

Ping Chen

List of Publications by Year in descending order

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34
papers

1,743
citations

471509
17
h-index

414414
32
g-index

36
all docs

36
docs citations

36
times ranked

2717
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM Study of the Chromatin Fiber Reveals a Double Helix Twisted by Tetranucleosomal Units. <i>Science</i> , 2014, 344, 376-380.	12.6	503
2	H3.3 actively marks enhancers and primes gene transcription via opening higher-ordered chromatin. <i>Genes and Development</i> , 2013, 27, 2109-2124.	5.9	185
3	H2A.Z facilitates licensing and activation of early replication origins. <i>Nature</i> , 2020, 577, 576-581.	27.8	119
4	Structure of the variant histone H3.3-H4 heterodimer in complex with its chaperone DAXX. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1287-1292.	8.2	104
5	Dynamic Phosphorylation of CENP-A at Ser68 Orchestrates Its Cell-Cycle-Dependent Deposition at Centromeres. <i>Developmental Cell</i> , 2015, 32, 68-81.	7.0	92
6	Functions of FACT in Breaking the Nucleosome and Maintaining Its Integrity at the Single-Nucleosome Level. <i>Molecular Cell</i> , 2018, 71, 284-293.e4.	9.7	87
7	Rett syndrome-causing mutations compromise MeCP2-mediated liquid-liquid phase separation of chromatin. <i>Cell Research</i> , 2020, 30, 393-407.	12.0	80
8	FACT Remodels the Tetranucleosomal Unit of Chromatin Fibers for Gene Transcription. <i>Molecular Cell</i> , 2016, 64, 120-133.	9.7	74
9	Structural transitions of centromeric chromatin regulate the cell cycle-dependent recruitment of CENP-N. <i>Genes and Development</i> , 2015, 29, 1058-1073.	5.9	65
10	Histone variants H2A.Z and H3.3 coordinately regulate PRC2-dependent H3K27me3 deposition and gene expression regulation in mES cells. <i>BMC Biology</i> , 2018, 16, 107.	3.8	54
11	The Proton-Sensing G-Protein Coupled Receptor GPR4 Promotes Angiogenesis in Head and Neck Cancer. <i>PLoS ONE</i> , 2016, 11, e0152789.	2.5	48
12	Molecular simulation of SARS-CoV-2 spike protein binding to pangolin ACE2 or human ACE2 natural variants reveals altered susceptibility to infection. <i>Journal of General Virology</i> , 2020, 101, 921-924.	2.9	42
13	UBN1/2 of HIRA complex is responsible for recognition and deposition of H3.3 at cis-regulatory elements of genes in mouse ES cells. <i>BMC Biology</i> , 2018, 16, 110.	3.8	35
14	Human cytomegalovirus IE1 protein alters the higher-order chromatin structure by targeting the acidic patch of the nucleosome. <i>ELife</i> , 2016, 5, .	6.0	34
15	Dynamics of histone variant H3.3 and its coregulation with H2A.Z at enhancers and promoters. <i>Nucleus</i> , 2014, 5, 21-27.	2.2	26
16	Histone Variants in Development and Diseases. <i>Journal of Genetics and Genomics</i> , 2013, 40, 355-365.	3.9	23
17	Matched-pair analysis of survival in patients with poorly differentiated versus well-differentiated glottic squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 14770-14776.	1.8	20
18	Dynamics of the higher-order structure of chromatin. <i>Protein and Cell</i> , 2010, 1, 967-971.	11.0	19

#	ARTICLE	IF	CITATIONS
19	Histone H2A Ubiquitination Reinforces Mechanical Stability and Asymmetry at the Single-Nucleosome Level. <i>Journal of the American Chemical Society</i> , 2020, 142, 3340-3345.	13.7	19
20	Structures and Functions of Chromatin Fibers. <i>Annual Review of Biophysics</i> , 2021, 50, 95-116.	10.0	19
21	H2A mono-ubiquitination differentiates FACT's functions in nucleosome assembly and disassembly. <i>Nucleic Acids Research</i> , 2022, 50, 833-846.	14.5	14
22	HIRA complex presets transcriptional potential through coordinating depositions of the histone variants H3.3 and H2A.Z on the poised genes in mESCs. <i>Nucleic Acids Research</i> , 2022, 50, 191-206.	14.5	13
23	Probing the Effect of Ubiquitinated Histone on Mononucleosomes by Translocation Dynamics Study through Solid-State Nanopores. <i>Nano Letters</i> , 2022, 22, 888-895.	9.1	12
24	Targeted inhibition of Zika virus infection in human cells by CRISPR-Cas13b. <i>Virus Research</i> , 2022, 312, 198707.	2.2	10
25	GAA triplet-repeats cause nucleosome depletion in the human genome. <i>Genomics</i> , 2015, 106, 88-95.	2.9	9
26	Curaxin-Induced DNA Topology Alterations Trigger the Distinct Binding Response of CTCF and FACT at the Single-Molecule Level. <i>Biochemistry</i> , 2021, 60, 494-499.	2.5	9
27	Molecular dynamic simulation analysis of SARS-CoV-2 spike mutations and evaluation of ACE2 from pets and wild animals for infection risk. <i>Computational Biology and Chemistry</i> , 2022, 96, 107613.	2.3	7
28	New insights into the helical structure of 30-nm chromatin fibers. <i>Protein and Cell</i> , 2014, 5, 489-491.	11.0	6
29	Dissection of structural dynamics of chromatin fibers by single-molecule magnetic tweezers. <i>Biophysics Reports</i> , 2018, 4, 222-232.	0.8	5
30	Effectiveness and safety of acupotomy for knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 824.	1.6	4
31	Expression and clinical significance of basic transcription factor 3 in nasopharyngeal carcinoma. <i>Oncology Letters</i> , 2019, 17, 789-796.	1.8	3
32	Wnt Signaling Pathway-Based Analysis of Variance on Different Subtypes of Breast. , 2013, , .		0
33	Structure and Epigenetic Regulation of Chromatin Fibers. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2017, 82, 25-35.	1.1	0
34	Modified Acupotomy versus Percutaneous Release for Trigger Thumb: A Retrospective Study. <i>Journal of Pain Research</i> , 2022, Volume 15, 1141-1148.	2.0	0