7.1	94
28	Short-Term Calorie Restriction Enhances Skeletal Muscle Stem Cell Function. <i>Cell Stem Cell</i> , 2012, 10, 515-519.	11.1	336
29	Acetylation-Dependent Regulation of Skp2 Function. <i>Cell</i> , 2012, 150, 179-193.	28.9	180
30	Metabolic regulation by SIRT3: implications for tumorigenesis. <i>Trends in Molecular Medicine</i> , 2012, 18, 516-523.	6.7	108
31	SIRT3 Is a Mitochondrial Tumor Suppressor: A Scientific Tale That Connects Aberrant Cellular ROS, the Warburg Effect, and Carcinogenesis. <i>Cancer Research</i> , 2012, 72, 2468-2472.	0.9	166
32	SIRT3 Opposes Reprogramming of Cancer Cell Metabolism through HIF1 $\alpha$ Destabilization. <i>Cancer Cell</i> , 2011, 19, 416-428.	16.8	690
33	Succinate Dehydrogenase Is a Direct Target of Sirtuin 3 Deacetylase Activity. <i>PLoS ONE</i> , 2011, 6, e23295.	2.5	310
34	Sirtuin regulation of mitochondria: energy production, apoptosis, and signaling. <i>Trends in Biochemical Sciences</i> , 2010, 35, 669-675.	7.5	549
35	The coordination of nuclear and mitochondrial communication during aging and calorie restriction. <i>Ageing Research Reviews</i> , 2009, 8, 173-188.	10.9	181