

Zhuqiang Zhang

List of Publications by Year in descending order

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26
papers

1,743
citations

394421
19
h-index

526287
27
g-index

28
all docs

28
docs citations

28
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly enriched BEND3 prevents the premature activation of bivalent genes during differentiation. <i>Science</i> , 2022, 375, 1053-1058.	12.6	38
2	Simultaneously measuring the methylation of parent and daughter strands of replicated DNA at the single-molecule level by Hammer-seq. <i>Nature Protocols</i> , 2021, 16, 2131-2157.	12.0	2
3	Recognition of the inherently unstable H2A nucleosome by Swc2 is a major determinant for unidirectional H2A.Z exchange. <i>Cell Reports</i> , 2021, 35, 109183.	6.4	10
4	Kinetics and mechanisms of mitotic inheritance of DNA methylation and their roles in aging-associated methylome deterioration. <i>Cell Research</i> , 2020, 30, 980-996.	12.0	81
5	Histone H3K27 acetylation is dispensable for enhancer activity in mouse embryonic stem cells. <i>Genome Biology</i> , 2020, 21, 45.	8.8	155
6	Sustained TNF- α stimulation leads to transcriptional memory that greatly enhances signal sensitivity and robustness. <i>ELife</i> , 2020, 9, .	6.0	21
7	Stella protein facilitates DNA demethylation by disrupting the chromatin association of the RING finger- α -type E3 ubiquitin ligase UHRF1. <i>Journal of Biological Chemistry</i> , 2019, 294, 8907-8917.	3.4	29
8	The proinflammatory cytokine TNF- α induces DNA demethylation- α -dependent and α -independent activation of interleukin-32 expression. <i>Journal of Biological Chemistry</i> , 2019, 294, 6785-6795.	3.4	15
9	SENPA-mediated M18BP1 deSUMOylation regulates CENP-A centromeric localization. <i>Cell Research</i> , 2019, 29, 254-257.	12.0	28
10	Roles of the CSE1L-mediated nuclear import pathway in epigenetic silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4013-E4022.	7.1	21
11	Small molecules capable of activating DNA methylation- α -repressed genes targeted by the p38 mitogen-activated protein kinase pathway. <i>Journal of Biological Chemistry</i> , 2018, 293, 7423-7436.	3.4	10
12	Stella safeguards the oocyte methylome by preventing de novo methylation mediated by DNMT1. <i>Nature</i> , 2018, 564, 136-140.	27.8	186
13	B Cells Are the Dominant Antigen-Presenting Cells that Activate Naive CD4+ T Cells upon Immunization with a Virus-Derived Nanoparticle Antigen. <i>Immunity</i> , 2018, 49, 695-708.e4.	14.3	185
14	Mrg15 stimulates Ash1 H3K36 methyltransferase activity and facilitates Ash1 Trithorax group protein function in <i>Drosophila</i> . <i>Nature Communications</i> , 2017, 8, 1649.	12.8	49
15	Polycomb α - α -polypacks α -the chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14878-14880.	7.1	5
16	Expression dynamics, relationships, and transcriptional regulations of diverse transcripts in mouse spermatogenic cells. <i>RNA Biology</i> , 2016, 13, 1011-1024.	3.1	72
17	Preferential Protection of Genetic Fidelity within Open Chromatin by the Mismatch Repair Machinery. <i>Journal of Biological Chemistry</i> , 2016, 291, 17692-17705.	3.4	21
18	Cooperative Action between SALL4A and TET Proteins in Stepwise Oxidation of 5-Methylcytosine. <i>Molecular Cell</i> , 2016, 64, 913-925.	9.7	111

#	ARTICLE	IF	CITATIONS
19	Transcription Factor RFX2 Is a Key Regulator of Mouse Spermiogenesis. Scientific Reports, 2016, 6, 20435.	3.3	51
20	Structural basis of H2A.Z recognition by SRCAP chromatin-remodeling subunit YL1. Nature Structural and Molecular Biology, 2016, 23, 317-323.	8.2	70
21	Recognition of H3K9 methylation by GLP is required for efficient establishment of H3K9 methylation, rapid target gene repression, and mouse viability. Genes and Development, 2015, 29, 379-393.	5.9	101
22	Anp32e, a higher eukaryotic histone chaperone directs preferential recognition for H2A.Z. Cell Research, 2014, 24, 389-399.	12.0	110
23	H3.3-H4 Tetramer Splitting Events Feature Cell-Type Specific Enhancers. PLoS Genetics, 2013, 9, e1003558.	3.5	60
24	Dense Chromatin Activates Polycomb Repressive Complex 2 to Regulate H3 Lysine 27 Methylation. Science, 2012, 337, 971-975.	12.6	240
25	Global Identification of SMAD2 Target Genes Reveals a Role for Multiple Co-regulatory Factors in Zebrafish Early Gastrulas. Journal of Biological Chemistry, 2011, 286, 28520-28532.	3.4	50
26	Mouse RING finger protein Rnf133 is a testis-specific endoplasmic reticulum-associated E3 ubiquitin ligase. Cell Research, 2008, 18, 800-802.	12.0	19