

# Zhibin Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

13,780  
citations

236612

25  
h-index

315357

38  
g-index

44  
all docs

44  
docs citations

44  
times ranked

19666  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution Profiling of Histone Methylations in the Human Genome. <i>Cell</i> , 2007, 129, 823-837.	13.5	6,036
2	Combinatorial patterns of histone acetylations and methylations in the human genome. <i>Nature Genetics</i> , 2008, 40, 897-903.	9.4	2,034
3	Dynamic Regulation of Nucleosome Positioning in the Human Genome. <i>Cell</i> , 2008, 132, 887-898.	13.5	1,211
4	Genome-wide Mapping of HATs and HDACs Reveals Distinct Functions in Active and Inactive Genes. <i>Cell</i> , 2009, 138, 1019-1031.	13.5	1,174
5	Dual functions of Tet1 in transcriptional regulation in mouse embryonic stem cells. <i>Nature</i> , 2011, 473, 389-393.	13.7	581
6	Genome-wide analysis of 5-hydroxymethylcytosine distribution reveals its dual function in transcriptional regulation in mouse embryonic stem cells. <i>Genes and Development</i> , 2011, 25, 679-684.	2.7	488
7	Small Molecule Inhibitor of NRF2 Selectively Intervenes Therapeutic Resistance in KEAP1-Deficient NSCLC Tumors. <i>ACS Chemical Biology</i> , 2016, 11, 3214-3225.	1.6	364
8	Histone H4K20/H3K9 demethylase PHF8 regulates zebrafish brain and craniofacial development. <i>Nature</i> , 2010, 466, 503-507.	13.7	263
9	Genome-wide Analysis of Histone Methylation Reveals Chromatin State-Based Regulation of Gene Transcription and Function of Memory CD8+ T Cells. <i>Immunity</i> , 2009, 30, 912-925.	6.6	256
10	Determination of enriched histone modifications in non-genic portions of the human genome. <i>BMC Genomics</i> , 2009, 10, 143.	1.2	182
11	Characterization of human epigenomes. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 127-134.	1.5	144
12	PTIP Promotes Chromatin Changes Critical for Immunoglobulin Class Switch Recombination. <i>Science</i> , 2010, 329, 917-923.	6.0	137
13	ZMYND8 Reads the Dual Histone Mark H3K4me1-H3K14ac to Antagonize the Expression of Metastasis-Linked Genes. <i>Molecular Cell</i> , 2016, 63, 470-484.	4.5	112
14	The NIEHS TaRGET II Consortium and environmental epigenomics. <i>Nature Biotechnology</i> , 2018, 36, 225-227.	9.4	79
15	Elusive inheritance: Transgenerational effects and epigenetic inheritance in human environmental disease. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 118, 44-54.	1.4	72
16	Distinct roles of DNMT1-dependent and DNMT1-independent methylation patterns in the genome of mouse embryonic stem cells. <i>Genome Biology</i> , 2015, 16, 115.	3.8	70
17	An essential role for UTX in resolution and activation of bivalent promoters. <i>Nucleic Acids Research</i> , 2016, 44, 3659-3674.	6.5	63
18	Crosstalk of Genetic Variants, Allele-Specific DNA Methylation, and Environmental Factors for Complex Disease Risk. <i>Frontiers in Genetics</i> , 2018, 9, 695.	1.1	63

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19	Multiple hydrophobic motifs in Arabidopsis CBF1 COOH-terminus provide functional redundancy in trans-activation. <i>Plant Molecular Biology</i> , 2005, 58, 543-559.	2.0	58
20	Attenuation of Forkhead signaling by the retinal determination factor DACH1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6864-6869.	3.3	58
21	Mutation of hop-1 and pink-1 attenuates vulnerability of neurotoxicity in <i>C. elegans</i> : the role of mitochondria-associated membrane proteins in Parkinsonism. <i>Experimental Neurology</i> , 2018, 309, 67-78.	2.0	37
22	Histone Modification Patterns and Their Responses to Environment. <i>Current Environmental Health Reports</i> , 2014, 1, 11-21.	3.2	36
23	Response: Mapping Nucleosome Positions Using ChIP-Seq Data. <i>Cell</i> , 2007, 131, 832-833.	13.5	32
24	Gcn5 and PCAF negatively regulate interferon $\beta$ production through HAT-independent inhibition of TBK1. <i>EMBO Reports</i> , 2014, 15, 1192-1201.	2.0	31
25	Native Chromatin Preparation and Illumina/Solexa Library Construction. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5237.	0.2	26
26	Incidence of ocular conditions associated with perfluoroalkyl substances exposure: Isomers of C8 Health Project in China. <i>Environment International</i> , 2020, 137, 105555.	4.8	26
27	Two approaches reveal a new paradigm of switchable or genetics-influenced allele-specific DNA methylation with potential in human disease. <i>Cell Discovery</i> , 2017, 3, 17038.	3.1	25
28	Dynamically reorganized chromatin is the key for the reprogramming of somatic cells to pluripotent cells. <i>Scientific Reports</i> , 2016, 5, 17691.	1.6	20
29	Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 357, 70-79.	1.3	17
30	Modification of Wnt signaling pathway on paraquat-induced inhibition of neural progenitor cell proliferation. <i>Food and Chemical Toxicology</i> , 2018, 121, 311-325.	1.8	15
31	Mitochondrial dysfunction-induced H3K27 hyperacetylation perturbs enhancers in Parkinson's disease. <i>JCI Insight</i> , 2021, 6, .	2.3	14
32	The conserved DNMT1-dependent methylation regions in human cells are vulnerable to neurotoxicant rotenone exposure. <i>Epigenetics and Chromatin</i> , 2020, 13, 17.	1.8	12
33	Identification of critical base pairs required for CTCF binding in motif M1 and M2. <i>Protein and Cell</i> , 2017, 8, 544-549.	4.8	9
34	Manganese-induced Parkinsonism in mice is reduced using a novel contaminated water sediment exposure model. <i>Environmental Toxicology and Pharmacology</i> , 2020, 78, 103399.	2.0	9
35	Expression of two insect-resistant genes <i>cryIA (b&amp;c)/GNA</i> in transgenic tobacco plants results in added protection against both cotton bollworm and aphids. <i>Science Bulletin</i> , 1999, 44, 2051-2058.	1.7	7
36	Epigenetic Vulnerability of Insulator CTCF Motifs at Parkinson's Disease-Associated Genes in Response to Neurotoxicant Rotenone. <i>Frontiers in Genetics</i> , 2020, 11, 627.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Towards the molecular mechanisms of transgenerational epigenetic inheritance. , 2019, , 137-156.		3
38	TALEN-Mediated FLAG-Tagging of Endogenous Histone Methyltransferase DOT1L. Advances in Bioscience and Biotechnology (Print), 2017, 08, 311-323.	0.3	1
39	The fragile X mental retardation protein FMRP plays a role in the DNA damage response. FASEB Journal, 2012, 26, 88.1.	0.2	1