Qi Zhao

List of Publications by Year
in descending order

77 papers	5,687 citations

147801

31 h-index	

88630

70 g-index	

77 all docs	77 docs citations

77 times ranked	9123 citing authors

#	Article	IF	Citations
1	IBS: an illustrator for the presentation and visualization of biological sequences. Bioinformatics, 2015, 31, 3359-3361.	4.1	817
2	Circulating tumour DNA methylation markers for diagnosis and prognosis of hepatocellular carcinoma. Nature Materials, 2017, 16, 1155-1161.	27.5	641
3	GPS-SUMO: a tool for the prediction of sumoylation sites and SUMO-interaction motifs. Nucleic Acids Research, 2014, 42, W325-W330.	14.5	417
4	LncRNA LINRIS stabilizes IGF2BP2 and promotes the aerobic glycolysis in colorectal cancer. Molecular Cancer, 2019, 18, 174.	19.2	315
5	Evaluation of <i>POLE</i> and <i>POLD1</i> Mutations as Biomarkers for Immunotherapy Outcomes Across Multiple Cancer Types. JAMA Oncology, 2019, 5, 1504.	7.1	287
6	Circulating tumor DNA methylation profiles enable early diagnosis, prognosis prediction, and screening for colorectal cancer. Science Translational Medicine, 2020, 12, .	12.4	260
7	Excessive miR-25-3p maturation via N6-methyladenosine stimulated by cigarette smoke promotes pancreatic cancer progression. Nature Communications, 2019, 10, 1858.	12.8	242
8	CPT1A-mediated fatty acid oxidation promotes colorectal cancer cell metastasis by inhibiting anoikis. Oncogene, 2018, 37, 6025-6040.	5.9	211
9	PIWI-interacting RNA-36712 restrains breast cancer progression and chemoresistance by interaction with SEPW1 pseudogene SEPW1P RNA. Molecular Cancer, 2019, 18, 9.	19.2	139
10	Systematic Analysis of the Aberrances and Functional Implications of Ferroptosis in Cancer. IScience, 2020, 23, 101302.	4.1	128
11	GPS-Lipid: a robust tool for the prediction of multiple lipid modification sites. Scientific Reports, 2016, 6, 28249.	3.3	120
12	Liquid biopsies to track trastuzumab resistance in metastatic HER2-positive gastric cancer. Gut, 2019, 68, 1152-1161.	12.1	118
13	PIWI-interacting RNA-54265 is oncogenic and a potential therapeutic target in colorectal adenocarcinoma. Theranostics, 2018, 8, 5213-5230.	10.0	115
14	RMVar: an updated database of functional variants involved in RNA modifications. Nucleic Acids Research, 2021, 49, D1405-D1412.	14.5	112
15	Tumor mutational and indel burden: a systematic pan-cancer evaluation as prognostic biomarkers. Annals of Translational Medicine, 2019, 7, 640-640.	1.7	103
16	Conformation Selective Antibody Enables Genome Profiling and Leads to Discovery of Parallel G-Quadruplex in Human Telomeres. Cell Chemical Biology, 2016, 23, 1261-1270.	5.2	102
17	A circRNA signature predicts postoperative recurrence in stage II/III colon cancer. EMBO Molecular Medicine, 2019, 11, e10168.	6.9	90
18	Postoperative circulating tumor DNA as markers of recurrence risk in stages II to III colorectal cancer. Journal of Hematology and Oncology, 2021, 14, 80.	17.0	90

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19	ME1 Regulates NADPH Homeostasis to Promote Gastric Cancer Growth and Metastasis. Cancer Research, 2018, 78, 1972-1985.	0.9	86
20	Firmiana: towards a one-stop proteomic cloud platform for data processing and analysis. Nature Biotechnology, 2017, 35, 409-412.	17.5	80
21	*MUC4*, *MUC16*, and *TTN* genes mutation correlated with prognosis, and predicted tumor mutation burden and immunotherapy efficacy in gastric cancer and panâ€cancer. Clinical and Translational Medicine, 2020, 10, e155.	4.0	80
22	FTO downregulation mediated by hypoxia facilitates colorectal cancer metastasis. Oncogene, 2021, 40, 5168-5181.	5.9	77
23	Integrated analysis of single-cell and bulk RNA sequencing data reveals a pan-cancer stemness signature predicting immunotherapy response. Genome Medicine, 2022, 14, 45.	8.2	73
24	Targeting the STING pathway in tumor-associated macrophages regulates innate immune sensing of gastric cancer cells. Theranostics, 2020, 10, 498-515.	10.0	68
25	Alteration in TET1 as potential biomarker for immune checkpoint blockade in multiple cancers. , 2019, 7, 264.		66
26	Inhibition of fatty acid catabolism augments the efficacy of oxaliplatin-based chemotherapy in gastrointestinal cancers. Cancer Letters, 2020, 473, 74-89.	7.2	63
27	Novel Genetic and Epigenetic Biomarkers of Prognostic and Predictive Significance in Stage II/III Colorectal Cancer. Molecular Therapy, 2021, 29, 587-596.	8.2	52
28	MYC-Activated LncRNA *MNX1-AS1* Promotes the Progression of Colorectal Cancer by Stabilizing YB1. Cancer Research, 2021, 81, 2636-2650.	0.9	48
29	hTERT promotes cell adhesion and migration independent of telomerase activity. Scientific Reports, 2016, 6, 22886.	3.3	45
30	qPhos: a database of protein phosphorylation dynamics in humans. Nucleic Acids Research, 2019, 47, D451-D458.	14.5	44
31	Whole exome and target sequencing identifies MAP2K5 as novel susceptibility gene for familial nonâ€medullary thyroid carcinoma. International Journal of Cancer, 2019, 144, 1321-1330.	5.1	37
32	Designing gene panels for tumor mutational burden estimation: the need to shift from â€˜correlationâ€™ to â€˜accuracyâ€™. , 2019, 7, 206.		37
33	Birth-related retinal hemorrhages in healthy full-term newborns and their relationship to maternal, obstetric, and neonatal risk factors. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1021-1025.	1.9	35
34	VDRâ€"SOX2 signaling promotes colorectal cancer stemness and malignancy in an acidic microenvironment. Signal Transduction and Targeted Therapy, 2020, 5, 183.	17.1	30
35	BBCancer: an expression atlas of blood-based biomarkers in the early diagnosis of cancers. Nucleic Acids Research, 2020, 48, D789-D796.	14.5	29
36	Deep learning based prediction of reversible HAT/HDAC-specific lysine acetylation. Briefings in Bioinformatics, 2020, 21, 1798-1805.	6.5	24

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37	The genomic landscape of small cell carcinoma of the esophagus. Cell Research, 2018, 28, 771-774.	12.0	23
38	Dysregulation, functional implications, and prognostic ability of the circadian clock across cancers. Cancer Medicine, 2019, 8, 1710-1720.	2.8	23
39	IBS 2.0: an upgraded illustrator for the visualization of biological sequences. Nucleic Acids Research, 2022, 50, W420-W426.	14.5	22
40	Comprehensive profiling of 1015 patientsâ€™ exomes reveals genomic-clinical associations in colorectal cancer. Nature Communications, 2022, 13, 2342.	12.8	21
41	PGC1Î± protects against hepatic steatosis and insulin resistance via enhancing IL10â€mediated antiâ€inflammatory response. FASEB Journal, 2020, 34, 10751-10761.	0.5	20
42	Raman Spectroscopy: A Novel Technology for Gastric Cancer Diagnosis. Frontiers in Bioengineering and Biotechnology, 2022, 10, 856591.	4.1	20
43	A systematic simulation of the effect of salicylic acid on sphingolipid metabolism. Frontiers in Plant Science, 2015, 6, 186.	3.6	17
44	Genomic temporal heterogeneity of circulating tumour DNA in unresectable metastatic colorectal cancer under first-line treatment. Gut, 2022, 71, 1340-1349.	12.1	17
45	Expression and regulation of long noncoding RNAs during the osteogenic differentiation of periodontal ligament stem cells in the inflammatory microenvironment. Scientific Reports, 2017, 7, 13991.	3.3	16
46	A two-microRNA-based signature predicts first-line chemotherapy outcomes in advanced colorectal cancer patients. Cell Death Discovery, 2018, 4, 116.	4.7	16
47	AMPKÎ±1 confers survival advantage of colorectal cancer cells under metabolic stress by promoting redox balance through the regulation of glutathione reductase phosphorylation. Oncogene, 2020, 39, 637-650.	5.9	16
48	Investigation of the role and mechanism of ARHGAP5-mediated colorectal cancer metastasis. Theranostics, 2020, 10, 5998-6010.	10.0	16
49	Mutation profiling in chinese patients with metastatic colorectal cancer and its correlation with clinicopathological features and anti-EGFR treatment response. Oncotarget, 2016, 7, 28356-28368.	1.8	16
50	LncPipe: A Nextflow-based pipeline for identification and analysis of long non-coding RNAs from RNA-Seq data. Journal of Genetics and Genomics, 2018, 45, 399-401.	3.9	15
51	Neoantigen landscape in metastatic nasopharyngeal carcinoma. Theranostics, 2021, 11, 6427-6444.	10.0	14
52	Single AAV-Mediated CRISPR-SaCas9 Inhibits HSV-1 Replication by Editing ICP4 in Trigeminal Ganglion Neurons. Molecular Therapy - Methods and Clinical Development, 2020, 18, 33-43.	4.1	14
53	Association study of the endothelial nitric oxide synthase gene polymorphisms with essential hypertension in northern Han Chinese. Chinese Medical Journal, 2006, 119, 1065-71.	2.3	14
54	Classification of gastric cancer by EBV status combined with molecular profiling predicts patient prognosis. Clinical and Translational Medicine, 2020, 10, 353-362.	4.0	13

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55	MesKit: a tool kit for dissecting cancer evolution of multi-region tumor biopsies through somatic alterations. GigaScience, 2021, 10, .	6.4	13
56	Determination of anterior segment changes with Pentacam after phacoemulsification in eyes with primary angleâ€closure glaucoma. Clinical and Experimental Ophthalmology, 2012, 40, 786-791.	2.6	9
57	CrossICC: iterative consensus clustering of cross-platform gene expression data without adjusting batch effect. Briefings in Bioinformatics, 2020, 21, 1818-1824.	6.5	8
58	autoRPA: A web server for constructing cancer staging models by recursive partitioning analysis. Computational and Structural Biotechnology Journal, 2020, 18, 3361-3367.	4.1	8
59	Functional dissection of the role of UHRF1 in the regulation of retinoblastoma methylome. Oncotarget, 2017, 8, 39497-39511.	1.8	8
60	Germline mutational profile of Chinese patients under 70 years old with colorectal cancer. Cancer Communications, 2020, 40, 620-632.	9.2	7
61	Image-driven classification of functioning and nonfunctioning pituitary adenoma by deep convolutional neural networks. Computational and Structural Biotechnology Journal, 2021, 19, 3077-3086.	4.1	7
62	POLE/POLD1 mutation in nonâ€exonuclease domain matters for predicting efficacy of immuneâ€checkpointâ€inhibitor therapy. Clinical and Translational Medicine, 2021, 11, e524.	4.0	6
63	VirusMap: A visualization database for the influenza A virus. Journal of Genetics and Genomics, 2017, 44, 281-284.	3.9	4
64	More precise prediction in Chinese patients with penile squamous cell carcinoma: protein kinase CK2Î± catalytic subunit (CK2Î±) as a poor prognosticator. Oncotarget, 2017, 8, 51542-51550.	1.8	4
65	MeRIPseqPipe: an integrated analysis pipeline for MeRIP-seq data based on Nextflow. Bioinformatics, 2022, 38, 2054-2056.	4.1	4
66	Evaluation of <i>POLE</i>/<i>POLD1</i> Variants as Potential Biomarkers for Immune Checkpoint Inhibitor Treatment Outcomesâ€"Reply. JAMA Oncology, 2020, 6, 590.	7.1	3
67	Systematic analysis of the transcriptome in smallâ€cell carcinoma of the oesophagus reveals its immune microenvironment. Clinical and Translational Immunology, 2020, 9, e1173.	3.8	2
68	Clinical and genomic characterization of neutral tumor evolution in Head and Neck Squamous Cell Carcinoma. Genomics, 2020, 112, 3448-3454.	2.9	2
69	Driver mutations in ADGRL3 are involved in the evolution of ependymoma. Laboratory Investigation, 2022, , .	3.7	2
70	Deciphering clonal dynamics and metastatic routines in a rare patient of synchronous triple-primary tumors and multiple metastases with MPTevol. Briefings in Bioinformatics, 2022, 23, .	6.5	2
71	IDDF2019-ABS-0289â€¦A circRNA signature predicts postoperative recurrence in stage II/III colon cancer. , 2019, , .		1
72	p.P476S mutation of RBPJL inhibits the efficacy of antiâ€PDâ€1 therapy in oesophageal squamous cell carcinoma by blunting Tâ€cell responses. Clinical and Translational Immunology, 2020, 9, e1172.	3.8	1

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73	IDDF2020-ABS-0177â€¦ERBB4 high expression and mutations in gastric cancer present opportunities for clinical landscape and therapeutic development. , 2020, , .		1
74	DrugCVar: a platform for evidence-based drug annotation for genetic variants in cancer. Bioinformatics, 2022, 38, 3094-3098.	4.1	1
75	Role of ssDNA as a Noninvasive Indicator for the Diagnosis and Prognosis of Hepatocellular Carcinoma: An Exploratory Study. Disease Markers, 2021, 2021, 1-11.	1.3	0
76	IDDF2020-ABS-0110â€¦lncRNA MNX1-AS1 promotes the progression of colorectal cancer through stabilizing YB1. , 2020, , .		0
77	PD-1 antibody camrelizumab for Epstein-Barr virus-positive metastatic gastric cancer: a single-arm, open-label, phase 2 trial. American Journal of Cancer Research, 2021, 11, 5006-5015.	1.4	0