

Xiao-Dong Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,290
citations

361296
20
h-index

265120
42
g-index

46
all docs

46
docs citations

46
times ranked

5494
citing authors

#	ARTICLE	IF	CITATIONS
1	The Oct4 and Nanog transcription network regulates pluripotency in mouse embryonic stem cells. <i>Nature Genetics</i> , 2006, 38, 431-440.	9.4	2,162
2	MALAT1 long ncRNA promotes gastric cancer metastasis by suppressing <i>PCDH10</i> . <i>Oncotarget</i> , 2016, 7, 12693-12703.	0.8	97
3	NUDT21 negatively regulates PSMB2 and CXXC5 by alternative polyadenylation and contributes to hepatocellular carcinoma suppression. <i>Oncogene</i> , 2018, 37, 4887-4900.	2.6	83
4	A semi-supervised deep learning method based on stacked sparse auto-encoder for cancer prediction using RNA-seq data. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 166, 99-105.	2.6	70
5	Characterization and Potential Antitumor Activity of Polysaccharide from <i>Gracilariopsis lemaneiformis</i> . <i>Marine Drugs</i> , 2017, 15, 100.	2.2	64
6	Integrative epigenomic analysis reveals unique epigenetic signatures involved in unipotency of mouse female germline stem cells. <i>Genome Biology</i> , 2016, 17, 162.	3.8	61
7	Characteristic and human exposure risk assessment of per- and polyfluoroalkyl substances: A study based on indoor dust and drinking water in China. <i>Environmental Pollution</i> , 2019, 254, 112873.	3.7	54
8	<i>Helicobacter pylori</i> CagA induces tumor suppressor gene hypermethylation by upregulating DNMT1 via AKT-NF κ B pathway in gastric cancer development. <i>Oncotarget</i> , 2016, 7, 9788-9800.	0.8	53
9	Genome-Wide Plasma Cell-Free DNA Methylation Profiling Identifies Potential Biomarkers for Lung Cancer. <i>Disease Markers</i> , 2019, 2019, 1-7.	0.6	44
10	Genome-wide profiling of polyadenylation sites reveals a link between selective polyadenylation and cancer metastasis. <i>Human Molecular Genetics</i> , 2015, 24, 3410-3417.	1.4	41
11	Activation of AIFM2 enhances apoptosis of human lung cancer cells undergoing toxicological stress. <i>Toxicology Letters</i> , 2016, 258, 227-236.	0.4	34
12	Post-transcriptional regulation of ERBB2 by miR26a/b and HuR confers resistance to tamoxifen in estrogen receptor-positive breast cancer cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 13551-13564.	1.6	34
13	Identification of Biomarkers for Predicting Lymph Node Metastasis of Stomach Cancer Using Clinical DNA Methylation Data. <i>Disease Markers</i> , 2017, 2017, 1-7.	0.6	31
14	Antibody Binding Epitope Mapping (AbMap) of Hundred Antibodies in a Single Run. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100059.	2.5	30
15	CPSF6 links alternative polyadenylation to metabolism adaption in hepatocellular carcinoma progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 85.	3.5	29
16	Transcriptome Profiling Reveals the Antitumor Mechanism of Polysaccharide from Marine Algae <i>Gracilariopsis lemaneiformis</i> . <i>PLoS ONE</i> , 2016, 11, e0158279.	1.1	29
17	Organic UV filters exposure induces the production of inflammatory cytokines in human macrophages. <i>Science of the Total Environment</i> , 2018, 635, 926-935.	3.9	27
18	Large scale gene regulatory network inference with a multi-level strategy. <i>Molecular BioSystems</i> , 2016, 12, 588-597.	2.9	26

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19	Genomic analyses of unique carbohydrate and phytohormone metabolism in the macroalga <i>Gracilariopsis lemaneiformis</i> (Rhodophyta). <i>BMC Plant Biology</i> , 2018, 18, 94.	1.6	25
20	Temporal requirements for ISL1 in sympathetic neuron proliferation, differentiation, and diversification. <i>Cell Death and Disease</i> , 2018, 9, 247.	2.7	23
21	An array of 60,000 antibodies for proteome-scale antibody generation and target discovery. <i>Science Advances</i> , 2020, 6, eaax2271.	4.7	22
22	The histone chaperone complex FACT promotes proliferative switch of G0 cancer cells. <i>International Journal of Cancer</i> , 2019, 145, 164-178.	2.3	20
23	Epigenetic Profiling of H3K4Me3 Reveals Herbal Medicine Jinfukang-Induced Epigenetic Alteration Is Involved in Anti-Lung Cancer Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 1-13.	0.5	16
24	Herbal formula YYJD inhibits tumor growth by inducing cell cycle arrest and senescence in lung cancer. <i>Scientific Reports</i> , 2017, 7, 4984.	1.6	16
25	PLZF suppresses differentiation of mouse spermatogonial progenitor cells via binding of differentiation associated genes. <i>Journal of Cellular Physiology</i> , 2020, 235, 3033-3042.	2.0	16
26	Breast Cancer Diagnosis Using an Unsupervised Feature Extraction Algorithm Based on Deep Learning. , 2018, , .		15
27	Jinfukang induces cellular apoptosis through activation of Fas and DR4 in A549 cells. <i>Oncology Letters</i> , 2018, 16, 4343-4352.	0.8	15
28	Characterization of Genome-Wide DNA Methylation and Hydroxymethylation in Mouse Arcuate Nucleus of Hypothalamus During Puberty Process. <i>Frontiers in Genetics</i> , 2020, 11, 626536.	1.1	15
29	Ultra-deep sequencing of ribosome-associated poly-adenylated RNA in early <i>Drosophila</i> embryos reveals hundreds of conserved translated sORFs. <i>DNA Research</i> , 2016, 23, 571-580.	1.5	14
30	An expression based REST signature predicts patient survival and therapeutic response for glioblastoma multiforme. <i>Scientific Reports</i> , 2016, 6, 34556.	1.6	14
31	Busulfan Suppresses Autophagy in Mouse Spermatogonial Progenitor Cells via mTOR of AKT and p53 Signaling Pathways. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1242-1255.	1.7	14
32	Systematic profiling of SARS-CoV-2-specific IgG epitopes at amino acid resolution. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1067-1069.	4.8	14
33	Identification of Serum Biomarkers for Systemic Lupus Erythematosus Using a Library of Phage Displayed Random Peptides and Deep Sequencing. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1851-1863.	2.5	13
34	Herbal formula Yangyinjiedu induces lung cancer cell apoptosis via activation of early growth response 1. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6193-6202.	1.6	12
35	CPF impedes cell cycle re-entry of quiescent lung cancer cells through transcriptional suppression of FACT and c-MYC. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2229-2239.	1.6	11
36	STAT3 is required for proliferation and exhibits a cell type-specific binding preference in mouse female germline stem cells. <i>Molecular Omics</i> , 2018, 14, 95-102.	1.4	9

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37	Genome-wide analysis of cell-Free DNA methylation profiling with MeDIP-seq identified potential biomarkers for colorectal cancer. <i>World Journal of Surgical Oncology</i> , 2022, 20, 21.	0.8	9
38	Genome-Wide Profiling Reveals That Herbal Medicine Jinfukang-Induced Polyadenylation Alteration Is Involved in Anti-Lung Cancer Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	0.5	8
39	CAsubtype: An R Package to Identify Gene Sets Predictive of Cancer Subtypes and Clinical Outcomes. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2018, 10, 169-175.	2.2	5
40	The binding epitope of sintilimab on PD-1 revealed by AbMap. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 628-635.	0.9	5
41	Analysis of chromatin accessibility in <i>p53</i> deficient spermatogonial stem cells for high frequency transformation into pluripotent state. <i>Cell Proliferation</i> , 2022, 55, e13195.	2.4	5
42	Integrative RNA-Seq and ATAC-Seq Analysis Reveals the Migration-Associated Genes Involved in Antitumor Effects of Herbal Medicine Feiyanning on Lung Cancer Cells. <i>Frontiers in Genetics</i> , 2021, 12, 799099.	1.1	4
43	Unexpected roles of long non-coding RNAs in cancer biology. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2014, 19, 544-549.	0.5	1
44	Enhancing the effectiveness of fungicides by optimizing their combinations. , 2014, , .		0
45	165â€¦Identification of serum biomarkers for systemic lupus erythematosus using a library of phage displayed random peptides and deep sequencing. , 2019, , .		0
46	Transcriptome-wide alternative polyadenylation profiling reveals the herbal formula Yangyinjiadu-induced preferential poly(A) usage in lung adenocarcinoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1171-1174.	0.9	0