Takashi Sutani

List of Publications by Year
in descending order

22	1,652	516710 16	713466 21
papers	citations	h-index	g-index

22	22	22	1453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of fission yeast cohesin: essential anaphase proteolysis of Rad21 phosphorylated in the S phase. Genes and Development, 2000, 14, 2757-2770.	5.9	256
2	Budding Yeast Wpl1(Rad61)-Pds5 Complex Counteracts Sister Chromatid Cohesion-Establishing Reaction. Current Biology, 2009, 19, 492-497.	3.9	200
3	An Smc3 Acetylation Cycle Is Essential for Establishment of Sister Chromatid Cohesion. Molecular Cell, 2010, 39, 689-699.	9.7	149
4	Condensin Architecture and Interaction with DNA. Current Biology, 2002, 12, 508-513.	3.9	139
5	DNA renaturation activity of the SMC complex implicated in chromosome condensation. Nature, 1997, 388, 798-801.	27.8	132
6	Cnd2 has dual roles in mitotic condensation and interphase. Nature, 2002, 417, 197-202.	27.8	132
7	Csm3, Tof1, and Mrc1 Form a Heterotrimeric Mediator Complex That Associates with DNA Replication Forks. Journal of Biological Chemistry, 2009, 284, 34355-34365.	3.4	123
8	Condensin targets and reduces unwound DNA structures associated with transcription in mitotic chromosome condensation. Nature Communications, 2015, 6, 7815.	12.8	100
9	Condensin but not cohesin SMC heterodimer induces DNA reannealing through protein-protein assembly. EMBO Journal, 2003, 22, 2764-2775.	7.8	95
10	Esco1 Acetylates Cohesin via a Mechanism Different from That of Esco2. Current Biology, 2015, 25, 1694-1706.	3.9	74
11	The Microbiome of the Meibum and Ocular Surface in Healthy Subjects. , 2020, 61, 18.		45
12	The RSC chromatin-remodeling complex influences mitotic exit and adaptation to the spindle assembly checkpoint by controlling the Cdc14 phosphatase. Journal of Cell Biology, 2010, 191, 981-997.	5.2	44
13	Cti1/C1D interacts with condensin SMC hinge and supports the DNA repair function of condensin. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8078-8083.	7.1	37
14	Condensin Relocalization from Centromeres to Chromosome Arms Promotes Top2 Recruitment during Anaphase. Cell Reports, 2015, 13, 2336-2344.	6.4	30
15	Temporal Regulation of ESCO2 Degradation by the MCM Complex, the CUL4-DDB1-VPRBP Complex, and the Anaphase-Promoting Complex. Current Biology, 2018, 28, 2665-2672.e5.	3.9	30
16	Dissecting the first and the second meiotic divisions using a marker-less drug-hypersensitive fission yeast. Cell Cycle, 2014, 13, 1327-1334.	2.6	23
17	A DNA Polymerase Î± Accessory Protein, Mcl1, Is Required for Propagation of Centromere Structures in Fission Yeast. PLoS ONE, 2008, 3, e2221.	2.5	20
18	Physical Association of Saccharomyces cerevisiae Polo-like Kinase Cdc5 with Chromosomal Cohesin Facilitates DNA Damage Response. Journal of Biological Chemistry, 2016, 291, 17228-17246.	3.4	9

#	Article	IF	Citations
19	Functional control of Eco1 through the MCM complex in sister chromatid cohesion. Gene, 2021, 784, 145584.	2.2	7
20	ChIP-seq Analysis of Condensin Complex in Cultured Mammalian Cells. Methods in Molecular Biology, 2017, 1515, 257-271.	0.9	5
21	Attaching Accessory Devices to the Replisome. Molecular Cell, 2016, 63, 347-348.	9.7	1
22	Bioinformatical dissection of fission yeast DNA replication origins. Open Biology, 2020, 10, 200052.	3.6	1