Chao Mao

List of Publications by Year
in descending order

36 papers	3,406 citations	279701 23 h-index	315616 38 g-index
38 all docs	38 docs citations	38 times ranked	2396 citing authors

#	Article	IF	Citations
1	DHODH-mediated ferroptosis defence is a targetable vulnerability in cancer. Nature, 2021, 593, 586-590.	13.7	733
2	Long noncoding RNA LINC00336 inhibits ferroptosis in lung cancer by functioning as a competing endogenous RNA. Cell Death and Differentiation, 2019, 26, 2329-2343.	5.0	365
3	A G3BP1-Interacting lncRNA Promotes Ferroptosis and Apoptosis in Cancer via Nuclear Sequestration of p53. Cancer Research, 2018, 78, 3484-3496.	0.4	335
4	mTORC1 couples cyst(e)ine availability with GPX4 protein synthesis and ferroptosis regulation. Nature Communications, 2021, 12, 1589.	5.8	317
5	EGLN1/c-Myc Induced Lymphoid-Specific Helicase Inhibits Ferroptosis through Lipid Metabolic Gene Expression Changes. Theranostics, 2017, 7, 3293-3305.	4.6	199
6	Ferroptosis, radiotherapy, and combination therapeutic strategies. Protein and Cell, 2021, 12, 836-857.	4.8	167
7	A targetable CoQ-FSP1 axis drives ferroptosis- and radiation-resistance in KEAP1 inactive lung cancers. Nature Communications, 2022, 13, 2206.	5.8	146
8	Genome and Transcriptome Analysis of the Fungal Pathogen Fusarium oxysporum f. sp. cubense Causing Banana Vascular Wilt Disease. PLoS ONE, 2014, 9, e95543.	1.1	135
9	Emerging mechanisms and targeted therapy of ferroptosis in cancer. Molecular Therapy, 2021, 29, 2185-2208.	3.7	134
10	Ferroptosis as a mechanism to mediate p53 function in tumor radiosensitivity. Oncogene, 2021, 40, 3533-3547.	2.6	101
11	Chromatin Remodeling Factor LSH Drives Cancer Progression by Suppressing the Activity of Fumarate Hydratase. Cancer Research, 2016, 76, 5743-5755.	0.4	85
12	Chromatin Remodeling Factor LSH is Upregulated by the LRP6-GSK3Î²-E2F1 Axis Linking Reversely with Survival in Gliomas. Theranostics, 2017, 7, 132-143.	4.6	54
13	Cancer progression is mediated by proline catabolism in non-small cell lung cancer. Oncogene, 2020, 39, 2358-2376.	2.6	51
14	Epigenetic crosstalk between hypoxia and tumor driven by HIF regulation. Journal of Experimental and Clinical Cancer Research, 2020, 39, 224.	3.5	49
15	The ratio of FoxA1 to FoxA2 in lung adenocarcinoma is regulated by LncRNA HOTAIR and chromatin remodeling factor LSH. Scientific Reports, 2016, 5, 17826.	1.6	43
16	A ferroptosis defense mechanism mediated by glycerol-3-phosphate dehydrogenase 2 in mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	41
17	The deubiquitylase UCHL3 maintains cancer stem-like properties by stabilizing the aryl hydrocarbon receptor. Signal Transduction and Targeted Therapy, 2020, 5, 78.	7.1	40
18	GIAT4RA functions as a tumor suppressor in non-small cell lung cancer by counteracting Uchl3â€“mediated deubiquitination of LSH. Oncogene, 2019, 38, 7133-7145.	2.6	39

#	Article	IF	Citations
19	Activation of AhR with nuclear IKKÎ± regulates cancer stem-like properties in the occurrence of radioresistance. Cell Death and Disease, 2018, 9, 490.	2.7	38
20	Nuclear EGFR-PKM2 axis induces cancer stem cell-like characteristics in irradiation-resistant cells. Cancer Letters, 2018, 422, 81-93.	3.2	36
21	LSH interacts with and stabilizes GINS4 transcript that promotes tumourigenesis in non-small cell lung cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 280.	3.5	35
22	Baicalin hydrate inhibits cancer progression in nasopharyngeal carcinoma by affecting genome instability and splicing. Oncotarget, 2018, 9, 901-914.	0.8	27
23	LGR5 expression is controled by IKKÎ± in basal cell carcinoma through activating STAT3 signaling pathway. Oncotarget, 2016, 7, 27280-27294.	0.8	25
24	The cross-talk between methylation and phosphorylation in lymphoid-specific helicase drives cancer stem-like properties. Signal Transduction and Targeted Therapy, 2020, 5, 197.	7.1	24
25	PCDHB14 promotes ferroptosis and is a novel tumor suppressor in hepatocellular carcinoma. Oncogene, 2022, 41, 3570-3583.	2.6	22
26	H2A Monoubiquitination Links Glucose Availability to Epigenetic Regulation of the Endoplasmic Reticulum Stress Response and Cancer Cell Death. Cancer Research, 2020, 80, 2243-2256.	0.4	21
27	Long nonâ€coding RNA linc01433 promotes migration and invasion in nonâ€small cell lung cancer. Thoracic Cancer, 2018, 9, 589-597.	0.8	19
28	Lymphoid-specific helicase in epigenetics, DNA repair and cancer. British Journal of Cancer, 2022, 126, 165-173.	2.9	15
29	Long nonâ€‘coding RNA HOX transcript antisense RNA promotes expression of 14â€‘3â€‘3Ïƒ in nonâ€‘small cell lung cancer. Experimental and Therapeutic Medicine, 2017, 14, 4503-4508.	0.8	14
30	IL4I1-driven AHR signature: a new avenue for cancer therapy. Signal Transduction and Targeted Therapy, 2021, 6, 118.	7.1	13
31	Proline dehydrogenase in cancer: apoptosis, autophagy, nutrient dependency and cancer therapy. Amino Acids, 2021, 53, 1891-1902.	1.2	12
32	Aryl hydrocarbon receptor activated by benzo (a) pyrene promotes SMARCA6 expression in NSCLC. American Journal of Cancer Research, 2018, 8, 1214-1227.	1.4	10
33	Phospholipase iPLA2Î² acts as a guardian against ferroptosis. Cancer Communications, 2021, 41, 1082-1085.	3.7	9
34	Assessment of lipid peroxidation in irradiated cells. Methods in Cell Biology, 2022, , 37-50.	0.5	6
35	Anaplastic oligoastrocytoma: is molecular stratification based on 1p/19q status alone appropriate?. Journal of Neuro-Oncology, 2015, 122, 217-218.	1.4	3
36	Ferroptosis as an important driver of lupus. Protein and Cell, 2022, 13, 313-315.	4.8	3