

# Lin Tan

## List of Publications by Year in descending order

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36  
papers

2,241  
citations

430874

18  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4103  
citing authors

#	ARTICLE	IF	CITATIONS
1	ElemCor: accurate data analysis and enrichment calculation for high-resolution LC-MS stable isotope labeling experiments. BMC Bioinformatics, 2019, 20, 89.	2.6	402
2	CD38-Mediated Immunosuppression as a Mechanism of Tumor Cell Escape from PD-1/PD-L1 Blockade. Cancer Discovery, 2018, 8, 1156-1175.	9.4	323
3	KAT2A coupled with the $\hat{\pm}$ -KGDH complex acts as a histone H3 succinyltransferase. Nature, 2017, 552, 273-277.	27.8	301
4	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. Cell Reports, 2018, 23, 255-269.e4.	6.4	204
5	EGFR-Phosphorylated Platelet Isoform of Phosphofructokinase 1 Promotes PI3K Activation. Molecular Cell, 2018, 70, 197-210.e7.	9.7	116
6	PTEN Suppresses Glycolysis by Dephosphorylating and Inhibiting Autophosphorylated PGK1. Molecular Cell, 2019, 76, 516-527.e7.	9.7	113
7	Genome-wide identification and differential analysis of translational initiation. Nature Communications, 2017, 8, 1749.	12.8	100
8	A Sucrose-Enriched Diet Promotes Tumorigenesis in Mammary Gland in Part through the 12-Lipoxygenase Pathway. Cancer Research, 2016, 76, 24-29.	0.9	76
9	Targeting MCL-1 dysregulates cell metabolism and leukemia-stroma interactions and re-sensitizes acute myeloid leukemia to BCL-2 inhibition. Haematologica, 2022, 107, 58-76.	3.5	62
10	The Glutaminase Inhibitor CB-839 (Telaglenastat) Enhances the Antimelanoma Activity of T-Cell-Mediated Immunotherapies. Molecular Cancer Therapeutics, 2021, 20, 500-511.	4.1	58
11	Choline kinase alpha 2 acts as a protein kinase to promote lipolysis of lipid droplets. Molecular Cell, 2021, 81, 2722-2735.e9.	9.7	57
12	Conversion of PRPS Hexamer to Monomer by AMPK-Mediated Phosphorylation Inhibits Nucleotide Synthesis in Response to Energy Stress. Cancer Discovery, 2018, 8, 94-107.	9.4	53
13	Glutaminase Activity of $\langle scp \rangle L \langle /scp \rangle$ -Asparaginase Contributes to Durable Preclinical Activity against Acute Lymphoblastic Leukemia. Molecular Cancer Therapeutics, 2019, 18, 1587-1592.	4.1	46
14	Changes in Cancer Cell Metabolism Revealed by Direct Sample Analysis with MALDI Mass Spectrometry. PLoS ONE, 2013, 8, e61379.	2.5	34
15	Thermochemistry of the activation of N <sub>2</sub> on iron cluster cations: Guided ion beam studies of the reactions of Fe <sup>n+</sup> (n=1-19) with N <sub>2</sub> . Journal of Chemical Physics, 2006, 124, 084302.	3.0	32
16	Eicosapentaenoic acid in combination with EPHA2 inhibition shows efficacy in preclinical models of triple-negative breast cancer by disrupting cellular cholesterol efflux. Oncogene, 2019, 38, 2135-2150.	5.9	26
17	ATF4 Protects the Heart From Failure by Antagonizing Oxidative Stress. Circulation Research, 2022, 131, 91-105.	4.5	26
18	Medium-Chain Acyl-CoA Dehydrogenase Protects Mitochondria from Lipid Peroxidation in Glioblastoma. Cancer Discovery, 2021, 11, 2904-2923.	9.4	23

#	ARTICLE	IF	CITATIONS
19	PKM1 Exerts Critical Roles in Cardiac Remodeling Under Pressure Overload in the Heart. <i>Circulation</i> , 2021, 144, 712-727.	1.6	23
20	Guided ion beam studies of the reactions of $\text{Co}^+(n=1-18)$ with $\text{N}_2$ : Cobalt cluster mononitride and dinitride bond energies. <i>Journal of Chemical Physics</i> , 2008, 128, 194313.	3.0	22
21	Lipidomic Profiles of Plasma Exosomes Identify Candidate Biomarkers for Early Detection of Hepatocellular Carcinoma in Patients with Cirrhosis. <i>Cancer Prevention Research</i> , 2021, 14, 955-962.	1.5	22
22	Suppression of Membranous LRP5 Recycling, Wnt/ $\beta$ -Catenin Signaling, and Colon Carcinogenesis by 15-LOX-1 Peroxidation of Linoleic Acid in PI3P. <i>Cell Reports</i> , 2020, 32, 108049.	6.4	18
23	USP21 deubiquitinase elevates macropinocytosis to enable oncogenic KRAS bypass in pancreatic cancer. <i>Genes and Development</i> , 2021, 35, 1327-1332.	5.9	18
24	PGC1 $\alpha$ is required for the renoprotective effect of lncRNA Tug1 in vivo and links Tug1 with urea cycle metabolites. <i>Cell Reports</i> , 2021, 36, 109510.	6.4	13
25	Deletion of cyclooxygenase-2 inhibits K-ras-induced lung carcinogenesis. <i>Oncotarget</i> , 2015, 6, 38816-38826.	1.8	12
26	Adipose tissue-specific ablation of <i>Ces1d</i> causes metabolic dysregulation in mice. <i>Life Science Alliance</i> , 2022, 5, e202101209.	2.8	12
27	Assessment of L-Asparaginase Pharmacodynamics in Mouse Models of Cancer. <i>Metabolites</i> , 2019, 9, 10.	2.9	11
28	Combined inhibition of HMGCoA reductase and mitochondrial complex I induces tumor regression of BRAF inhibitor-resistant melanomas. <i>Cancer &amp; Metabolism</i> , 2022, 10, 6.	5.0	8
29	Development of a rational strategy for integration of lactate dehydrogenase A suppression into therapeutic algorithms for head and neck cancer. <i>British Journal of Cancer</i> , 2021, 124, 1670-1679.	6.4	7
30	Regulation of growth, invasion and metabolism of breast ductal carcinoma through CCL2/CCR2 signaling interactions with MET receptor tyrosine kinases. <i>Neoplasia</i> , 2022, 28, 100791.	5.3	6
31	Mass spectrometry-based stable-isotope tracing uncovers metabolic alterations in pyruvate kinase-deficient <i>Aedes aegypti</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 121, 103366.	2.7	5
32	Compound NSC84167 selectively targets NRF2-activated pancreatic cancer by inhibiting asparagine synthesis pathway. <i>Cell Death and Disease</i> , 2021, 12, 693.	6.3	5
33	Response envelope analysis for quantitative evaluation of drug combinations. <i>Bioinformatics</i> , 2019, 35, 3761-3770.	4.1	3
34	The Glutaminase Activity of L-Asparaginase Mediates Suppression of Asns Upregulation. <i>Blood</i> , 2018, 132, 3959-3959.	1.4	3
35	Inhibition of Anti-Apoptotic Mcl-1 Exerts Anti-Leukemia Activity through Modulation of Leukemia-Stromal Interactions and Metabolic Functions in AML. <i>Blood</i> , 2019, 134, 3727-3727.	1.4	1
36	The Transcriptional and Epigenetic Reprogramming of Aged Hematopoietic Stem Cells Drives Myeloid Rewiring in Clonal Hematopoiesis-Associated Cytopenias. <i>Blood</i> , 2021, 138, 3273-3273.	1.4	0