

Dahong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9289984/publications.pdf>

Version: 2024-02-01

30
papers

2,625
citations

567281

15
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

4247
citing authors

#	ARTICLE	IF	CITATIONS
1	A compendium of RNA-binding motifs for decoding gene regulation. <i>Nature</i> , 2013, 499, 172-177.	27.8	1,281
2	Widespread Rearrangement of 3D Chromatin Organization Underlies Polycomb-Mediated Stress-Induced Silencing. <i>Molecular Cell</i> , 2015, 58, 216-231.	9.7	299
3	The Centrosomal Protein CP190 Is a Component of the gypsy Chromatin Insulator. <i>Molecular Cell</i> , 2004, 16, 737-748.	9.7	228
4	RNA interference machinery influences the nuclear organization of a chromatin insulator. <i>Nature Genetics</i> , 2006, 38, 936-941.	21.4	138
5	Different enhancer classes in <i>Drosophila</i> bind distinct architectural proteins and mediate unique chromatin interactions and 3D architecture. <i>Nucleic Acids Research</i> , 2017, 45, 1714-1730.	14.5	133
6	RNAi-independent role for Argonaute2 in CTCF/CP190 chromatin insulator function. <i>Genes and Development</i> , 2011, 25, 1686-1701.	5.9	110
7	Tissue-Specific Regulation of Chromatin Insulator Function. <i>PLoS Genetics</i> , 2012, 8, e1003069.	3.5	47
8	Surviving an identity crisis: A revised view of chromatin insulators in the genomics era. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 203-214.	1.9	47
9	Function and regulation of chromatin insulators in dynamic genome organization. <i>Current Opinion in Cell Biology</i> , 2019, 58, 61-68.	5.4	35
10	M1BP cooperates with CP190 to activate transcription at TAD borders and promote chromatin insulator activity. <i>Nature Communications</i> , 2021, 12, 4170.	12.8	35
11	metaseq: a Python package for integrative genome-wide analysis reveals relationships between chromatin insulators and associated nuclear mRNA. <i>Nucleic Acids Research</i> , 2014, 42, 9158-9170.	14.5	26
12	Neuronal Remodeling During Metamorphosis Is Regulated by the <i>alan shepard</i> (<i>shep</i>) Gene in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2014, 197, 1267-1283.	2.9	26
13	The zinc-finger protein CLAMP promotes gypsy chromatin insulator function in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2019, 132, .	2.0	24
14	The RNA-binding protein Rumpelstiltskin antagonizes <i>gypsy</i> chromatin insulator function in a tissue-specific manner. <i>Journal of Cell Science</i> , 2014, 127, 2956-66.	2.0	22
15	Argonaute2 and LaminB modulate gene expression by controlling chromatin topology. <i>PLoS Genetics</i> , 2018, 14, e1007276.	3.5	20
16	Transposable element landscapes in aging <i>Drosophila</i> . <i>PLoS Genetics</i> , 2022, 18, e1010024.	3.5	19
17	Messenger RNA is a functional component of a chromatin insulator complex. <i>EMBO Reports</i> , 2013, 14, 916-922.	4.5	17
18	A Long-Distance Relationship between RNAi and Polycomb. <i>Cell</i> , 2006, 124, 886-888.	28.9	16

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19	Modulation of chromatin modifying complexes by noncoding RNAs in trans. <i>Current Opinion in Genetics and Development</i> , 2014, 25, 68-73.	3.3	14
20	Oligopaint DNA FISH reveals telomere-based meiotic pairing dynamics in the silkworm, <i>Bombyx mori</i> . <i>PLoS Genetics</i> , 2021, 17, e1009700.	3.5	14
21	Shep regulates <i>Drosophila</i> neuronal remodeling by controlling transcription of its chromatin targets. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	12
22	Dosage compensation in <i>Bombyx mori</i> is achieved by partial repression of both Z chromosomes in males. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113374119.	7.1	11
23	<i>Drosophila</i> Argonaute2 turnover is regulated by the ubiquitin proteasome pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 951-957.	2.1	10
24	Regulatory Mechanisms of Metamorphic Neuronal Remodeling Revealed Through a Genome-Wide Modifier Screen in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2017, 206, 1429-1443.	2.9	10
25	Maintenance of a <i>Drosophila melanogaster</i> Population Cage. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	7
26	Shep RNA-Binding Capacity Is Required for Antagonism of gypsy Chromatin Insulator Activity. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 749-754.	1.8	7
27	DiffChIPL: a differential peak analysis method for high-throughput sequencing data with biological replicates based on limma. <i>Bioinformatics</i> , 2022, 38, 4062-4069.	4.1	5
28	Temporal inhibition of chromatin looping and enhancer accessibility during neuronal remodeling. <i>Nature Communications</i> , 2021, 12, 6366.	12.8	4
29	Preface. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 117.	1.9	0
30	Lsha is a <i>su(Hw)</i> mRNA-binding protein required for <i>gypsy</i> insulator function. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	1.8	0