

# Fengbiao Mao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

561

citations

14

h-index

22

g-index

46

ext. papers

878

ext. citations

10.4

avg, IF

3.79

L-index

#	Paper	IF	Citations
38	Prenatal witness stress induces intergenerational anxiety-like behaviors and altered gene expression profiles in male mice. <i>Neuropharmacology</i> , <b>2022</b> , 202, 108857	5.5	2
37	Anti-Friction MSCs Delivery System Improves the Therapy for Severe Osteoarthritis. <i>Advanced Materials</i> , <b>2021</b> , e2104758	24	7
36	p53 inactivation unmask histone methylation-independent WDR5 functions that drive self-renewal and differentiation of pluripotent stem cells. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 2642-2658	8	0
35	Discovery of first-in-class inhibitors of ASH1L histone methyltransferase with anti-leukemic activity. <i>Nature Communications</i> , <b>2021</b> , 12, 2792	17.4	4
34	Mechanism for DPY30 and ASH2L intrinsically disordered regions to modulate the MLL/SET1 activity on chromatin. <i>Nature Communications</i> , <b>2021</b> , 12, 2953	17.4	2
33	OncoVar: an integrated database and analysis platform for oncogenic driver variants in cancers. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D1289-D1301	20.1	18
32	Transcriptomic signatures and repurposing drugs for COVID-19 patients: findings of bioinformatics analyses. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 1-15	6.8	11
31	A Polycomb repressive complex is required for RNAi-mediated heterochromatin formation and dynamic distribution of nuclear bodies. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 5407-5425	20.1	6
30	ER-associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity. <i>Blood</i> , <b>2020</b> , 136, 2975-2986	2.2	12
29	Functional analysis of the methyltransferase SMYD in the single-cell model organism <i>Tetrahymena thermophila</i> . <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 109-122	4.5	12
28	Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. <i>Cell Stem Cell</i> , <b>2020</b> , 27, 441-458.e10	18	13
27	p53 Integrates Temporal WDR5 Inputs during Neuroectoderm and Mesoderm Differentiation of Mouse Embryonic Stem Cells. <i>Cell Reports</i> , <b>2020</b> , 30, 465-480.e6	10.6	7
26	Prevalence and architecture of posttranscriptionally impaired synonymous mutations in 8,320 genomes across 22 cancer types. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 1192-1205	20.1	14
25	AI-Driver: an ensemble method for identifying driver mutations in personal cancer genomes. <i>NAR Genomics and Bioinformatics</i> , <b>2020</b> , 2, lqaa084	3.7	3
24	OncoBase: a platform for decoding regulatory somatic mutations in human cancers. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, D1044-D1055	20.1	18
23	RNAi-dependent repression controls transposable elements in. <i>Genes and Development</i> , <b>2019</b> , 33, 348-364.6	11.6	31
22	MLL1 Inhibition and Vitamin D Signaling Cooperate to Facilitate the Expanded Pluripotency State. <i>Cell Reports</i> , <b>2019</b> , 29, 2659-2671.e6	10.6	5

21	CirGRDB: a database for the genome-wide deciphering circadian genes and regulators. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, D64-D70	20.1	19
20	Anxiety-Related Behaviours Associated with microRNA-206-3p and BDNF Expression in Pregnant Female Mice Following Psychological Social Stress. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 1097-1111	6.2	28
19	EpiDenovo: a platform for linking regulatory de novo mutations to developmental epigenetics and diseases. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, D92-D99	20.1	11
18	Transcriptomic signature associated with carcinogenesis and aggressiveness of papillary thyroid carcinoma. <i>Theranostics</i> , <b>2018</b> , 8, 4345-4358	12.1	41
17	Genetic landscape of papillary thyroid carcinoma in the Chinese population. <i>Journal of Pathology</i> , <b>2018</b> , 244, 215-226	9.4	56
16	HOXA9 Reprograms the Enhancer Landscape to Promote Leukemogenesis. <i>Cancer Cell</i> , <b>2018</b> , 34, 643-658	24.5	51
15	Identification and analysis of intermediate-size noncoding RNAs in the rhesus macaque fetal brain. <i>Journal of Genetics and Genomics</i> , <b>2017</b> , 44, 171-174	4	
14	Population Genomics Reveals Speciation and Introgression between Brown Norway Rats and Their Sibling Species. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 2214-2228	8.3	30
13	TET1 modulates H4K16 acetylation by controlling auto-acetylation of hMOF to affect gene regulation and DNA repair function. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 672-684	20.1	32
12	RBP-Var: a database of functional variants involved in regulation mediated by RNA-binding proteins. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, D154-63	20.1	31
11	Whole-Genome Sequencing Reveals Genetic Variation in the Asian House Rat. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 1969-77	3.2	6
10	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> , <b>2016</b> , 45, 212.e1-212.e4	5.6	3
9	Whole-exome sequencing identifies a somatic missense mutation of NBN in clear cell sarcoma of the salivary gland. <i>Oncology Reports</i> , <b>2016</b> , 35, 3349-56	3.5	7
8	Q-RRBS: a quantitative reduced representation bisulfite sequencing method for single-cell methylome analyses. <i>Epigenetics</i> , <b>2015</b> , 10, 775-83	5.7	18
7	MBRidge: an accurate and cost-effective method for profiling DNA methylome at single-base resolution. <i>Journal of Molecular Cell Biology</i> , <b>2015</b> , 7, 299-313	6.3	4
6	Comparative RNA-seq analysis reveals potential mechanisms mediating the conversion to androgen independence in an LNCaP progression cell model. <i>Cancer Letters</i> , <b>2014</b> , 342, 130-8	9.9	16
5	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> , <b>2014</b> , 289, 14225-38	5.4	24
4	Identification of a novel missense (C7W) mutation of SOD1 in a large familial amyotrophic lateral sclerosis pedigree. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 725.e11-5	5.6	6

3	A Bayesian framework to identify methylcytosines from high-throughput bisulfite sequencing data. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003853	5	3
2	Genome-wide identification and divergent transcriptional expression of StAR-related lipid transfer (START) genes in teleosts. <i>Gene</i> , <b>2013</b> , 519, 18-25	3.8	4
1	Endoplasmic reticulum associated degradation preserves hematopoietic stem cell quiescence and self-renewal by restricting mTOR activity		1