Ling Cai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6507377/publications.pdf

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29	3,376	430874	477307
papers	citations	18 h-index	29 g-index

34	34	34	6088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lung Cancer Computational Biology and Resources. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a038273.	6.2	1
2	Compartmentalized metabolism supports midgestation mammalian development. Nature, 2022, 604, 349-353.	27.8	47
3	Guanosine triphosphate links MYC-dependent metabolic and ribosome programs in small-cell lung cancer. Journal of Clinical Investigation, 2021, 131, .	8.2	33
4	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
5	Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer. Communications Biology, 2021, 4, 314.	4.4	44
6	Assessing consistency across functional screening datasets in cancer cells. Bioinformatics, 2021, 37, 4540-4547.	4.1	4
7	Dysfunctional adaptive immune response in adolescents and young adults with suicide behavior. Psychoneuroendocrinology, 2020, 111, 104487.	2.7	26
8	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
9	The hexosamine biosynthesis pathway is a targetable liability in KRAS/LKB1 mutant lung cancer. Nature Metabolism, 2020, 2, 1401-1412.	11.9	82
10	Molecular differences across invasive lung adenocarcinoma morphological subgroups. Translational Lung Cancer Research, 2020, 9, 1029-1040.	2.8	3
11	Computational Staining of Pathology Images to Study the Tumor Microenvironment in Lung Cancer. Cancer Research, 2020, 80, 2056-2066.	0.9	88
12	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
13	Metabolic Diversity in Human Non-Small Cell Lung Cancer Cells. Molecular Cell, 2019, 76, 838-851.e5.	9.7	119
14	LCE: an open web portal to explore gene expression and clinical associations in lung cancer. Oncogene, 2019, 38, 2551-2564.	5.9	78
15	A two-stage approach of gene network analysis for high-dimensional heterogeneous data. Biostatistics, 2018, 19, 216-232.	1.5	6
16	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
17	Inosine Monophosphate Dehydrogenase Dependence in a Subset of Small Cell Lung Cancers. Cell Metabolism, 2018, 28, 369-382.e5.	16.2	136
18	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

#	Article	IF	Citations
19	CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. Nature, 2017, 546, 168-172.	27.8	222
20	Lactate Metabolism in Human Lung Tumors. Cell, 2017, 171, 358-371.e9.	28.9	899
21	Genomic regression analysis of coordinated expression. Nature Communications, 2017, 8, 2187.	12.8	17
22	Integrative Analysis of Gene Networks and Their Application to Lung Adenocarcinoma Studies. Cancer Informatics, 2017, 16, 117693511769077.	1.9	1
23	Dietary control of chromatin. Current Opinion in Cell Biology, 2015, 34, 69-74.	5.4	17
24	Acetate Dependence of Tumors. Cell, 2014, 159, 1591-1602.	28.9	524
25	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
26	Integration of Multiple Nutrient Cues and Regulation of Lifespan by Ribosomal Transcription Factor Ifh1. Cell Reports, 2013, 4, 1063-1071.	6.4	36
27	Driving the Cell Cycle Through Metabolism. Annual Review of Cell and Developmental Biology, 2012, 28, 59-87.	9.4	117
28	Metabolic signals that drive cell growth and proliferation. FASEB Journal, 2012, 26, 92.3.	0.5	0
29	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