

Xun Lan

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,268
citations

257450

24
h-index

265206

42
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43
all docs

43
docs citations

43
times ranked

4708
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylation QTLs Are Associated with Coordinated Changes in Transcription Factor Binding, Histone Modifications, and Gene Expression Levels. <i>PLoS Genetics</i> , 2014, 10, e1004663.	3.5	255
2	iDNA-Prot dis: Identifying DNA-Binding Proteins by Incorporating Amino Acid Distance-Pairs and Reduced Alphabet Profile into the General Pseudo Amino Acid Composition. <i>PLoS ONE</i> , 2014, 9, e106691.	2.5	242
3	Functional and genetic analysis of viral receptor ACE2 orthologs reveals a broad potential host range of SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	168
4	Coregulation of tandem duplicate genes slows evolution of subfunctionalization in mammals. <i>Science</i> , 2016, 352, 1009-1013.	12.6	164
5	Caffeine protects against MPTP-induced blood-brain barrier dysfunction in mouse striatum. <i>Journal of Neurochemistry</i> , 2008, 107, 1147-1157.	3.9	155
6	An immune-related gene signature for predicting survival and immunotherapy efficacy in hepatocellular carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 967-979.	4.2	103
7	Integration of Hi-C and ChIP-seq data reveals distinct types of chromatin linkages. <i>Nucleic Acids Research</i> , 2012, 40, 7690-7704.	14.5	94
8	Genomic Targets of the KRAB and SCAN Domain-containing Zinc Finger Protein 263. <i>Journal of Biological Chemistry</i> , 2010, 285, 1393-1403.	3.4	86
9	Agonist and antagonist switch DNA motifs recognized by human androgen receptor in prostate cancer. <i>EMBO Journal</i> , 2015, 34, 502-516.	7.8	74
10	Neurogenic responses to amyloid-beta plaques in the brain of Alzheimer's disease-like transgenic (pPDGF-APP ^{Sw,Ind}) mice. <i>Neurobiology of Disease</i> , 2008, 29, 71-80.	4.4	73
11	Expression Profiling and Validation of Potential Reference Genes During <i>Paralichthys olivaceus</i> Embryogenesis. <i>Marine Biotechnology</i> , 2008, 10, 310-318.	2.4	69
12	High Resolution Detection and Analysis of CpG Dinucleotides Methylation Using MBD-Seq Technology. <i>PLoS ONE</i> , 2011, 6, e22226.	2.5	69
13	Epigenetic Silencing Mediated through Activated PI3K/AKT Signaling in Breast Cancer. <i>Cancer Research</i> , 2011, 71, 1752-1762.	0.9	56
14	Mutant Kras co-opts a proto-oncogenic enhancer network in inflammation-induced metaplastic progenitor cells to initiate pancreatic cancer. <i>Nature Cancer</i> , 2021, 2, 49-65.	13.2	54
15	Multivalent epigenetic marks confer microenvironment-responsive epigenetic plasticity to ovarian cancer cells. <i>Epigenetics</i> , 2010, 5, 716-729.	2.7	51
16	p53-mediated control of aspartate-asparagine homeostasis dictates LKB1 activity and modulates cell survival. <i>Nature Communications</i> , 2020, 11, 1755.	12.8	50
17	Amplification of Distant Estrogen Response Elements Deregulates Target Genes Associated with Tamoxifen Resistance in Breast Cancer. <i>Cancer Cell</i> , 2013, 24, 197-212.	16.8	49
18	Evidence for Weak Selective Constraint on Human Gene Expression. <i>Genetics</i> , 2019, 211, 757-772.	2.9	48

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19	Increased EID1 nuclear translocation impairs synaptic plasticity and memory function associated with pathogenesis of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2012, 45, 902-912.	4.4	40
20	Frequent nonallelic gene conversion on the human lineage and its effect on the divergence of gene duplicates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12779-12784.	7.1	37
21	Identification of chimeric TSNAX-DISC1 resulting from intergenic splicing in endometrial carcinoma through high-throughput RNA sequencing. <i>Carcinogenesis</i> , 2014, 35, 2687-2697.	2.8	36
22	Aberrant NAD+ metabolism underlies Zika virus-induced microcephaly. <i>Nature Metabolism</i> , 2021, 3, 1109-1124.	11.9	33
23	The isolation and characterization of myostatin gene in Japanese flounder (<i>Paralichthys olivaceus</i>): Ubiquitous tissue expression and developmental specific regulation. <i>Aquaculture</i> , 2008, 280, 247-255.	3.5	30
24	Guizhi Fuling Decoction inhibiting the PI3K and MAPK pathways in breast cancer cells revealed by HTS2 technology and systems pharmacology. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1121-1136.	4.1	27
25	Computational analysis reveals a correlation of exon-skipping events with splicing, transcription and epigenetic factors. <i>Nucleic Acids Research</i> , 2014, 42, 2856-2869.	14.5	26
26	A large-scale transcriptional study reveals inhibition of COVID-19 related cytokine storm by traditional Chinese medicines. <i>Science Bulletin</i> , 2021, 66, 884-888.	9.0	24
27	Prevalence of phase variable epigenetic invertons among host-associated bacteria. <i>Nucleic Acids Research</i> , 2020, 48, 11468-11485.	14.5	20
28	Tumor-derived Jagged1 promotes cancer progression through immune evasion. <i>Cell Reports</i> , 2022, 38, 110492.	6.4	18
29	H3K18ac Primes Mesendodermal Differentiation upon Nodal Signaling. <i>Stem Cell Reports</i> , 2019, 13, 642-656.	4.8	16
30	Quasispecies of SARS-CoV-2 revealed by single nucleotide polymorphisms (SNPs) analysis. <i>Virulence</i> , 2021, 12, 1209-1226.	4.4	16
31	Rapid screening of TCR-pMHC interactions by the YAMTAD system. <i>Cell Discovery</i> , 2022, 8, 30.	6.7	16
32	LOCating Non-Unique matched Tags (LONUT) to Improve the Detection of the Enriched Regions for ChIP-seq Data. <i>PLoS ONE</i> , 2013, 8, e67788.	2.5	12
33	Chrom-Lasso: a lasso regression-based model to detect functional interactions using Hi-C data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	10
34	SIGNET: single-cell RNA-seq-based gene regulatory network prediction using multiple-layer perceptron bagging. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	9
35	Uncovering Transcription Factor Modules Using One- and Three-dimensional Analyses. <i>Journal of Biological Chemistry</i> , 2012, 287, 30914-30921.	3.4	7
36	Chromatin-associated APC regulates gene expression in collaboration with canonical WNT signaling and AP-1. <i>Oncotarget</i> , 2018, 9, 31214-31230.	1.8	7

#	ARTICLE	IF	CITATIONS
37	The coSIR model predicts effective strategies to limit the spread of SARS-CoV-2 variants with low severity and high transmissibility. <i>Nonlinear Dynamics</i> , 2021, 105, 2757-2773.	5.2	6
38	Novel technologies in cfDNA analysis and potential utility in clinic. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2021, 33, 708-718.	2.2	5
39	Genome-wide evolution analysis reveals low CpG contents of fast-evolving genes and identifies antiviral microRNAs. <i>Journal of Genetics and Genomics</i> , 2020, 47, 49-60.	3.9	4
40	Knockout of immunotherapy prognostic marker genes eliminates the effect of the anti-PD-1 treatment. <i>Npj Precision Oncology</i> , 2021, 5, 37.	5.4	4
41	Experimental and Computational Challenges from Array-Based to Sequence-Based ChIP Techniques. <i>Current Bioinformatics</i> , 2012, 7, 447-453.	1.5	2
42	MetR is a molecular adaptor for pneumococcal carriage in the healthy upper airway. <i>Molecular Microbiology</i> , 2021, 116, 438-458.	2.5	2