Ling Cai

List of Publications by Year
in descending order

29 papers	3,376 citations	430874 18 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	6088 citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate Metabolism in Human Lung Tumors. Cell, 2017, 171, 358-371.e9.	28.9	899
2	Acetyl-CoA Induces Cell Growth and Proliferation by Promoting the Acetylation of Histones at Growth Genes. Molecular Cell, 2011, 42, 426-437.	9.7	583
3	Acetate Dependence of Tumors. Cell, 2014, 159, 1591-1602.	28.9	524
4	CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. Nature, 2017, 546, 168-172.	27.8	222
5	Inosine Monophosphate Dehydrogenase Dependence in a Subset of Small Cell Lung Cancers. Cell Metabolism, 2018, 28, 369-382.e5.	16.2	136
6	Metabolic Diversity in Human Non-Small Cell Lung Cancer Cells. Molecular Cell, 2019, 76, 838-851.e5.	9.7	119
7	Driving the Cell Cycle Through Metabolism. Annual Review of Cell and Developmental Biology, 2012, 28, 59-87.	9.4	117
8	ACSS2 promotes systemic fat storage and utilization through selective regulation of genes involved in lipid metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9499-E9506.	7.1	93
9	Computational Staining of Pathology Images to Study the Tumor Microenvironment in Lung Cancer. Cancer Research, 2020, 80, 2056-2066.	0.9	88
10	The hexosamine biosynthesis pathway is a targetable liability in KRAS/LKB1 mutant lung cancer. Nature Metabolism, 2020, 2, 1401-1412.	11.9	82
11	LCE: an open web portal to explore gene expression and clinical associations in lung cancer. Oncogene, 2019, 38, 2551-2564.	5.9	78
12	Comprehensive analysis of lung cancer pathology images to discover tumor shape and boundary features that predict survival outcome. Scientific Reports, 2018, 8, 10393.	3.3	77
13	High-temporal-resolution view of transcription and chromatin states across distinct metabolic states in budding yeast. Nature Structural and Molecular Biology, 2014, 21, 854-863.	8.2	70
14	Compartmentalized metabolism supports midgestation mammalian development. Nature, 2022, 604, 349-353.	27.8	47
15	Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer. Communications Biology, 2021, 4, 314.	4.4	44
16	Integration of Multiple Nutrient Cues and Regulation of Lifespan by Ribosomal Transcription Factor Ifh1. Cell Reports, 2013, 4, 1063-1071.	6.4	36
17	Guanosine triphosphate links MYC-dependent metabolic and ribosome programs in small-cell lung cancer. Journal of Clinical Investigation, 2021, 131, .	8.2	33
18	Dysfunctional adaptive immune response in adolescents and young adults with suicide behavior. Psychoneuroendocrinology, 2020, 111, 104487.	2.7	26

#	ARTICLE	IF	CITATIONS
19	Does Tumor FDG-PET Avidity Represent Enhanced Glycolytic Metabolism in Non-Small Cell Lung Cancer?. Annals of Thoracic Surgery, 2020, 109, 1019-1025.	1.3	21
20	Dietary control of chromatin. Current Opinion in Cell Biology, 2015, 34, 69-74.	5.4	17
21	Genomic regression analysis of coordinated expression. Nature Communications, 2017, 8, 2187.	12.8	17
22	A pathogenic UFSP2 variant in an autosomal recessive form of pediatric neurodevelopmental anomalies and epilepsy. Genetics in Medicine, 2021, 23, 900-908.	2.4	14
23	Systematic Analysis of Gene Expression in Lung Adenocarcinoma and Squamous Cell Carcinoma with a Case Study of FAM83A and FAM83B. Cancers, 2019, 11, 886.	3.7	13
24	A two-stage approach of gene network analysis for high-dimensional heterogeneous data. Biostatistics, 2018, 19, 216-232.	1.5	6
25	Assessing consistency across functional screening datasets in cancer cells. Bioinformatics, 2021, 37, 4540-4547.	4.1	4
26	Molecular differences across invasive lung adenocarcinoma morphological subgroups. Translational Lung Cancer Research, 2020, 9, 1029-1040.	2.8	3
27	Integrative Analysis of Gene Networks and Their Application to Lung Adenocarcinoma Studies. Cancer Informatics, 2017, 16, 117693511769077.	1.9	1
28	Lung Cancer Computational Biology and Resources. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a038273.	6.2	1
29	Metabolic signals that drive cell growth and proliferation. FASEB Journal, 2012, 26, 92.3.	0.5	0