Xiao-Dong Zhao

List of Publications by Year
in descending order

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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	Genome-wide analysis of cell-Free DNA methylation profiling with MeDIP-seq identified potential biomarkers for colorectal cancer. World Journal of Surgical Oncology, 2022, 20, 21.	0.8	9
2	Analysis of chromatin accessibility in p53 deficient spermatogonial stem cells for high frequency transformation into pluripotent state. Cell Proliferation, 2022, 55, e13195.	2.4	5
3	Antibody Binding Epitope Mapping (AbMap) of Hundred Antibodies in a Single Run. Molecular and Cellular Proteomics, 2021, 20, 100059.	2.5	30
4	The binding epitope of sintilimab on PD-1 revealed by AbMap. Acta Biochimica Et Biophysica Sinica, 2021, 53, 628-635.	0.9	5
5	CPSF6 links alternative polyadenylation to metabolism adaption in hepatocellular carcinoma progression. Journal of Experimental and Clinical Cancer Research, 2021, 40, 85.	3.5	29
6	Systematic profiling of SARS-CoV-2-specific IgG epitopes at amino acid resolution. Cellular and Molecular Immunology, 2021, 18, 1067-1069.	4.8	14
7	Integrative RNA-Seq and ATAC-Seq Analysis Reveals the Migration-Associated Genes Involved in Antitumor Effects of Herbal Medicine Feiyanning on Lung Cancer Cells. Frontiers in Genetics, 2021, 12, 799099.	1.1	4
8	PLZF suppresses differentiation of mouse spermatogonial progenitor cells via binding of differentiation associated genes. Journal of Cellular Physiology, 2020, 235, 3033-3042.	2.0	16
9	Transcriptome-wide alternative polyadenylation profiling reveals the herbal formula Yangyinjiedu-induced preferential poly(A) usage in lung adenocarcinoma cells. Acta Biochimica Et Biophysica Sinica, 2020, 52, 1171-1174.	0.9	0
10	Busulfan Suppresses Autophagy in Mouse Spermatogonial Progenitor Cells via mTOR of AKT and p53 Signaling Pathways. Stem Cell Reviews and Reports, 2020, 16, 1242-1255.	1.7	14
11	Characterization of Genome-Wide DNA Methylation and Hydroxymethylation in Mouse Arcuate Nucleus of Hypothalamus During Puberty Process. Frontiers in Genetics, 2020, 11, 626536.	1.1	15
12	An array of 60,000 antibodies for proteome-scale antibody generation and target discovery. Science Advances, 2020, 6, eaax2271.	4.7	22
13	CPF impedes cell cycle reâ€entry of quiescent lung cancer cells through transcriptional suppression of FACT and câ€MYC. Journal of Cellular and Molecular Medicine, 2020, 24, 2229-2239.	1.6	11
14	Identification of Serum Biomarkers for Systemic Lupus Erythematosus Using a Library of Phage Displayed Random Peptides and Deep Sequencing. Molecular and Cellular Proteomics, 2019, 18, 1851-1863.	2.5	13
15	Characteristic and human exposure risk assessment of per- and polyfluoroalkyl substances: A study based on indoor dust and drinking water in China. Environmental Pollution, 2019, 254, 112873.	3.7	54
16	Herbal formula Yangyinjiedu induces lung cancer cell apoptosis via activation of early growth response 1. Journal of Cellular and Molecular Medicine, 2019, 23, 6193-6202.	1.6	12
17	Genome-Wide Plasma Cell-Free DNA Methylation Profiling Identifies Potential Biomarkers for Lung Cancer. Disease Markers, 2019, 2019, 1-7.	0.6	44
18	165â€...Identification of serum biomarkers for systemic lupus erythematosus using a library of phage displayed random peptides and deep sequencing. , 2019, , .		0

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19	The histone chaperone complex FACT promotes proliferative switch of G 0 cancer cells. International Journal of Cancer, 2019, 145, 164-178.	2.3	20
20	STAT3 is required for proliferation and exhibits a cell type-specific binding preference in mouse female germline stem cells. Molecular Omics, 2018, 14, 95-102.	1.4	9
21	Temporal requirements for ISL1 in sympathetic neuron proliferation, differentiation, and diversification. Cell Death and Disease, 2018, 9, 247.	2.7	23
22	Organic UV filters exposure induces the production of inflammatory cytokines in human macrophages. Science of the Total Environment, 2018, 635, 926-935.	3.9	27
23	CAsubtype: An R Package to Identify Gene Sets Predictive of Cancer Subtypes and Clinical Outcomes. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 169-175.	2.2	5
24	Breast Cancer Diagnosis Using an Unsupervised Feature Extraction Algorithm Based on Deep Learning. , 2018, , .		15
25	A semi-supervised deep learning method based on stacked sparse auto-encoder for cancer prediction using RNA-seq data. Computer Methods and Programs in Biomedicine, 2018, 166, 99-105.	2.6	70
26	Jinfukang induces cellular apoptosis through activation of Fas and DR4 in A549 cells. Oncology Letters, 2018, 16, 4343-4352.	0.8	15
27	NUDT21 negatively regulates PSMB2 and CXXC5 by alternative polyadenylation and contributes to hepatocellular carcinoma suppression. Oncogene, 2018, 37, 4887-4900.	2.6	83
28	Genomic analyses of unique carbohydrate and phytohormone metabolism in the macroalga Gracilariopsis lemaneiformis (Rhodophyta). BMC Plant Biology, 2018, 18, 94.	1.6	25
29	Post-transcriptional regulation of ERBB2 by miR26a/b and HuR confers resistance to tamoxifen in estrogen receptor-positive breast cancer cells. Journal of Biological Chemistry, 2017, 292, 13551-13564.	1.6	34
30	Herbal formula YYJD inhibits tumor growth by inducing cell cycle arrest and senescence in lung cancer. Scientific Reports, 2017, 7, 4984.	1.6	16
31	Characterization and Potential Antitumor Activity of Polysaccharide from Gracilariopsis lemaneiformis. Marine Drugs, 2017, 15, 100.	2.2	64
32	Identification of Biomarkers for Predicting Lymph Node Metastasis of Stomach Cancer Using Clinical DNA Methylation Data. Disease Markers, 2017, 2017, 1-7.	0.6	31
33	Genome-Wide Profiling Reveals That Herbal Medicine Jinfukang-Induced Polyadenylation Alteration Is Involved in Anti-Lung Cancer Activity. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-8.	0.5	8
34	MALAT1 long ncRNA promotes gastric cancer metastasis by suppressing PCDH10. Oncotarget, 2016, 7, 12693-12703.	0.8	97
35	Ultra-deep sequencing of ribosome-associated poly-adenylated RNA in earlyDrosophilaembryos reveals hundreds of conserved translated sORFs. DNA Research, 2016, 23, 571-580.	1.5	14
36	Epigenetic Profiling of H3K4Me3 Reveals Herbal Medicine Jinfukang-Induced Epigenetic Alteration Is Involved in Anti-Lung Cancer Activity. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-13.	0.5	16

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37	Activation of AIFM2 enhances apoptosis of human lung cancer cells undergoing toxicological stress. Toxicology Letters, 2016, 258, 227-236.	0.4	34
38	An expression based REST signature predicts patient survival and therapeutic response for glioblastoma multiforme. Scientific Reports, 2016, 6, 34556.	1.6	14
39	Integrative epigenomic analysis reveals unique epigenetic signatures involved in unipotency of mouse female germline stem cells. Genome Biology, 2016, 17, 162.	3.8	61
40	Large scale gene regulatory network inference with a multi-level strategy. Molecular BioSystems, 2016, 12, 588-597.	2.9	26
41	Transcriptome Profiling Reveals the Antitumor Mechanism of Polysaccharide from Marine Algae Gracilariopsis lemaneiformis. PLoS ONE, 2016, 11, e0158279.	1.1	29
42	Helicobacter pylori CagA induces tumor suppressor gene hypermethylation by upregulating DNMT1 via AKT-NFÎºB pathway in gastric cancer development. Oncotarget, 2016, 7, 9788-9800.	0.8	53
43	Genome-wide profiling of polyadenylation sites reveals a link between selective polyadenylation and cancer metastasis. Human Molecular Genetics, 2015, 24, 3410-3417.	1.4	41
44	Enhancing the effectiveness of fungicides by optimizing their combinations. , 2014, , .		0
45	Unexpected roles of long non-coding RNAs in cancer biology. Journal of Shanghai Jiaotong University (Science), 2014, 19, 544-549.	0.5	1
46	The Oct4 and Nanog transcription network regulates pluripotency in mouse embryonic stem cells. Nature Genetics, 2006, 38, 431-440.	9.4	2,162