

Bungo Akiyoshi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,598
citations

516561

16
h-index

526166

27
g-index

39
all docs

39
docs citations

39
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Tension directly stabilizes reconstituted kinetochore-microtubule attachments. <i>Nature</i> , 2010, 468, 576-579.	13.7	408
2	Discovery of Unconventional Kinetochores in Kinetoplastids. <i>Cell</i> , 2014, 156, 1247-1258.	13.5	217
3	Meikin is a conserved regulator of meiosis-I-specific kinetochore function. <i>Nature</i> , 2015, 517, 466-471.	13.7	138
4	Quantitative proteomic analysis of purified yeast kinetochores identifies a PP1 regulatory subunit. <i>Genes and Development</i> , 2009, 23, 2887-2899.	2.7	99
5	The structure of purified kinetochores reveals multiple microtubule-attachment sites. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 925-929.	3.6	77
6	Phosphoregulation promotes release of kinetochores from dynamic microtubules via multiple mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7282-7287.	3.3	76
7	Evolutionary cell biology of chromosome segregation: insights from trypanosomes. <i>Open Biology</i> , 2013, 3, 130023.	1.5	70
8	Analysis of Ipl1-Mediated Phosphorylation of the Ndc80 Kinetochore Protein in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2009, 183, 1591-1595.	1.2	64
9	The Aurora B Kinase Promotes Inner and Outer Kinetochore Interactions in Budding Yeast. <i>Genetics</i> , 2013, 194, 785-789.	1.2	57
10	Divergent polo box domains underpin the unique kinetoplastid kinetochore. <i>Open Biology</i> , 2016, 6, 150206.	1.5	46
11	Evolutionary Lessons from Species with Unique Kinetochores. <i>Progress in Molecular and Subcellular Biology</i> , 2017, 56, 111-138.	0.9	43
12	The kinetoplastid kinetochore protein KKT4 is an unconventional microtubule tip-coupling protein. <i>Journal of Cell Biology</i> , 2018, 217, 3886-3900.	2.3	31
13	Identification of four unconventional kinetoplastid kinetochore proteins KKT22-25 in <i>Trypanosoma brucei</i> . <i>Open Biology</i> , 2019, 9, 190236.	1.5	30
14	The Mub1/Ubr2 Ubiquitin Ligase Complex Regulates the Conserved Dsn1 Kinetochore Protein. <i>PLoS Genetics</i> , 2013, 9, e1003216.	1.5	29
15	Repurposing of synaptonemal complex proteins for kinetochores in Kinetoplastida. <i>Open Biology</i> , 2021, 11, 210049.	1.5	28
16	Degradation of cyclin B is critical for nuclear division in <i>Trypanosoma brucei</i> . <i>Biology Open</i> , 2018, 7, .	0.6	27
17	An Efficient Purification System for Native Minichromosome from <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2012, 833, 115-123.	0.4	22
18	Cdc14-Dependent Dephosphorylation of a Kinetochore Protein Prior to Anaphase in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2010, 186, 1487-1491.	1.2	20

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19	The unconventional kinetoplastid kinetochore: from discovery toward functional understanding. <i>Biochemical Society Transactions</i> , 2016, 44, 1201-1217.	1.6	20
20	Characterization of unconventional kinetochore kinases KKT10/19 in <i>Trypanosoma brucei</i> . <i>Journal of Cell Science</i> , 2020, 133, .	1.2	20
21	Reconstituting the kinetochore–microtubule interface: what, why, and how. <i>Chromosoma</i> , 2012, 121, 235-250.	1.0	16
22	Kinetoplastid kinetochore proteins KKT2 and KKT3 have unique centromere localization domains. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	14
23	Structural characterization of KKT4, an unconventional microtubule-binding kinetochore protein. <i>Structure</i> , 2021, 29, 1014-1028.e8.	1.6	9
24	Plasticity in centromere organization and kinetochore composition: Lessons from diversity. <i>Current Opinion in Cell Biology</i> , 2022, 74, 47-54.	2.6	8
25	Targeted protein degradation using deGradFP in <i>Trypanosoma brucei</i> . <i>Wellcome Open Research</i> , 0, 7, 175.	0.9	6
26	¹ H, ¹³ C and ¹⁵ N resonance assignments for the microtubule-binding domain of the kinetoplastid kinetochore protein KKT4 from <i>Trypanosoma brucei</i> . <i>Biomolecular NMR Assignments</i> , 2020, 14, 309-315.	0.4	4
27	Evolution: A Mosaic-type Centromere in an Early-Diverging Fungus. <i>Current Biology</i> , 2019, 29, R1184-R1186.	1.8	1
28	Illuminating the mechanism of monogenic antigen expression in trypanosomes. <i>Nature Reviews Microbiology</i> , 2021, 19, 746-746.	13.6	0
29	Discovery of Unconventional Kinetochores in Kinetoplastids. <i>FASEB Journal</i> , 2015, 29, 86.1.	0.2	0