

Zhuqiang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,743
citations

393982

19
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Dense Chromatin Activates Polycomb Repressive Complex 2 to Regulate H3 Lysine 27 Methylation. <i>Science</i> , 2012, 337, 971-975.	6.0	240
2	Stella safeguards the oocyte methylome by preventing de novo methylation mediated by DNMT1. <i>Nature</i> , 2018, 564, 136-140.	13.7	186
3	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.	6.6	185
4	Histone H3K27 acetylation is dispensable for enhancer activity in mouse embryonic stem cells. <i>Genome Biology</i> , 2020, 21, 45.	3.8	155
5	Cooperative Action between SALL4A and TET Proteins in Stepwise Oxidation of 5-Methylcytosine. <i>Molecular Cell</i> , 2016, 64, 913-925.	4.5	111
6	Anp32e, a higher eukaryotic histone chaperone directs preferential recognition for H2A.Z. <i>Cell Research</i> , 2014, 24, 389-399.	5.7	110
7	Recognition of H3K9 methylation by GLP is required for efficient establishment of H3K9 methylation, rapid target gene repression, and mouse viability. <i>Genes and Development</i> , 2015, 29, 379-393.	2.7	101
8	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.	5.7	81
9	Expression dynamics, relationships, and transcriptional regulations of diverse transcripts in mouse spermatogenic cells. <i>RNA Biology</i> , 2016, 13, 1011-1024.	1.5	72
10	Structural basis of H2A.Z recognition by SRCAP chromatin-remodeling subunit YL1. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 317-323.	3.6	70
11	H3.3-H4 Tetramer Splitting Events Feature Cell-Type Specific Enhancers. <i>PLoS Genetics</i> , 2013, 9, e1003558.	1.5	60
12	Transcription Factor RFX2 Is a Key Regulator of Mouse Spermiogenesis. <i>Scientific Reports</i> , 2016, 6, 20435.	1.6	51
13	Global Identification of SMAD2 Target Genes Reveals a Role for Multiple Co-regulatory Factors in Zebrafish Early Gastrulas. <i>Journal of Biological Chemistry</i> , 2011, 286, 28520-28532.	1.6	50
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.	5.8	49
15	Highly enriched BEND3 prevents the premature activation of bivalent genes during differentiation. <i>Science</i> , 2022, 375, 1053-1058.	6.0	38
16	Stella protein facilitates DNA demethylation by disrupting the chromatin association of the RING finger-type E3 ubiquitin ligase UHRF1. <i>Journal of Biological Chemistry</i> , 2019, 294, 8907-8917.	1.6	29
17	SEN6-mediated M18BP1 deSUMOylation regulates CENP-A centromeric localization. <i>Cell Research</i> , 2019, 29, 254-257.	5.7	28
18	Preferential Protection of Genetic Fidelity within Open Chromatin by the Mismatch Repair Machinery. <i>Journal of Biological Chemistry</i> , 2016, 291, 17692-17705.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Roles of the CSE1L-mediated nuclear import pathway in epigenetic silencing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4013-E4022.	3.3	21
20	Sustained TNF- $\hat{\pm}$ stimulation leads to transcriptional memory that greatly enhances signal sensitivity and robustness. ELife, 2020, 9, .	2.8	21
21	Mouse RING finger protein Rnf133 is a testis-specific endoplasmic reticulum-associated E3 ubiquitin ligase. Cell Research, 2008, 18, 800-802.	5.7	19
22	The proinflammatory cytokine TNF- $\hat{\pm}$ induces DNA demethylation- $\hat{\pm}$ dependent and $\hat{\pm}$ -independent activation of interleukin-32 expression. Journal of Biological Chemistry, 2019, 294, 6785-6795.	1.6	15
23	Small molecules capable of activating DNA methylation- $\hat{\pm}$ repressed genes targeted by the p38 mitogen-activated protein kinase pathway. Journal of Biological Chemistry, 2018, 293, 7423-7436.	1.6	10
24	Recognition of the inherently unstable H2A nucleosome by Swc2 is a major determinant for unidirectional H2A.Z exchange. Cell Reports, 2021, 35, 109183.	2.9	10
25	Polycomb $\hat{\pm}$ polypacks $\hat{\pm}$ the chromatin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14878-14880.	3.3	5
26	Simultaneously measuring the methylation of parent and daughter strands of replicated DNA at the single-molecule level by Hammer-seq. Nature Protocols, 2021, 16, 2131-2157.	5.5	2