

Hideaki Takata

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,598
citations

393982

19
h-index

395343

33
g-index

39
all docs

39
docs citations

39
times ranked

2326
citing authors

#	ARTICLE	IF	CITATIONS
1	Human mitotic chromosomes consist predominantly of irregularly folded nucleosome fibres without a 30-nm chromatin structure. <i>EMBO Journal</i> , 2012, 31, 1644-1653.	3.5	269
2	Chromatin Compaction Protects Genomic DNA from Radiation Damage. <i>PLoS ONE</i> , 2013, 8, e75622.	1.1	165
3	Chromosomes without a 30-nm chromatin fiber. <i>Nucleus</i> , 2012, 3, 404-410.	0.6	137
4	Proteome Analysis of Human Metaphase Chromosomes. <i>Journal of Biological Chemistry</i> , 2005, 280, 16994-17004.	1.6	114
5	Nucleolin functions in nucleolus formation and chromosome congression. <i>Journal of Cell Science</i> , 2007, 120, 2091-2105.	1.2	112
6	Son Is Essential for Nuclear Speckle Organization and Cell Cycle Progression. <i>Molecular Biology of the Cell</i> , 2010, 21, 650-663.	0.9	106
7	RBMX: A Regulator for Maintenance and Centromeric Protection of Sister Chromatid Cohesion. <i>Cell Reports</i> , 2012, 1, 299-308.	2.9	75
8	Fibrillarin, a nucleolar protein, is required for normal nuclear morphology and cellular growth in HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 320-326.	1.0	55
9	A comparative proteome analysis of human metaphase chromosomes isolated from two different cell lines reveals a set of conserved chromosome-associated proteins. <i>Genes To Cells</i> , 2007, 12, 269-284.	0.5	52
10	Association of Renal Resistive Index With Target Organ Damage in Essential Hypertension. <i>American Journal of Hypertension</i> , 2012, 25, 1292-8.	1.0	52
11	PHB2 Protects Sister-Chromatid Cohesion in Mitosis. <i>Current Biology</i> , 2007, 17, 1356-1361.	1.8	44
12	Calcium ions function as a booster of chromosome condensation. <i>Scientific Reports</i> , 2016, 6, 38281.	1.6	39
13	Chromosome Scaffold is a Double-Stranded Assembly of Scaffold Proteins. <i>Scientific Reports</i> , 2015, 5, 11916.	1.6	37
14	H1.X with different properties from other linker histones is required for mitotic progression. <i>FEBS Letters</i> , 2007, 581, 3783-3788.	1.3	36
15	A nucleolar protein RRS1 contributes to chromosome congression. <i>FEBS Letters</i> , 2009, 583, 1951-1956.	1.3	35
16	The integrator complex is required for integrity of Cajal bodies. <i>Journal of Cell Science</i> , 2012, 125, 166-175.	1.2	35
17	Changes in Chromosomal Surface Structure by Different Isolation Conditions.. <i>Archives of Histology and Cytology</i> , 2002, 65, 445-455.	0.2	32
18	Proteome analysis of human nuclear insoluble fractions. <i>Genes To Cells</i> , 2009, 14, 975-990.	0.5	30

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19	New Insight into the Mitotic Chromosome Structure: Irregular Folding of Nucleosome Fibers Without 30-nm Chromatin Structure. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 439-444.	2.0	29
20	Chromosome Interior Observation by Focused Ion Beam/Scanning Electron Microscopy (FIB/SEM) Using Ionic Liquid Technique. <i>Microscopy and Microanalysis</i> , 2014, 20, 1340-1347.	0.2	21
21	Chromatin folding and DNA replication inhibition mediated by a highly antitumor-active tetrazolato-bridged dinuclear platinum(II) complex. <i>Scientific Reports</i> , 2016, 6, 24712.	1.6	20
22	Protein composition of human metaphase chromosomes analyzed by two-dimensional electrophoreses. <i>Cytogenetic and Genome Research</i> , 2004, 107, 49-54.	0.6	18
23	Human metaphase chromosome consists of randomly arranged chromatin fibres with up to 30-nm diameter. <i>Scientific Reports</i> , 2020, 10, 8948.	1.6	12
24	Safety evaluation of amylomaltase from <i>Thermus aquaticus</i> . <i>Regulatory Toxicology and Pharmacology</i> , 2010, 57, 62-69.	1.3	11
25	Interdependency and phosphorylation of KIF4 and condensin I are essential for organization of chromosome scaffold. <i>PLoS ONE</i> , 2017, 12, e0183298.	1.1	11
26	The Effect of Magnesium Ions on Chromosome Structure as Observed by Helium Ion Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 184-188.	0.2	10
27	Reversible Changes of Chromosome Structure upon Different Concentrations of Divalent Cations. <i>Microscopy and Microanalysis</i> , 2019, 25, 817-821.	0.2	8
28	Towards single particle imaging of human chromosomes at SACLA. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 244007.	0.6	7
29	Cdk1-dependent phosphorylation of KIF4A at S1186 triggers lateral chromosome compaction during early mitosis. <i>PLoS ONE</i> , 2018, 13, e0209614.	1.1	6
30	Calcium depletion destabilises kinetochore fibres by the removal of CENP-F from the kinetochore. <i>Scientific Reports</i> , 2017, 7, 7335.	1.6	5
31	Preparation Methods of Human Metaphase Chromosomes for their Proteome Analysis. <i>Methods in Molecular Biology</i> , 2008, 432, 149-160.	0.4	3
32	Generation of monoclonal antibodies against chromosomal antigens that have a high sequence similarity between human and mouse. <i>Journal of Biotechnology</i> , 2005, 120, 262-272.	1.9	2
33	Irregular folding of nucleosomes in the cell Comment on "Cracking the chromatin code: Precise rule of nucleosome positioning" by Edward N. Trifonov. <i>Physics of Life Reviews</i> , 2011, 8, 51-52.	1.5	2
34	The Organization of Genomic DNA in Mitotic Chromosomes: A Novel View. , 2013, , 33-44.		0
35	Application of the Chromosome Image Analyzing System (CHIAS) for Straightening Cation-treated Bent Chromosomes. <i>Microscopy Research and Technique</i> , 2020, 83, 1411-1416.	1.2	0
36	7C31 How is a long strand of genomic DNA organized in the cell?. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JISME, 2012, 2012.24, _7C31-1_-_7C31-2_.	0.0	0