

# Wen Cai Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,274  
citations

567144

15  
h-index

677027

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

4395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycine Decarboxylase Activity Drives Non-Small Cell Lung Cancer Tumor-Initiating Cells and Tumorigenesis. <i>Cell</i> , 2012, 148, 259-272.	13.5	593
2	Targeting noncoding RNAs in disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 761-771.	3.9	527
3	mRNA circularization by METTL3 <sup>Δ</sup> eIF3h enhances translation and promotes oncogenesis. <i>Nature</i> , 2018, 561, 556-560.	13.7	498
4	Tumour-initiating cell-specific miR-1246 and miR-1290 expression converge to promote non-small cell lung cancer progression. <i>Nature Communications</i> , 2016, 7, 11702.	5.8	155
5	METTL1-mediated m7G modification of Arg-TCT tRNA drives oncogenic transformation. <i>Molecular Cell</i> , 2021, 81, 3323-3338.e14.	4.5	153
6	miR-147b-mediated TCA cycle dysfunction and pseudohypoxia initiate drug tolerance to EGFR inhibitors in lung adenocarcinoma. <i>Nature Metabolism</i> , 2019, 1, 460-474.	5.1	57
7	Targeted BMI1 inhibition impairs tumor growth in lung adenocarcinomas with low CEBP $\beta$ expression. <i>Science Translational Medicine</i> , 2016, 8, 350ra104.	5.8	45
8	Glycine Decarboxylase Is an Unusual Amino Acid Decarboxylase Involved in Tumorigenesis. <i>Biochemistry</i> , 2014, 53, 947-956.	1.2	32
9	Succinate Dehydrogenase and Ribonucleic Acid Networks in Cancer and Other Diseases. <i>Cancers</i> , 2020, 12, 3237.	1.7	27
10	Non-Coding RNAs in Lung Tumor Initiation and Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2774.	1.8	27
11	CD166pos Subpopulation From Differentiated Human ES and iPS Cells Support Repair of Acute Lung Injury. <i>Molecular Therapy</i> , 2012, 20, 2335-2346.	3.7	26
12	Spatially resolved and multiplexed MicroRNA quantification from tissue using nanoliter well arrays. <i>Microsystems and Nanoengineering</i> , 2020, 6, 51.	3.4	21
13	microRNAs Tune Oxidative Stress in Cancer Therapeutic Tolerance and Resistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6094.	1.8	20
14	Nonfouling, Encoded Hydrogel Microparticles for Multiplex MicroRNA Profiling Directly from Formalin-Fixed, Paraffin-Embedded Tissue. <i>Analytical Chemistry</i> , 2018, 90, 10279-10285.	3.2	19
15	Evaluation of stem-like side population cells in a recurrent nasopharyngeal carcinoma cell line. <i>Cancer Cell International</i> , 2014, 14, 101.	1.8	15
16	A High-Throughput Small Molecule Screen Identifies Ouabain as Synergistic with miR-34a in Killing Lung Cancer Cells. <i>iScience</i> , 2020, 23, 100878.	1.9	13
17	Glycine Decarboxylase Activity Drives Non-Small Cell Lung Cancer Tumor-Initiating Cells and Tumorigenesis. <i>Cell</i> , 2012, 148, 1066.	13.5	12
18	Quantitative and multiplex microRNA assays from unprocessed cells in isolated nanoliter well arrays. <i>Lab on A Chip</i> , 2018, 18, 2410-2424.	3.1	11

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19	ADARs Edit MicroRNAs to Promote Leukemic Stem Cell Activity. <i>Cell Stem Cell</i> , 2016, 19, 141-142.	5.2	9
20	MicroRNA-21 guide and passenger strand regulation of adenylosuccinate lyase-mediated purine metabolism promotes transition to an EGFR-TKI-tolerant persister state. <i>Cancer Gene Therapy</i> , 2022, 29, 1878-1894.	2.2	6
21	MicroRNA-21 Mediates Resistance to EGFR Tyrosine Kinase Inhibitors in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1536.	0.5	4
22	Abstract 1438: Targeting metabolic enzyme with locked nucleic acids in non-small cell lung cancer. <i>Cancer Research</i> , 2014, 74, 1438-1438.	0.4	3
23	Abstract 487: Evidence for tumor initiating stem cells in lung cancer. , 2011, , .		1
24	Acknowledgement to Reviewers of Cancers in 2018. <i>Cancers</i> , 2019, 11, 65.	1.7	0