

KikuÃ« Tachibana

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,880
citations

566801

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887659

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docs citations

19
times ranked

2441
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-nucleus Hi-C reveals unique chromatin reorganization at oocyte-to-zygote transition. <i>Nature</i> , 2017, 544, 110-114.	13.7	604
2	A mechanism of cohesin-dependent loop extrusion organizes zygotic genome architecture. <i>EMBO Journal</i> , 2017, 36, 3600-3618.	3.5	291
3	Rec8-containing cohesin maintains bivalents without turnover during the growing phase of mouse oocytes. <i>Genes and Development</i> , 2010, 24, 2505-2516.	2.7	225
4	Control of inducible gene expression links cohesin to hematopoietic progenitor self-renewal and differentiation. <i>Nature Immunology</i> , 2018, 19, 932-941.	7.0	175
5	Polycomb Group Proteins Regulate Chromatin Architecture in Mouse Oocytes and Early Embryos. <i>Molecular Cell</i> , 2020, 77, 825-839.e7.	4.5	105
6	Chromosome Cohesion Established by Rec8-Cohesin in Fetal Oocytes Is Maintained without Detectable Turnover in Oocytes Arrested for Months in Mice. <i>Current Biology</i> , 2016, 26, 678-685.	1.8	92
7	Dependency of the Spindle Assembly Checkpoint on Cdk1 Renders the Anaphase Transition Irreversible. <i>Current Biology</i> , 2014, 24, 630-637.	1.8	63
8	A Surveillance Mechanism Ensures Repair of DNA Lesions during Zygotic Reprogramming. <i>Cell</i> , 2016, 167, 1774-1787.e13.	13.5	58
9	MCM complexes are barriers that restrict cohesin-mediated loop extrusion. <i>Nature</i> , 2022, 606, 197-203.	13.7	58
10	Spindle Assembly Checkpoint of Oocytes Depends on a Kinetochores Structure Determined by Cohesin in Meiosis I. <i>Current Biology</i> , 2013, 23, 2534-2539.	1.8	41
11	Single-cell Hi-C bridges microscopy and genome-wide sequencing approaches to study 3D chromatin organization. <i>BioEssays</i> , 2017, 39, 1700104.	1.2	34
12	Wapl releases Scc1-cohesin and regulates chromosome structure and segregation in mouse oocytes. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	30
13	Genomic insights into chromatin reprogramming to totipotency in embryos. <i>Journal of Cell Biology</i> , 2019, 218, 70-82.	2.3	29
14	The emergence of genome architecture and zygotic genome activation. <i>Current Opinion in Cell Biology</i> , 2020, 64, 50-57.	2.6	26
15	Ovulation suppression protects against chromosomal abnormalities in mouse eggs at advanced maternal age. <i>Current Biology</i> , 2021, 31, 4038-4051.e7.	1.8	26
16	Awakening of the zygotic genome by pioneer transcription factors. <i>Current Opinion in Structural Biology</i> , 2021, 71, 94-100.	2.6	10
17	Single-nucleus Hi-C of mammalian oocytes and zygotes. <i>Methods in Cell Biology</i> , 2018, 144, 389-407.	0.5	9
18	Manipulating Cohesin Levels in Live Mouse Oocytes. <i>Methods in Molecular Biology</i> , 2018, 1818, 113-128.	0.4	0