

Zhihua Liu

List of Publications by Year in descending order

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82
papers

4,228
citations

147801

31
h-index

123424

61
g-index

90
all docs

90
docs citations

90
times ranked

6947
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of genomic alterations in oesophageal squamous cell cancer. <i>Nature</i> , 2014, 509, 91-95.	27.8	903
2	Single-cell analyses reveal key immune cell subsets associated with response to PD-L1 blockade in triple-negative breast cancer. <i>Cancer Cell</i> , 2021, 39, 1578-1593.e8.	16.8	275
3	Genomic analysis of oesophageal squamous-cell carcinoma identifies alcohol drinking-related mutation signature and genomic alterations. <i>Nature Communications</i> , 2017, 8, 15290.	12.8	195
4	Joint analysis of three genome-wide association studies of esophageal squamous cell carcinoma in Chinese populations. <i>Nature Genetics</i> , 2014, 46, 1001-1006.	21.4	148
5	Whole-genome sequencing of 508 patients identifies key molecular features associated with poor prognosis in esophageal squamous cell carcinoma. <i>Cell Research</i> , 2020, 30, 902-913.	12.0	132
6	The Aryl hydrocarbon receptor mediates tobacco-induced PD-L1 expression and is associated with response to immunotherapy. <i>Nature Communications</i> , 2019, 10, 1125.	12.8	131
7	Diverse AR-V7 cistromes in castration-resistant prostate cancer are governed by HoxB13. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6810-6815.	7.1	120
8	Multifunctional Graphdiyne-Cerium Oxide Nanozymes Facilitate MicroRNA Delivery and Attenuate Tumor Hypoxia for Highly Efficient Radiotherapy of Esophageal Cancer. <i>Advanced Materials</i> , 2021, 33, e2100556.	21.0	119
9	JMJD6 Promotes Colon Carcinogenesis through Negative Regulation of p53 by Hydroxylation. <i>PLoS Biology</i> , 2014, 12, e1001819.	5.6	111
10	Multi-region sequencing unveils novel actionable targets and spatial heterogeneity in esophageal squamous cell carcinoma. <i>Nature Communications</i> , 2019, 10, 1670.	12.8	110
11	Genetic Features of Aflatoxin-Associated Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017, 153, 249-262.e2.	1.3	100
12	MiR-106b and MiR-15b Modulate Apoptosis and Angiogenesis in Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 851-862.	1.6	87
13	Exosome-derived miR-339-5p mediates radiosensitivity by targeting Cdc25A in locally advanced esophageal squamous cell carcinoma. <i>Oncogene</i> , 2019, 38, 4990-5006.	5.9	76
14	OTUB1 promotes esophageal squamous cell carcinoma metastasis through modulating Snail stability. <i>Oncogene</i> , 2018, 37, 3356-3368.	5.9	72
15	Deubiquitinating enzyme PSMD14 promotes tumor metastasis through stabilizing SNAIL in human esophageal squamous cell carcinoma. <i>Cancer Letters</i> , 2018, 418, 125-134.	7.2	67
16	Involvement of S100A14 Protein in Cell Invasion by Affecting Expression and Function of Matrix Metalloproteinase (MMP)-2 via p53-dependent Transcriptional Regulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 17109-17119.	3.4	64
17	ZEB1 induced miR-99b/let-7e/miR-125a cluster promotes invasion and metastasis in esophageal squamous cell carcinoma. <i>Cancer Letters</i> , 2017, 398, 37-45.	7.2	62
18	Regulation of XIAP Turnover Reveals a Role for USP11 in Promotion of Tumorigenesis. <i>EBioMedicine</i> , 2017, 15, 48-61.	6.1	61

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19	MGMT-activated DUB3 stabilizes MCL1 and drives chemoresistance in ovarian cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2961-2966.	7.1	58
20	JOSD1 inhibits mitochondrial apoptotic signalling to drive acquired chemoresistance in gynaecological cancer by stabilizing MCL1. Cell Death and Differentiation, 2020, 27, 55-70.	11.2	53
21	ATXN3 promotes breast cancer metastasis by deubiquitinating KLF4. Cancer Letters, 2019, 467, 19-28.	7.2	49
22	MicroRNA-92b represses invasion-metastasis cascade of esophageal squamous cell carcinoma. Oncotarget, 2016, 7, 20209-20222.	1.8	49
23	KrÄppel-like Factor 4 Promotes Esophageal Squamous Cell Carcinoma Differentiation by Up-regulating Keratin 13 Expression. Journal of Biological Chemistry, 2015, 290, 13567-13577.	3.4	47
24	MicroRNA-548j functions as a metastasis promoter in human breast cancer by targeting Tensin1. Molecular Oncology, 2016, 10, 838-849.	4.6	44
25	SERPINE2 promotes esophageal squamous cell carcinoma metastasis by activating BMP4. Cancer Letters, 2020, 469, 390-398.	7.2	44
26	Ubiquitination and deubiquitination of MCL1 in cancer: deciphering chemoresistance mechanisms and providing potential therapeutic options. Cell Death and Disease, 2020, 11, 556.	6.3	44
27	S100A7 promotes the migration, invasion and metastasis of human cervical cancer cells through epithelial-mesenchymal transition. Oncotarget, 2017, 8, 24964-24977.	1.8	41
28	Circulating serum microRNA-345 correlates with unfavorable pathological response to preoperative chemoradiotherapy in locally advanced rectal cancer. Oncotarget, 2016, 7, 64233-64243.	1.8	39
29	USP26 promotes esophageal squamous cell carcinoma metastasis through stabilizing Snail. Cancer Letters, 2019, 448, 52-60.	7.2	36
30	A S100A14-CCL2/CXCL5 signaling axis drives breast cancer metastasis. Theranostics, 2020, 10, 5687-5703.	10.0	36
31	ARID1A ablation leads to multiple drug resistance in ovarian cancer via transcriptional activation of MRP2. Cancer Letters, 2018, 427, 9-17.	7.2	35
32	TRIM32/USP11 Balances ARID1A Stability and the Oncogenic/Tumor-Suppressive Status of Squamous Cell Carcinoma. Cell Reports, 2020, 30, 98-111.e5.	6.4	35
33	Inhibitor of Differentiation/DNA Binding 1 (ID1) Inhibits Etoposide-induced Apoptosis in a c-Jun/c-Fos-dependent Manner. Journal of Biological Chemistry, 2016, 291, 6831-6842.	3.4	34
34	Circ-TTC17 Promotes Proliferation and Migration of Esophageal Squamous Cell Carcinoma. Digestive Diseases and Sciences, 2019, 64, 751-758.	2.3	33
35	CFEA: a cell-free epigenome atlas in human diseases. Nucleic Acids Research, 2020, 48, D40-D44.	14.5	32
36	EIF3H promotes aggressiveness of esophageal squamous cell carcinoma by modulating Snail stability. Journal of Experimental and Clinical Cancer Research, 2020, 39, 175.	8.6	32

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37	ARID1A prevents squamous cell carcinoma initiation and chemoresistance by antagonizing pRb/E2F1/c-Myc-mediated cancer stemness. <i>Cell Death and Differentiation</i> , 2020, 27, 1981-1997.	11.2	30
38	Genome-wide cell-free DNA methylation analyses improve accuracy of non-invasive diagnostic imaging for early-stage breast cancer. <i>Molecular Cancer</i> , 2021, 20, 36.	19.2	30
39	A microRNA-based liquid biopsy signature for the early detection of esophageal squamous cell carcinoma: a retrospective, prospective and multicenter study. <i>Molecular Cancer</i> , 2022, 21, 44.	19.2	29
40	A20/TNFAIP3 Regulates the DNA Damage Response and Mediates Tumor Cell Resistance to DNA-Damaging Therapy. <i>Cancer Research</i> , 2018, 78, 1069-1082.	0.9	28
41	Guanylate-binding protein 1 (GBP1) promotes lymph node metastasis in human esophageal squamous cell carcinoma. <i>Discovery Medicine</i> , 2015, 20, 369-78.	0.5	26
42	TRAF7 enhances ubiquitin-degradation of KLF4 to promote hepatocellular carcinoma progression. <i>Cancer Letters</i> , 2020, 469, 380-389.	7.2	24
43	EIF3H Orchestrates Hippo Pathway-Mediated Oncogenesis via Catalytic Control of YAP Stability. <i>Cancer Research</i> , 2020, 80, 2550-2563.	0.9	24
44	S100A1 promotes cell proliferation and migration and is associated with lymph node metastasis in ovarian cancer. <i>Discovery Medicine</i> , 2017, 23, 235-245.	0.5	23
45	Cancer type classification using plasma cell-free RNAs derived from human and microbes. <i>ELife</i> , 0, 11, .	6.0	23
46	ARID1A Hypermethylation Disrupts Transcriptional Homeostasis to Promote Squamous Cell Carcinoma Progression. <i>Cancer Research</i> , 2020, 80, 406-417.	0.9	22
47	MicroRNA-182 drives colonization and macroscopic metastasis via targeting its suppressor SNAIL1 in breast cancer. <i>Oncotarget</i> , 2017, 8, 4629-4641.	1.8	21
48	Integrin $\alpha 6$ promotes esophageal cancer metastasis and is targeted by miR-92b. <i>Oncotarget</i> , 2017, 8, 6681-6690.	1.8	21
49	Overexpression of S100A14 in human serous ovarian carcinoma. <i>Oncology Letters</i> , 2016, 11, 1113-1119.	1.8	20
50	Phosphoproteomics reveals therapeutic targets of esophageal squamous cell carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 381.	17.1	20
51	S100A10 silencing suppresses proliferation, migration and invasion of ovarian cancer cells and enhances sensitivity to carboplatin. <i>Journal of Ovarian Research</i> , 2019, 12, 113.	3.0	19
52	LncRNA and mRNA signatures associated with neoadjuvant chemoradiotherapy downstaging effects in rectal cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5207-5217.	2.6	18
53	ER regulates an evolutionarily conserved apoptosis pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 34-38.	2.1	17
54	Down-regulation of HECTD3 by HER2 inhibition makes serous ovarian cancer cells sensitive to platinum treatment. <i>Cancer Letters</i> , 2017, 411, 65-73.	7.2	17

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55	The E3 ligase HECTD3 promotes esophageal squamous cell carcinoma (ESCC) growth and cell survival through targeting and inhibiting caspase-9 activation. <i>Cancer Letters</i> , 2017, 404, 44-52.	7.2	17
56	Inhibition of XIAP increases carboplatin sensitivity in ovarian cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8751-8759.	2.0	17
57	Depletion of LAMP3 enhances PKA-mediated VASP phosphorylation to suppress invasion and metastasis in esophageal squamous cell carcinoma. <i>Cancer Letters</i> , 2020, 479, 100-111.	7.2	16
58	MicroRNA-17/20a impedes migration and invasion via TGF- β 2/ITGB6 pathway in esophageal squamous cell carcinoma. <i>American Journal of Cancer Research</i> , 2016, 6, 1549-62.	1.4	15
59	Ubiquitin-specific peptidase 46 promotes tumor metastasis through stabilizing ENO1 in human esophageal squamous cell carcinoma. <i>Experimental Cell Research</i> , 2020, 395, 112188.	2.6	14
60	New insight into the significance of KLF4 PARylation in genome stability, carcinogenesis, and therapy. <i>EMBO Molecular Medicine</i> , 2020, 12, e12391.	6.9	14
61	The deubiquitinase USP11 promotes ovarian cancer chemoresistance by stabilizing BIP. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 264.	17.1	13
62	Chlorogenic acid inhibits esophageal squamous cell carcinoma growth in vitro and in vivo by downregulating the expression of BMI1 and SOX2. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109602.	5.6	12
63	USP12 promotes breast cancer angiogenesis by maintaining midkine stability. <i>Cell Death and Disease</i> , 2021, 12, 1074.	6.3	12
64	DLGAP1-AS2-Mediated Phosphatidic Acid Synthesis Activates YAP Signaling and Confers Chemoresistance in Squamous Cell Carcinoma. <i>Cancer Research</i> , 2022, 82, 2887-2903.	0.9	12
65	Differential expression of Kindlin-1 and Kindlin-2 correlates with esophageal cancer progression and epidemiology. <i>Science China Life Sciences</i> , 2017, 60, 1214-1222.	4.9	11
66	Keeping a clean research environment: Addressing research misconduct and improving scientific integrity in China. <i>Cancer Letters</i> , 2019, 464, 1-4.	7.2	11
67	The oncogenic function of androgen receptor in esophageal squamous cell carcinoma is directed by GATA3. <i>Cell Research</i> , 2021, 31, 362-365.	12.0	10
68	USP39 promotes ovarian cancer malignant phenotypes and carboplatin chemoresistance. <i>International Journal of Oncology</i> , 2019, 55, 277-288.	3.3	9
69	Remodeling of the ARID1A tumor suppressor. <i>Cancer Letters</i> , 2020, 491, 1-10.	7.2	8
70	Loss of grand histone H3 lysine 27 trimethylation domains mediated transcriptional activation in esophageal squamous cell carcinoma. <i>Npj Genomic Medicine</i> , 2021, 6, 65.	3.8	7
71	Comprehensive characterization of posttranscriptional impairment-related 3'-UTR mutations in 2413 whole genomes of cancer patients. <i>Npj Genomic Medicine</i> , 2022, 7, .	3.8	7
72	USP48 Sustains Chemoresistance and Metastasis in Ovarian Cancer. <i>Current Cancer Drug Targets</i> , 2020, 20, 689-699.	1.6	6

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73	DrABC: deep learning accurately predicts germline pathogenic mutation status in breast cancer patients based on phenotype data. <i>Genome Medicine</i> , 2022, 14, 21.	8.2	4
74	Silencing of FANCI Promotes DNA Damage and Sensitizes Ovarian Cancer Cells to Carboplatin. <i>Current Cancer Drug Targets</i> , 2022, 22, 591-602.	1.6	4
75	The Deubiquitinase USP39 Promotes Esophageal Squamous Cell Carcinoma Malignancy as a Splicing Factor. <i>Genes</i> , 2022, 13, 819.	2.4	4
76	The Prognostic Significance of Anisomycin-Activated Phospho-c-Jun NH2-Terminal Kinase (p-JNK) in Predicting Breast Cancer Patients's Survival Time. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656693.	3.7	3
77	Deep proteome profiling promotes whole proteome characterization and drug discovery for esophageal squamous cell carcinoma. <i>Cancer Biology and Medicine</i> , 2022, 19, 1-5.	3.0	2
78	Identification of a Metastasis-Related Protein IFI16 in Esophageal Cancer using a Proteomic Approach. <i>Journal of Cancer</i> , 2022, 13, 1630-1639.	2.5	1
79	SLC35E2 promoter mutation as a prognostic marker of esophageal squamous cell carcinoma. <i>Life Sciences</i> , 2022, 296, 120447.	4.3	1
80	MAFB promotes the malignant phenotypes by IGFBP6 in esophageal squamous cell carcinomas. <i>Experimental Cell Research</i> , 2022, 416, 113158.	2.6	1
81	Purification and Functional Characterization of a Novel Protein Encoded by a Retinoic Acid-Induced Gene, RA28. <i>Annals of the New York Academy of Sciences</i> , 1999, 886, 229-232.	3.8	0
82	Comparison of differential gene expression profiles in human esophageal squamous carcinoma EC8712 cells before and after arsenic trioxide (As ₂ O ₃) treatment. <i>Science Bulletin</i> , 1999, 44, 1581-1587.	1.7	0