

Fengbiao Mao

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,119
citations

393982

19
h-index

454577

30
g-index

46
all docs

46
docs citations

46
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	HOXA9 Reprograms the Enhancer Landscape to Promote Leukemogenesis. <i>Cancer Cell</i> , 2018, 34, 643-658.e5.	7.7	94
2	Genetic landscape of papillary thyroid carcinoma in the Chinese population. <i>Journal of Pathology</i> , 2018, 244, 215-226.	2.1	90
3	Anti-Friction MSCs Delivery System Improves the Therapy for Severe Osteoarthritis. <i>Advanced Materials</i> , 2021, 33, e2104758.	11.1	66
4	OncoVar: an integrated database and analysis platform for oncogenic driver variants in cancers. <i>Nucleic Acids Research</i> , 2021, 49, D1289-D1301.	6.5	64
5	Transcriptomic signature associated with carcinogenesis and aggressiveness of papillary thyroid carcinoma. <i>Theranostics</i> , 2018, 8, 4345-4358.	4.6	63
6	TET1 modulates H4K16 acetylation by controlling auto-acetylation of hMOF to affect gene regulation and DNA repair function. <i>Nucleic Acids Research</i> , 2017, 45, 672-684.	6.5	56
7	RBP-Var: a database of functional variants involved in regulation mediated by RNA-binding proteins. <i>Nucleic Acids Research</i> , 2016, 44, D154-D163.	6.5	52
8	Population Genomics Reveals Speciation and Introgression between Brown Norway Rats and Their Sibling Species. <i>Molecular Biology and Evolution</i> , 2017, 34, 2214-2228.	3.5	47
9	RNAi-dependent Polycomb repression controls transposable elements in <i>Tetrahymena</i> . <i>Genes and Development</i> , 2019, 33, 348-364.	2.7	42
10	ER-associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity. <i>Blood</i> , 2020, 136, 2975-2986.	0.6	40
11	Ras-induced Epigenetic Inactivation of the RRAD (Ras-related Associated with Diabetes) Gene Promotes Glucose Uptake in a Human Ovarian Cancer Model. <i>Journal of Biological Chemistry</i> , 2014, 289, 14225-14238.	1.6	37
12	Anxiety-Related Behaviours Associated with microRNA-206-3p and BDNF Expression in Pregnant Female Mice Following Psychological Social Stress. <i>Molecular Neurobiology</i> , 2018, 55, 1097-1111.	1.9	37
13	Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. <i>Cell Stem Cell</i> , 2020, 27, 441-458.e10.	5.2	37
14	OncoBase: a platform for decoding regulatory somatic mutations in human cancers. <i>Nucleic Acids Research</i> , 2019, 47, D1044-D1055.	6.5	33
15	Prevalence and architecture of posttranscriptionally impaired synonymous mutations in 8,320 genomes across 22 cancer types. <i>Nucleic Acids Research</i> , 2020, 48, 1192-1205.	6.5	31
16	CirGRDB: a database for the genome-wide deciphering circadian genes and regulators. <i>Nucleic Acids Research</i> , 2018, 46, D64-D70.	6.5	29
17	A Polycomb repressive complex is required for RNAi-mediated heterochromatin formation and dynamic distribution of nuclear bodies. <i>Nucleic Acids Research</i> , 2021, 49, 5407-5425.	6.5	27
18	Q-RRBS: a quantitative reduced representation bisulfite sequencing method for single-cell methylome analyses. <i>Epigenetics</i> , 2015, 10, 775-783.	1.3	23

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19	Functional analysis of the methyltransferase SMYD in the single-cell model organism <i>Tetrahymena thermophila</i> . <i>Marine Life Science and Technology</i> , 2020, 2, 109-122.	1.8	22
20	Mechanism for DPY30 and ASH2L intrinsically disordered regions to modulate the MLL/SET1 activity on chromatin. <i>Nature Communications</i> , 2021, 12, 2953.	5.8	21
21	CircleBase: an integrated resource and analysis platform for human eccDNAs. <i>Nucleic Acids Research</i> , 2022, 50, D72-D82.	6.5	20
22	AI-Driver: an ensemble method for identifying driver mutations in personal cancer genomes. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa084.	1.5	19
23	Comprehensive evaluation of computational methods for predicting cancer driver genes. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	19
24	Transcriptomic signatures and repurposing drugs for COVID-19 patients: findings of bioinformatics analyses. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1-15.	1.9	18
25	EpiDenovo: a platform for linking regulatory de novo mutations to developmental epigenetics and diseases. <i>Nucleic Acids Research</i> , 2018, 46, D92-D99.	6.5	17
26	p53 Integrates Temporal WDR5 Inputs during Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2020, 30, 465-480.e6.	2.9	17
27	Discovery of first-in-class inhibitors of ASH1L histone methyltransferase with anti-leukemic activity. <i>Nature Communications</i> , 2021, 12, 2792.	5.8	17
28	Comparative RNA-seq analysis reveals potential mechanisms mediating the conversion to androgen independence in an LNCaP progression cell model. <i>Cancer Letters</i> , 2014, 342, 130-138.	3.2	16
29	Whole-Genome Sequencing Reveals Genetic Variation in the Asian House Rat. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1969-1977.	0.8	8
30	Whole-exome sequencing identifies a somatic missense mutation of NBN in clear cell sarcoma of the salivary gland. <i>Oncology Reports</i> , 2016, 35, 3349-3356.	1.2	8
31	MLL1 Inhibition and Vitamin D Signaling Cooperate to Facilitate the Expanded Pluripotency State. <i>Cell Reports</i> , 2019, 29, 2659-2671.e6.	2.9	8
32	Identification of a novel missense (C7W) mutation of SOD1 in a large familial amyotrophic lateral sclerosis pedigree. <i>Neurobiology of Aging</i> , 2014, 35, 725.e11-725.e15.	1.5	6
33	MBRidge: an accurate and cost-effective method for profiling DNA methylome at single-base resolution. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 299-313.	1.5	5
34	Genome-wide identification and divergent transcriptional expression of StAR-related lipid transfer (START) genes in teleosts. <i>Gene</i> , 2013, 519, 18-25.	1.0	4
35	A Bayesian Framework to Identify Methylcytosines from High-Throughput Bisulfite Sequencing Data. <i>PLoS Computational Biology</i> , 2014, 10, e1003853.	1.5	4
36	p53 inactivation unmasks histone methylation-independent WDR5 functions that drive self-renewal and differentiation of pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 2642-2658.	2.3	4

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37	A novel 10-base pair insertion mutation in exon 5 of the SOD1 gene in a Chinese family with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2016, 45, 212.e1-212.e4.	1.5	3
38	Prenatal witness stress induces intergenerational anxiety-like behaviors and altered gene expression profiles in male mice. <i>Neuropharmacology</i> , 2022, 202, 108857.	2.0	3
39	Natural Products as a Source for New Leads in Depression Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-2.	0.5	3
40	Genetic association and single-cell transcriptome analyses reveal distinct features connecting autoimmunity with cancers. <i>IScience</i> , 2022, 25, 104631.	1.9	3
41	p53 Coordinates Temporal WDR5 Inputs During Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
42	Identification and analysis of intermediate-size noncoding RNAs in the rhesus macaque fetal brain. <i>Journal of Genetics and Genomics</i> , 2017, 44, 171-174.	1.7	0
43	Transcriptomic Signatures and Immunomodulatory Treatments for COVID-19 Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0