

Yota Murakami

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,151
citations

471509

17
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Polymerase II Is Required for RNAi-Dependent Heterochromatin Assembly. <i>Science</i> , 2005, 309, 467-469.	12.6	258
2	Fission yeast CENP-B homologs nucleate centromeric heterochromatin by promoting heterochromatin-specific histone tail modifications. <i>Genes and Development</i> , 2002, 16, 1766-1778.	5.9	97
3	DNA-RNA hybrid formation mediates RNAi-directed heterochromatin formation. <i>Genes To Cells</i> , 2012, 17, 218-233.	1.2	94
4	Phosphorylation of Swi6/HP1 regulates transcriptional gene silencing at heterochromatin. <i>Genes and Development</i> , 2009, 23, 18-23.	5.9	61
5	Transcription factors and DNA replication origin selection. <i>BioEssays</i> , 2005, 27, 1107-1116.	2.5	56
6	Spt6 prevents transcription-coupled loss of posttranslationally modified histone H3. <i>Scientific Reports</i> , 2013, 3, 2186.	3.3	52
7	Inner nuclear membrane protein Lem2 augments heterochromatin formation in response to nutritional conditions. <i>Genes To Cells</i> , 2016, 21, 812-832.	1.2	44
8	Histone H3K36 trimethylation is essential for multiple silencing mechanisms in fission yeast. <i>Nucleic Acids Research</i> , 2016, 44, 4147-4162.	14.5	44
9	Fission yeast chromatin assembly factor 1 assists in the replication-coupled maintenance of heterochromatin. <i>Genes To Cells</i> , 2008, 13, 1027-1043.	1.2	41
10	The Capacity of Polyomavirus Enhancer Binding Protein 2 (AML1/Cbfa2) To Stimulate Polyomavirus DNA Replication Is Related to Its Affinity for the Nuclear Matrix. <i>Molecular and Cellular Biology</i> , 1998, 18, 4165-4176.	2.3	40
11	Block of granulocytic differentiation of 32Dcl3 cells by AML1/ETO(MTG8) but not by highly expressed Bcl-2. <i>Oncogene</i> , 1999, 18, 4055-4062.	5.9	36
12	Heterochromatin protein 1 homologue Swi6 acts in concert with Ers1 to regulate RNAi-directed heterochromatin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6159-6164.	7.1	30
13	Mediator Directs Co-transcriptional Heterochromatin Assembly by RNA Interference-Dependent and -Independent Pathways. <i>PLoS Genetics</i> , 2013, 9, e1003677.	3.5	28
14	Different contributions of nonmuscle myosin IIA and IIB to the organization of stress fiber subtypes in fibroblasts. <i>Molecular Biology of the Cell</i> , 2018, 29, 911-922.	2.1	26
15	Heterochromatin suppresses gross chromosomal rearrangements at centromeres by repressing Tfs1/TFIIS-dependent transcription. <i>Communications Biology</i> , 2019, 2, 17.	4.4	24
16	Regulation of ectopic heterochromatin-mediated epigenetic diversification by the JmjC family protein Epe1. <i>PLoS Genetics</i> , 2019, 15, e1008129.	3.5	23
17	A novel RNAi protein, Dsh1, assembles RNAi machinery on chromatin to amplify heterochromatic siRNA. <i>Genes and Development</i> , 2012, 26, 1811-1824.	5.9	22
18	Differential contributions of nonmuscle myosin IIA and IIB to cytokinesis in human immortalized fibroblasts. <i>Experimental Cell Research</i> , 2019, 376, 67-76.	2.6	19

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19	Context-Dependent Modulation of Replication Activity of <i>Saccharomyces cerevisiae</i> Autonomously Replicating Sequences by Transcription Factors. <i>Molecular and Cellular Biology</i> , 1999, 19, 7428-7435.	2.3	18
20	Transcription factor Runx1 recruits the polyomavirus replication origin to replication factories. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 1313-1323.	2.6	13
21	Ser7 of RNAPII-CTD facilitates heterochromatin formation by linking ncRNA to RNAi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11208-E11217.	7.1	13
22	Two secured FACT recruitment mechanisms are essential for heterochromatin maintenance. <i>Cell Reports</i> , 2021, 36, 109540.	6.4	13
23	Histone deacetylases govern heterochromatin in every phase. <i>EMBO Journal</i> , 2013, 32, 2301-2303.	7.8	12
24	H3K36 methylation state and associated silencing mechanisms. <i>Transcription</i> , 2017, 8, 26-31.	3.1	12
25	RNAi-dependent heterochromatin assembly in fission yeast <i>Schizosaccharomyces pombe</i> requires heat-shock molecular chaperones Hsp90 and Mas5. <i>Epigenetics and Chromatin</i> , 2018, 11, 26.	3.9	11
26	Nonmuscle myosin IIA and IIB differentially contribute to intrinsic and directed migration of human embryonic lung fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 25-31.	2.1	7
27	Phosphorylation of repressive histone code readers by casein kinase 2 plays diverse roles in heterochromatin regulation. <i>Journal of Biochemistry</i> , 2019, 166, 3-6.	1.7	7
28	Roles of the C-terminal residues of calmodulin in structure and function. <i>Biophysics (Nagoya-shi)</i> , 2019, 10, 50-53.	0.4	5
29	DNA replication machinery is required for development in <i>Drosophila</i> . <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 493-505.	3.0	5
30	Sfh1, an essential component of the RSC chromatin remodeling complex, maintains genome integrity in fission yeast. <i>Genes To Cells</i> , 2018, 23, 738-752.	1.2	5
31	Complete Genome Sequence of <i>Staphylococcus arlettae</i> Strain P2, Isolated from a Laboratory Environment. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
32	Ran and Calcineurin Can Participate Collaboratively in the Regulation of Spermatogenesis in Scallop. <i>Marine Biotechnology</i> , 2012, 14, 479-490.	2.4	4
33	Semi-retentive cytoskeletal fractionation (SERCYF): A novel method for the biochemical analysis of the organization of microtubule and actin cytoskeleton networks. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 614-620.	2.1	4
34	Nonmuscle myosin IIA and IIB differently suppress microtubule growth to stabilize cell morphology. <i>Journal of Biochemistry</i> , 2020, 167, 25-39.	1.7	4
35	Epigenetic regulation affects gene amplification in <i>Drosophila</i> development. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 632-645.	3.0	4
36	Histone variant H2A.Z plays multiple roles in the maintenance of heterochromatin integrity. <i>Genes To Cells</i> , 2022, 27, 93-112.	1.2	4

#	ARTICLE	IF	CITATIONS
37	Trimethylguanosine synthase 1 (Tgs1) is involved in Swi6/HP1-independent siRNA production and establishment of heterochromatin in fission yeast. <i>Genes To Cells</i> , 2021, 26, 203-218.	1.2	3
38	A novel method for purification of the endogenously expressed fission yeast Set2 complex. <i>Protein Expression and Purification</i> , 2014, 97, 44-49.	1.3	2
39	DNA replication machinery contributes to development of eye in <i>Drosophila</i> . <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 506-511.	3.0	2
40	Unprogrammed epigenetic variation mediated by stochastic formation of ectopic heterochromatin. <i>Current Genetics</i> , 2020, 66, 319-325.	1.7	2
41	Construction and characterization of a zinc-inducible gene expression vector in fission yeast. <i>Yeast</i> , 2021, 38, 251-261.	1.7	0