

# Xin Teng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6393052/publications.pdf>

Version: 2024-02-01

15  
papers

3,161  
citations

759233

12  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

5686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose feeds the TCA cycle via circulating lactate. <i>Nature</i> , 2017, 551, 115-118.	27.8	1,112
2	Autophagy suppresses progression of K-ras-induced lung tumors to oncocytomas and maintains lipid homeostasis. <i>Genes and Development</i> , 2013, 27, 1447-1461.	5.9	529
3	Autophagy Is Required for Glucose Homeostasis and Lung Tumor Maintenance. <i>Cancer Discovery</i> , 2014, 4, 914-927.	9.4	450
4	Reversal of Cytosolic One-Carbon Flux Compensates for Loss of the Mitochondrial Folate Pathway. <i>Cell Metabolism</i> , 2016, 23, 1140-1153.	16.2	296
5	Autophagy provides metabolic substrates to maintain energy charge and nucleotide pools in Ras-driven lung cancer cells. <i>Genes and Development</i> , 2016, 30, 1704-1717.	5.9	291
6	Human Phosphoglycerate Dehydrogenase Produces the Oncometabolite S-2-Hydroxyglutarate. <i>ACS Chemical Biology</i> , 2015, 10, 510-516.	3.4	152
7	Metabolite discovery through global annotation of untargeted metabolomics data. <i>Nature Methods</i> , 2021, 18, 1377-1385.	19.0	107
8	Maturation Mechanism of Severe Acute Respiratory Syndrome (SARS) Coronavirus 3C-like Proteinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 28134-28140.	3.4	50
9	An LC-MS chemical derivatization method for the measurement of five different one-carbon states of cellular tetrahydrofolate. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5955-5964.	3.7	40
10	Lactate Dehydrogenase C Produces S-2-Hydroxyglutarate in Mouse Testis. <i>ACS Chemical Biology</i> , 2016, 11, 2420-2427.	3.4	37
11	Conformational Flexibility of a Short Loop near the Active Site of the SARS-3CLpro is Essential to Maintain Catalytic Activity. <i>Scientific Reports</i> , 2016, 6, 20918.	3.3	20
12	LC-MS and GC-MS based metabolomics platform for cancer research. <i>Cancer &amp; Metabolism</i> , 2014, 2, .	5.0	3
13	Human phosphoglycerate dehydrogenase produces the oncometabolite D-2-hydroxyglutarate and promotes histone methylation. <i>Cancer &amp; Metabolism</i> , 2014, 2, P75.	5.0	3
14	Abstract 4709: Compartmental flexibility in mammalian folate metabolism. , 2015, , .		0
15	Abstract IA05: Autophagy prevents fatal nucleotide pool depletion in Ras-driven cancer cells. , 2017, , .		0