

Hiroki Shibuya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4023700/publications.pdf>

Version: 2024-02-01

22
papers

1,344
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	A conserved KASH domain protein associates with telomeres, SUN1, and dynactin during mammalian meiosis. <i>Journal of Cell Biology</i> , 2012, 198, 165-172.	5.2	200
2	The TRF1-binding protein TERB1 promotes chromosome movement and telomere rigidity in meiosis. <i>Nature Cell Biology</i> , 2014, 16, 145-156.	10.3	152
3	Meiotic DNA break formation requires the unsynapsed chromosome axis-binding protein IHO1 (CCDC36) in mice. <i>Nature Cell Biology</i> , 2016, 18, 1208-1220.	10.3	145
4	Meiosis-specific cohesin mediates homolog recognition in mouse spermatocytes. <i>Genes and Development</i> , 2014, 28, 594-607.	5.9	128
5	Sources of artifact in measurements of 6mA and 4mC abundance in eukaryotic genomic DNA. <i>BMC Genomics</i> , 2019, 20, 445.	2.8	120
6	MAJIN Links Telomeric DNA to the Nuclear Membrane by Exchanging Telomere Cap. <i>Cell</i> , 2015, 163, 1252-1266.	28.9	119
7	The Dissection of Meiotic Chromosome Movement in Mice Using an In Vivo Electroporation Technique. <i>PLoS Genetics</i> , 2014, 10, e1004821.	3.5	69
8	A meiosis-specific BRCA2 binding protein recruits recombinases to DNA double-strand breaks to ensure homologous recombination. <i>Nature Communications</i> , 2019, 10, 722.	12.8	64
9	Essential role of the Cdk2 activator RingoA in meiotic telomere tethering to the nuclear envelope. <i>Nature Communications</i> , 2016, 7, 11084.	12.8	57
10	The meiosis-specific modification of mammalian telomeres. <i>Cell Cycle</i> , 2014, 13, 2024-2028.	2.6	47
11	The BRCA2-MEILB2-BRME1 complex governs meiotic recombination and impairs the mitotic BRCA2-RAD51 function in cancer cells. <i>Nature Communications</i> , 2020, 11, 2055.	12.8	42
12	Mouse CCDC79 (TERB1) is a meiosis-specific telomere associated protein. <i>BMC Cell Biology</i> , 2014, 15, 17.	3.0	37
13	Dissecting the telomere-“inner nuclear membrane interface formed in meiosis. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 1064-1072.	8.2	34
14	Distinct TERB1 Domains Regulate Different Protein Interactions in Meiotic Telomere Movement. <i>Cell Reports</i> , 2017, 21, 1715-1726.	6.4	33
15	Meiotic cohesins mediate initial loading of HORMAD1 to the chromosomes and coordinate SC formation during meiotic prophase. <i>PLoS Genetics</i> , 2020, 16, e1009048.	3.5	33
16	The demethylase NMAD-1 regulates DNA replication and repair in the <i>Caenorhabditis elegans</i> germline. <i>PLoS Genetics</i> , 2019, 15, e1008252.	3.5	18
17	The KASH5 protein involved in meiotic chromosomal movements is a novel dynein activating adaptor. <i>ELife</i> , 0, 11, .	6.0	12
18	Telomeric double-strand DNA-binding proteins DTN-1 and DTN-2 ensure germline immortality in <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2021, 10, .	6.0	9

#	ARTICLE	IF	CITATIONS
19	Structure of a meiosis-specific complex central to BRCA2 localization at recombination sites. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 671-680.	8.2	7
20	BRCA2 in mammalian meiosis. <i>Trends in Cell Biology</i> , 2022, 32, 281-284.	7.9	6
21	The TERB1 MYB domain suppresses telomere erosion in meiotic prophase I. <i>Cell Reports</i> , 2022, 38, 110289.	6.4	3
22	Live-cell microscopy of meiosis in spermatocytes. <i>Methods in Cell Biology</i> , 2018, 145, 269-277.	1.1	2