

Xin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,324
citations

279487

23
h-index

233125

45
g-index

64
all docs

64
docs citations

64
times ranked

2513
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of CSF1 Promoter by the SWI/SNF-like BAF Complex. <i>Cell</i> , 2001, 106, 309-318.	13.5	315
2	Testis-specific TAF homologs collaborate to control a tissue-specific transcription program. <i>Development (Cambridge)</i> , 2004, 131, 5297-5308.	1.2	177
3	Asymmetric Division of <i>Drosophila</i> Male Germline Stem Cell Shows Asymmetric Histone Distribution. <i>Science</i> , 2012, 338, 679-682.	6.0	156
4	Tissue-Specific TAFs Counteract Polycomb to Turn on Terminal Differentiation. <i>Science</i> , 2005, 310, 869-872.	6.0	152
5	Histone H3 Threonine Phosphorylation Regulates Asymmetric Histone Inheritance in the <i>Drosophila</i> Male Germline. <i>Cell</i> , 2015, 163, 920-933.	13.5	110
6	Dynamic regulation of alternative splicing and chromatin structure in <i>Drosophila</i> gonads revealed by RNA-seq. <i>Cell Research</i> , 2010, 20, 763-783.	5.7	107
7	Phosphorylation of histone H4 Ser1 regulates sporulation in yeast and is conserved in fly and mouse spermatogenesis. <i>Genes and Development</i> , 2006, 20, 2580-2592.	2.7	94
8	The Chromatin-Remodeling BAF Complex Mediates Cellular Antiviral Activities by Promoter Priming. <i>Molecular and Cellular Biology</i> , 2004, 24, 4476-4486.	1.1	87
9	The Nuclear Lamina Regulates Germline Stem Cell Niche Organization via Modulation of EGFR Signaling. <i>Cell Stem Cell</i> , 2013, 13, 73-86.	5.2	69
10	Asymmetric histone inheritance via strand-specific incorporation and biased replication fork movement. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 732-743.	3.6	68
11	Monovalent and unpoised status of most genes in undifferentiated cell-enriched <i>Drosophila</i> testis. <i>Genome Biology</i> , 2010, 11, R42.	13.9	65
12	Asymmetric Centromeres Differentially Coordinate with Mitotic Machinery to Ensure Biased Sister Chromatid Segregation in Germline Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 666-681.e5.	5.2	52
13	Sequential changes at differentiation gene promoters as they become active in a stem cell lineage. <i>Development (Cambridge)</i> , 2011, 138, 2441-2450.	1.2	49
14	MicroRNAs downregulate Bag of marbles to ensure proper terminal differentiation in the <i>Drosophila</i> male germline. <i>Development (Cambridge)</i> , 2013, 140, 23-30.	1.2	47
15	A Non-cell Autonomous Role of E2F to Prevent Germ Cells from Turning on a Somatic Cell Marker. <i>Science</i> , 2014, 343, 1513-1516.	6.0	38
16	Asymmetric Histone Inheritance in Asymmetrically Dividing Stem Cells. <i>Trends in Genetics</i> , 2020, 36, 30-43.	2.9	37
17	Regulation of <i>Drosophila</i> germline stem cells. <i>Current Opinion in Cell Biology</i> , 2019, 60, 27-35.	2.6	36
18	A pairwise distance distribution correction (DDC) algorithm to eliminate blinking-caused artifacts in SMLM. <i>Nature Methods</i> , 2021, 18, 669-677.	9.0	34

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19	Protecting and Diversifying the Germline. <i>Genetics</i> , 2018, 208, 435-471.	1.2	33
20	Epigenetic regulator Lid maintains germline stem cells through regulating JAK-STAT signaling pathway activity. <i>Biology Open</i> , 2015, 4, 1518-1527.	0.6	31
21	Differential Histone Distribution Patterns in Induced Asymmetrically Dividing Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2020, 32, 108003.	2.9	31
22	Epigenetic regulation of germ cell differentiation. <i>Current Opinion in Cell Biology</i> , 2010, 22, 737-743.	2.6	30
23	Three levels of regulation lead to protamine and Mst77F expression in <i>Drosophila</i> . <i>Developmental Biology</i> , 2013, 377, 33-45.	0.9	30
24	Single-cyst transcriptome analysis of <i>Drosophila</i> male germline stem cell lineage. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	29
25	Breaking Symmetry ^â Asymmetric Histone Inheritance in Stem Cells. <i>Trends in Cell Biology</i> , 2017, 27, 527-540.	3.6	27
26	Histone demethylase dUTX antagonizes JAK-STAT signaling to maintain proper gene expression and architecture of the <i>Drosophila</i> testis niche. <i>Development (Cambridge)</i> , 2013, 140, 1014-1023.	1.2	26
27	Enhancer of polycomb coordinates multiple signaling pathways to promote both cyst and germline stem cell differentiation in the <i>Drosophila</i> adult testis. <i>PLoS Genetics</i> , 2017, 13, e1006571.	1.5	26
28	Asymmetric distribution of histones during <i>Drosophila</i> male germline stem cell asymmetric divisions. <i>Chromosome Research</i> , 2013, 21, 255-269.	1.0	25
29	A Novel Human Polycomb Binding Site Acts As a Functional Polycomb Response Element in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e36365.	1.1	24
30	Transcriptional regulation during <i>Drosophila</i> spermatogenesis. <i>Spermatogenesis</i> , 2012, 2, 158-166.	0.8	23
31	Alternative splicing switching in stem cell lineages. <i>Frontiers in Biology</i> , 2013, 8, 50-59.	0.7	22
32	The Inherent Asymmetry of DNA Replication. <i>Annual Review of Cell and Developmental Biology</i> , 2017, 33, 291-318.	4.0	20
33	Symmetry from Asymmetry or Asymmetry from Symmetry?. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2017, 82, 305-318.	2.0	20
34	Asymmetric inheritance of epigenetic states in asymmetrically dividing stem cells. <i>Current Opinion in Cell Biology</i> , 2020, 67, 27-36.	2.6	20
35	Epigenetic regulation of germ cellsâ€”remember or forget?. <i>Current Opinion in Genetics and Development</i> , 2015, 31, 20-27.	1.5	19
36	Epigenetic regulation in adult stem cells and cancers. <i>Cell and Bioscience</i> , 2013, 3, 41.	2.1	18

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37	Epigenetic regulation of drosophila germline stem cell maintenance and differentiation. <i>Developmental Biology</i> , 2021, 473, 105-118.	0.9	18
38	An Aminopeptidase in the Drosophila Testicular Niche Acts in Germline Stem Cell Maintenance and Spermatogonial Dedifferentiation. <i>Cell Reports</i> , 2015, 13, 315-325.	2.9	17
39	Polycomb Group Genes Psc and Su(z)2 Maintain Somatic Stem Cell Identity and Activity in Drosophila. <i>PLoS ONE</i> , 2012, 7, e52892.	1.1	16
40	Characterization of histone inheritance patterns in the <i>Drosophila</i> female germline. <i>EMBO Reports</i> , 2021, 22, e51530.	2.0	15
41	Superresolution imaging of chromatin fibers to visualize epigenetic information on replicative DNA. <i>Nature Protocols</i> , 2020, 15, 1188-1208.	5.5	14
42	Differential condensation of sister chromatids acts with Cdc6 to ensure asynchronous S-phase entry in Drosophila male germline stem cell lineage. <i>Developmental Cell</i> , 2022, 57, 1102-1118.e7.	3.1	14
43	Enhancer of polycomb maintains germline activity and genome integrity in Drosophila testis. <i>Cell Death and Differentiation</i> , 2018, 25, 1486-1502.	5.0	12
44	Polycomb Group Gene E(z) Is Required for Spermatogonial Dedifferentiation in Drosophila Adult Testis. <i>Journal of Molecular Biology</i> , 2017, 429, 2030-2041.	2.0	11
45	Super-Resolution Live Cell Imaging of Subcellular Structures. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	9
46	Chromatin Immunoprecipitation (ChIP) using <i>Drosophila</i> tissue. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	8
47	Breaking symmetry: the asymmetries in epigenetic inheritance. <i>Biochemist</i> , 2021, 43, 14-19.	0.2	7
48	Stem Cells: What Can We Learn from Flies?. <i>Fly</i> , 2008, 2, 19-28.	0.9	6
49	The importance of a halotyrosine dehalogenase for Drosophila fertility. <i>Journal of Biological Chemistry</i> , 2018, 293, 10314-10321.	1.6	6
50	Mitotic drive in asymmetric epigenetic inheritance. <i>Biochemical Society Transactions</i> , 2022, 50, 675-688.	1.6	5
51	Asymmetric Histone Inheritance Regulates Stem Cell Fate in Drosophila Midgut. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
52	Asymmetric Histone Incorporation During DNA Replication in <i>Drosophila</i> Male Germline Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
53	Protocol for Establishing Mouse Embryonic Stem Cells to Study Histone Inheritance Pattern at Single-Cell Resolution. <i>STAR Protocols</i> , 2020, 1, 100178.	0.5	1