Zhibin Wang

List of Publications by Year
in descending order

39 papers	13,780 citations	236925 25 h-index	315739 38 g-index
44 all docs	44 docs citations	44 times ranked	19666 citing authors

#	Article	IF	Citations
1	Mitochondrial dysfunctionâ€"induced H3K27 hyperacetylation perturbs enhancers in Parkinsonâ€™s disease. JCI Insight, 2021, 6, .	5.0	14
2	The conserved DNMT1-dependent methylation regions in human cells are vulnerable to neurotoxicant rotenone exposure. Epigenetics and Chromatin, 2020, 13, 17.	3.9	12
3	Epigenetic Vulnerability of Insulator CTCF Motifs at Parkinsonâ€™s Disease-Associated Genes in Response to Neurotoxicant Rotenone. Frontiers in Genetics, 2020, 11, 627.	2.3	5
4	Incidence of ocular conditions associated with perfluoroalkyl substances exposure: Isomers of C8 Health Project in China. Environment International, 2020, 137, 105555.	10.0	26
5	Manganese-induced Parkinsonism in mice is reduced using a novel contaminated water sediment exposure model. Environmental Toxicology and Pharmacology, 2020, 78, 103399.	4.0	9
6	Towards the molecular mechanisms of transgenerational epigenetic inheritance. , 2019, , 137-156.		3
7	The NIEHS TaRGET II Consortium and environmental epigenomics. Nature Biotechnology, 2018, 36, 225-227.	17.5	79
8	Modification of Wnt signaling pathway on paraquat-induced inhibition of neural progenitor cell proliferation. Food and Chemical Toxicology, 2018, 121, 311-325.	3.6	15
9	Mutation of hop-1 and pink-1 attenuates vulnerability of neurotoxicity in C. elegans: the role of mitochondria-associated membrane proteins in Parkinsonism. Experimental Neurology, 2018, 309, 67-78.	4.1	37
10	Sodium arsenite exposure inhibits histone acetyltransferase p300 for attenuating H3K27ac at enhancers in mouse embryonic fibroblast cells. Toxicology and Applied Pharmacology, 2018, 357, 70-79.	2.8	17
11	Crosstalk of Genetic Variants, Allele-Specific DNA Methylation, and Environmental Factors for Complex Disease Risk. Frontiers in Genetics, 2018, 9, 695.	2.3	63
12	Identification of critical base pairs required for CTCF binding in motif M1 and M2. Protein and Cell, 2017, 8, 544-549.	11.0	9
13	Two approaches reveal a new paradigm of â€˜switchable or genetics-influenced allele-specific DNA methylationâ€™ with potential in human disease. Cell Discovery, 2017, 3, 17038.	6.7	25
14	TALEN-Mediated FLAG-Tagging of Endogenous Histone Methyltransferase DOT1L. Advances in Bioscience and Biotechnology (Print), 2017, 08, 311-323.	0.7	1
15	ZMYND8 Reads the Dual Histone Mark H3K4me1-H3K14ac to Antagonize the Expression of Metastasis-Linked Genes. Molecular Cell, 2016, 63, 470-484.	9.7	112
16	Small Molecule Inhibitor of NRF2 Selectively Intervenes Therapeutic Resistance in KEAP1-Deficient NSCLC Tumors. ACS Chemical Biology, 2016, 11, 3214-3225.	3.4	364
17	Dynamically reorganized chromatin is the key for the reprogramming of somatic cells to pluripotent cells. Scientific Reports, 2016, 5, 17691.	3.3	20
18	An essential role for UTX in resolution and activation of bivalent promoters. Nucleic Acids Research, 2016, 44, 3659-3674.	14.5	63

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19	Distinct roles of DNMT1-dependent and DNMT1-independent methylation patterns in the genome of mouse embryonic stem cells. Genome Biology, 2015, 16, 115.	8.8	70
20	Elusive inheritance: Transgenerational effects and epigenetic inheritance in human environmental disease. Progress in Biophysics and Molecular Biology, 2015, 118, 44-54.	2.9	72
21	Histone Modification Patterns and Their Responses to Environment. Current Environmental Health Reports, 2014, 1, 11-21.	6.7	36
22	Gcn5 and <scp>PCAF</scp> negatively regulate interferonâ€Î² production through <scp>HAT</scp>â€independent inhibition of <scp>TBK</scp>1. EMBO Reports, 2014, 15, 1192-1201.	4.5	31
23	The fragile X mental retardation protein FMRP plays a role in the DNA damage response. FASEB Journal, 2012, 26, 88.1.	0.5	1
24	Genome-wide analysis of 5-hydroxymethylcytosine distribution reveals its dual function in transcriptional regulation in mouse embryonic stem cells. Genes and Development, 2011, 25, 679-684.	5.9	488
25	Dual functions of Tet1 in transcriptional regulation in mouse embryonic stem cells. Nature, 2011, 473, 389-393.	27.8	581
26	Histone H4K20/H3K9 demethylase PHF8 regulates zebrafish brain and craniofacial development. Nature, 2010, 466, 503-507.	27.8	263
27	Attenuation of Forkhead signaling by the retinal determination factor DACH1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6864-6869.	7.1	58
28	PTIP Promotes Chromatin Changes Critical for Immunoglobulin Class Switch Recombination. Science, 2010, 329, 917-923.	12.6	137
29	Native Chromatin Preparation and Illumina/Solexa Library Construction. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5237.	0.3	26
30	Determination of enriched histone modifications in non-genic portions of the human genome. BMC Genomics, 2009, 10, 143.	2.8	182
31	Genome-wide Analysis of Histone Methylation Reveals Chromatin State-Based Regulation of Gene Transcription and Function of Memory CD8+ T Cells. Immunity, 2009, 30, 912-925.	14.3	256
32	Genome-wide Mapping of HATs and HDACs Reveals Distinct Functions in Active and Inactive Genes. Cell, 2009, 138, 1019-1031.	28.9	1,174
33	Characterization of human epigenomes. Current Opinion in Genetics and Development, 2009, 19, 127-134.	3.3	144
34	Combinatorial patterns of histone acetylations and methylations in the human genome. Nature Genetics, 2008, 40, 897-903.	21.4	2,034
35	Dynamic Regulation of Nucleosome Positioning in the Human Genome. Cell, 2008, 132, 887-898.	28.9	1,211
36	High-Resolution Profiling of Histone Methylations in the Human Genome. Cell, 2007, 129, 823-837.	28.9	6,036

#	Article	IF	Citations
37	Response: Mapping Nucleosome Positions Using ChIP-Seq Data. Cell, 2007, 131, 832-833.	28.9	32
38	Multiple hydrophobic motifs in Arabidopsis CBF1 COOH-terminus provide functional redundancy in trans-activation. Plant Molecular Biology, 2005, 58, 543-559.	3.9	58
39	Expression of two insect-resistant genescryIA (b&c)/GNA in transgenic tobacco plants results in added protection against both cotton bollworm and aphids. Science Bulletin, 1999, 44, 2051-2058.	1.7	7