

Zhixiang Zuo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3588908/publications.pdf>

Version: 2024-02-01

105
papers

12,702
citations

81743

39
h-index

40881

93
g-index

108
all docs

108
docs citations

108
times ranked

20540
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive genomic characterization of head and neck squamous cell carcinomas. <i>Nature</i> , 2015, 517, 576-582.	13.7	3,209
2	miRecords: an integrated resource for microRNA-target interactions. <i>Nucleic Acids Research</i> , 2009, 37, D105-D110.	6.5	1,304
3	FTO Plays an Oncogenic Role in Acute Myeloid Leukemia as a N6-Methyladenosine RNA Demethylase. <i>Cancer Cell</i> , 2017, 31, 127-141.	7.7	1,139
4	IBS: an illustrator for the presentation and visualization of biological sequences. <i>Bioinformatics</i> , 2015, 31, 3359-3361.	1.8	817
5	Integrative and Comparative Genomic Analysis of HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas. <i>Clinical Cancer Research</i> , 2015, 21, 632-641.	3.2	525
6	METTL3 facilitates tumor progression via an m6A-IGF2BP2-dependent mechanism in colorectal carcinoma. <i>Molecular Cancer</i> , 2019, 18, 112.	7.9	515
7	Histone H3 trimethylation at lysine 36 guides m6A RNA modification co-transcriptionally. <i>Nature</i> , 2019, 567, 414-419.	13.7	452
8	Effect of Probiotics on Inducing Remission and Maintaining Therapy in Ulcerative Colitis, Crohn's Disease, and Pouchitis. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 21-35.	0.9	320
9	Characterization of HPV and host genome interactions in primary head and neck cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15544-15549.	3.3	317
10	Integrative Analysis of Head and Neck Cancer Identifies Two Biologically Distinct HPV and Three Non-HPV Subtypes. <i>Clinical Cancer Research</i> , 2015, 21, 870-881.	3.2	303
11	Circulating tumor DNA methylation profiles enable early diagnosis, prognosis prediction, and screening for colorectal cancer. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	260
12	YTHDF1 links hypoxia adaptation and non-small cell lung cancer progression. <i>Nature Communications</i> , 2019, 10, 4892.	5.8	256
13	Excessive miR-25-3p maturation via N6-methyladenosine stimulated by cigarette smoke promotes pancreatic cancer progression. <i>Nature Communications</i> , 2019, 10, 1858.	5.8	242
14	m6AVar: a database of functional variants involved in m6A modification. <i>Nucleic Acids Research</i> , 2018, 46, D139-D145.	6.5	181
15	Database Resources of the National Genomics Data Center, China National Center for Bioinformation in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D18-D28.	6.5	168
16	N6-Methyladenosine co-transcriptionally directs the demethylation of histone H3K9me2. <i>Nature Genetics</i> , 2020, 52, 870-877.	9.4	157
17	PIWI-interacting RNA-36712 restrains breast cancer progression and chemoresistance by interaction with SEPW1 pseudogene SEPW1P RNA. <i>Molecular Cancer</i> , 2019, 18, 9.	7.9	139
18	GPS-Lipid: a robust tool for the prediction of multiple lipid modification sites. <i>Scientific Reports</i> , 2016, 6, 28249.	1.6	120

#	ARTICLE	IF	CITATIONS
19	PIWI-interacting RNA-54265 is oncogenic and a potential therapeutic target in colorectal adenocarcinoma. <i>Theranostics</i> , 2018, 8, 5213-5230.	4.6	115
20	miR-22 has a potent anti-tumour role with therapeutic potential in acute myeloid leukaemia. <i>Nature Communications</i> , 2016, 7, 11452.	5.8	113
21	RMVar: an updated database of functional variants involved in RNA modifications. <i>Nucleic Acids Research</i> , 2021, 49, D1405-D1412.	6.5	112
22	M6A2Target: a comprehensive database for targets of m ⁶ A writers, erasers and readers. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	97
23	WHSC1 Promotes Oncogenesis through Regulation of NIMA-Related Kinase-7 in Squamous Cell Carcinoma of the Head and Neck. <i>Molecular Cancer Research</i> , 2015, 13, 293-304.	1.5	82
24	Multiple layers of transcriptional regulation by PLZF in NKT-cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7602-7607.	3.3	82
25	DeepNitro: Prediction of Protein Nitration and Nitrosylation Sites by Deep Learning. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 294-306.	3.0	81
26	Evolutionary Insights into RNA trans-Splicing in Vertebrates. <i>Genome Biology and Evolution</i> , 2016, 8, 562-577.	1.1	78
27	Expression and regulation of long noncoding RNAs in TLR4 signaling in mouse macrophages. <i>BMC Genomics</i> , 2015, 16, 45.	1.2	76
28	A Global View of Cancer-Specific Transcript Variants by Subtractive Transcriptome-Wide Analysis. <i>PLoS ONE</i> , 2009, 4, e4732.	1.1	72
29	Dysregulated adaptive immune response contributes to severe COVID-19. <i>Cell Research</i> , 2020, 30, 814-816.	5.7	71
30	A Genome-Wide CRISPR Screen Identifies Genes Critical for Resistance to FLT3 Inhibitor AC220. <i>Cancer Research</i> , 2017, 77, 4402-4413.	0.4	66
31	Overexpression and knockout of miR-126 both promote leukemogenesis. <i>Blood</i> , 2015, 126, 2005-2015.	0.6	65
32	N(6)-methyladenosine-binding protein YTHDF1 suppresses EBV replication and promotes EBV RNA decay. <i>EMBO Reports</i> , 2021, 22, e50128.	2.0	59
33	NSUN2-mediated RNA 5-methylcytosine promotes esophageal squamous cell carcinoma progression via LIN28B-dependent GRB2 mRNA stabilization. <i>Oncogene</i> , 2021, 40, 5814-5828.	2.6	59
34	Immune profiles in primary squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2019, 96, 77-88.	0.8	57
35	Defined tumor antigen-specific T cells potentiate personalized TCR-T cell therapy and prediction of immunotherapy response. <i>Cell Research</i> , 2022, 32, 530-542.	5.7	54
36	Microarray-based identification of tomato microRNAs and time course analysis of their response to Cucumber mosaic virus infection. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 116-125.	1.3	51

#	ARTICLE	IF	CITATIONS
37	Forkhead Box M1 Transcriptionally Regulates the Expression of Long Noncoding RNAs Snhg8 and Gm26917 to Promote Proliferation and Survival of Muscle Satellite Cells. <i>Stem Cells</i> , 2018, 36, 1097-1108.	1.4	48
38	PBX3 and MEIS1 Cooperate in Hematopoietic Cells to Drive Acute Myeloid Leukemias Characterized by a Core Transcriptome of the <i>MLL</i> -Rearranged Disease. <i>Cancer Research</i> , 2016, 76, 619-629.	0.4	45
39	Targeted inhibition of STAT/TET1 axis as a therapeutic strategy for acute myeloid leukemia. <i>Nature Communications</i> , 2017, 8, 2099.	5.8	45
40	PepCyber:PÂPEP: a database of human protein protein interactions mediated by phosphoprotein-binding domains. <i>Nucleic Acids Research</i> , 2007, 36, D679-D683.	6.5	43
41	InCAR: A Comprehensive Resource for lncRNAs from Cancer Arrays. <i>Cancer Research</i> , 2019, 79, 2076-2083.	0.4	41
42	CvM6A: A Visualization and Exploration Database for m6As in Cell Lines. <i>Cells</i> , 2019, 8, 168.	1.8	40
43	Pan-Cancer Analysis Reveals the Functional Importance of Protein Lysine Modification in Cancer Development. <i>Frontiers in Genetics</i> , 2018, 9, 254.	1.1	39
44	Whole exome and target sequencing identifies MAP2K5 as novel susceptibility gene for familial nonâ€medullary thyroid carcinoma. <i>International Journal of Cancer</i> , 2019, 144, 1321-1330.	2.3	37
45	m6ASNP: a tool for annotating genetic variants by m6A function. <i>GigaScience</i> , 2018, 7, .	3.3	36
46	LINC00842 inactivates transcription co-regulator PGC-1Î± to promote pancreatic cancer malignancy through metabolic remodelling. <i>Nature Communications</i> , 2021, 12, 3830.	5.8	34
47	Olfactomedin 1 negatively regulates <i>NF-Î±</i> signalling and suppresses the growth and metastasis of colorectal cancer cells. <i>Journal of Pathology</i> , 2016, 240, 352-365.	2.1	31
48	BBCancer: an expression atlas of blood-based biomarkers in the early diagnosis of cancers. <i>Nucleic Acids Research</i> , 2020, 48, D789-D796.	6.5	29
49	Genome landscapes of rectal cancer before and after preoperative chemoradiotherapy. <i>Theranostics</i> , 2019, 9, 6856-6866.	4.6	27
50	Rare occurrence of EGFRvIII deletion in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2015, 51, 53-58.	0.8	26
51	IBS 2.0: an upgraded illustrator for the visualization of biological sequences. <i>Nucleic Acids Research</i> , 2022, 50, W420-W426.	6.5	22
52	Genome-wide detection of testis- and testicular cancer-specific alternative splicing. <i>Carcinogenesis</i> , 2007, 28, 2484-2490.	1.3	21
53	Genome-Wide Analysis Reveals Origin of Transfer RNA Genes from tRNA Halves. <i>Molecular Biology and Evolution</i> , 2013, 30, 2087-2098.	3.5	20
54	Identification of an N6-methyladenosine-mediated positive feedback loop that promotes Epsteinâ€Barr virus infection. <i>Journal of Biological Chemistry</i> , 2021, 296, 100547.	1.6	20

#	ARTICLE	IF	CITATIONS
55	Profiling Sex-Specific piRNAs in Zebrafish. <i>Genetics</i> , 2010, 186, 1175-1185.	1.2	19
56	SPENCER: a comprehensive database for small peptides encoded by noncoding RNAs in cancer patients. <i>Nucleic Acids Research</i> , 2022, 50, D1373-D1381.	6.5	17
57	ATXN2-mediated translation of TNFR1 promotes esophageal squamous cell carcinoma via m6A-dependent manner. <i>Molecular Therapy</i> , 2022, 30, 1089-1103.	3.7	17
58	Expression and regulation of long noncoding RNAs during the osteogenic differentiation of periodontal ligament stem cells in the inflammatory microenvironment. <i>Scientific Reports</i> , 2017, 7, 13991.	1.6	16
59	LncPipe: A Nextflow-based pipeline for identification and analysis of long non-coding RNAs from RNA-Seq data. <i>Journal of Genetics and Genomics</i> , 2018, 45, 399-401.	1.7	15
60	RPS: a comprehensive database of RNAs involved in liquid-liquid phase separation. <i>Nucleic Acids Research</i> , 2022, 50, D347-D355.	6.5	15
61	Characterization of Androgen Receptor Structure and Nucleocytoplasmic Shuttling of the Rice Field Eel. <i>Journal of Biological Chemistry</i> , 2010, 285, 37030-37040.	1.6	13
62	Growth factor expression mediates resistance to EGFR inhibitors in head and neck squamous cell carcinomas. <i>Oral Oncology</i> , 2016, 56, 62-70.	0.8	13
63	MesKit: a tool kit for dissecting cancer evolution of multi-region tumor biopsies through somatic alterations. <i>GigaScience</i> , 2021, 10, .	3.3	13
64	Correlation of T-cell inflamed phenotype with mesenchymal subtype, expression of PD-L1, and other immune checkpoints in head and neck cancer.. <i>Journal of Clinical Oncology</i> , 2014, 32, 6009-6009.	0.8	12
65	Synthetic lethal short hairpin RNA screening reveals that ring finger protein 183 confers resistance to trametinib in colorectal cancer cells. <i>Chinese Journal of Cancer</i> , 2017, 36, 63.	4.9	11
66	Genome-wide identification and characterization of circular RNA m6A modification in pancreatic cancer. <i>Genome Medicine</i> , 2021, 13, 183.	3.6	10
67	CrossICC: iterative consensus clustering of cross-platform gene expression data without adjusting batch effect. <i>Briefings in Bioinformatics</i> , 2020, 21, 1818-1824.	3.2	8
68	autoRPA: A web server for constructing cancer staging models by recursive partitioning analysis. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3361-3367.	1.9	8
69	Genomic profiling of kinase genes in head and neck squamous cell carcinomas to identify potentially targetable genetic aberrations in FGFR1/2, DDR2, EPHA2, and PIK3CA.. <i>Journal of Clinical Oncology</i> , 2013, 31, 6010-6010.	0.8	8
70	Poly (ADP-ribose) polymerase inhibitor efficacy in head and neck cancer. <i>Oral Oncology</i> , 2014, 50, 825-831.	0.8	7
71	HNCDDB: An Integrated Gene and Drug Database for Head and Neck Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 371.	1.3	7
72	PTMsnp: A Web Server for the Identification of Driver Mutations That Affect Protein Post-translational Modification. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593661.	1.8	7

#	ARTICLE	IF	CITATIONS
73	Genomic profiling of a clinically annotated cohort of locoregionally advanced head and neck cancers (HNC) treated with definitive chemoradiotherapy.. Journal of Clinical Oncology, 2012, 30, 5517-5517.	0.8	7
74	Global detection and identification of developmental stage specific transcripts in mouse brain using subtractive cross-screening algorithm. Genomics, 2013, 102, 229-236.	1.3	5
75	Fto Plays an Oncogenic Role in Acute Myeloid Leukemia As a N6-Methyladenosine RNA Demethylase. Blood, 2016, 128, 2706-2706.	0.6	5
76	T-cell inflamed phenotype and PDL1 expression in malignant mesothelioma.. Journal of Clinical Oncology, 2014, 32, 7589-7589.	0.8	5
77	Ulcerative Colitis Database. Inflammatory Bowel Diseases, 2015, 21, 1872-1882.	0.9	4
78	VirusMap: A visualization database for the influenza A virus. Journal of Genetics and Genomics, 2017, 44, 281-284.	1.7	4
79	Multimodality determination of HPV status in head and neck cancers (HNC) and development of an HPV signature.. Journal of Clinical Oncology, 2013, 31, 6008-6008.	0.8	4
80	MeRIPseqPipe: an integrated analysis pipeline for MeRIP-seq data based on Nextflow. Bioinformatics, 2022, 38, 2054-2056.	1.8	4
81	G-Protein Subunit Gamma 4 as a Potential Biomarker for Predicting the Response of Chemotherapy and Immunotherapy in Bladder Cancer. Genes, 2022, 13, 693.	1.0	4
82	The Crosstalk Between Malignant Cells and Tumor-Promoting Immune Cells Relevant to Immunotherapy in Pancreatic Ductal Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 821232.	1.8	3
83	Clinical and genomic characterization of neutral tumor evolution in Head and Neck Squamous Cell Carcinoma. Genomics, 2020, 112, 3448-3454.	1.3	2
84	Web-Based Design of Peptide Microarrays Using ¼PepArray Pro. Methods in Molecular Biology, 2009, 570, 391-401.	0.4	2
85	Validation of two biologically distinct HPV-associated head and neck cancer subtypes and correlation with E5 expression.. Journal of Clinical Oncology, 2014, 32, 6031-6031.	0.8	2
86	Patterns of CD8+ T-cell infiltration and immune escape mechanisms in head and neck cancer.. Journal of Clinical Oncology, 2015, 33, 6078-6078.	0.8	2
87	Immune escape correlates with an inflamed phenotype in malignant mesothelioma.. Journal of Clinical Oncology, 2015, 33, 7566-7566.	0.8	2
88	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, .	3.2	2
89	TIRSF: a web server for screening gene signatures to predict Tumor immunotherapy response. Nucleic Acids Research, 2022, 50, W761-W767.	6.5	2
90	Harvey ras (HRAS) mutations in head and neck cancer (HNC) and dependence on PI3K signaling and resistance to EGFR inhibition.. Journal of Clinical Oncology, 2014, 32, 6034-6034.	0.8	1

#	ARTICLE	IF	CITATIONS
91	Effect of FGFR1 on epithelial-mesenchymal transition and EGFR resistance in HNC: A systems biology approach.. Journal of Clinical Oncology, 2014, 32, 6091-6091.	0.8	1
92	Abstract 1847: Influence of growth factors on resistance to EGFR inhibitor treatment in HNSCC - Temsirolimus as a potential concept. , 2014, , .		1
93	Overexpression and Knockout of Mir-126 Both Promote Leukemogenesis through Targeting Distinct Gene Signaling. Blood, 2015, 126, 3667-3667.	0.6	1
94	Targeted Inhibition of STAT/TET1 Axis As a Potent Therapeutic Strategy for Acute Myeloid Leukemia. Blood, 2017, 130, 857-857.	0.6	1
95	IDDF2018-ABS-0233â€¦N6-adenosine methyltransferase METTL3 promotes tumour metastasis via SOX2 MRNA M6A modification in colorectal carcinoma. , 2018, , .		0
96	Abstract LB-398: Detection of copy number alterations in 124 head and neck squamous cell carcinomas using the Nanostring nCounter assay. , 2012, , .		0
97	Abstract 4919: Pathway profiling of head and neck cancer cell lines. , 2012, , .		0
98	Abstract 2832: Fibroblast growth factors in head and neck cancer: Genetic alterations and therapeutic targeting with ponatinib. , 2012, , .		0
99	Correlation of homologous recombination deficiency in head and neck cancer with sensitivity to PARP inhibition.. Journal of Clinical Oncology, 2014, 32, 6094-6094.	0.8	0
100	Abstract 2746: An evaluation of poly (ADP-ribose) polymerase inhibitor efficacy in head and neck cancer. , 2014, , .		0
101	Identification of TET1â€¦miR-22â€¦CREB-MYC Signaling Reveals Potent Tumor-Suppressor Role of Mir-22 in Acute Myeloid Leukemia. Blood, 2014, 124, 886-886.	0.6	0
102	Exploratory analysis of clinical and translational factors associated with the inflamed phenotype in HNSCC.. Journal of Clinical Oncology, 2015, 33, 3031-3031.	0.8	0
103	Comparison of two large, genetically and clinically annotated head and neck cancer (HNC) cohorts (TCGA, CHGC) and differential treatment effects on TP53 mutated, as well as oral cavity cancers.. Journal of Clinical Oncology, 2015, 33, 6080-6080.	0.8	0
104	Correlation of specific genetic aberrations and signaling pathways with T-cell inflamed phenotype (TCIP) in head and neck cancer and as novel candidate biomarkers for checkpoint blockade therapy.. Journal of Clinical Oncology, 2015, 33, 6079-6079.	0.8	0
105	Lncrna-Î»b± Promotes Erythroid Differentiation By Inhibiting NF-Î»b Pathway As a Cerna Against Mir-24-3p in Polycythemia Vera. Blood, 2020, 136, 1-1.	0.6	0