

Fangwei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,770
citations

430874

18
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1824
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone H3 Thr-3 Phosphorylation by Haspin Positions Aurora B at Centromeres in Mitosis. <i>Science</i> , 2010, 330, 231-235.	12.6	416
2	Histone modifications and mitosis: countermarks, landmarks, and bookmarks. <i>Trends in Cell Biology</i> , 2013, 23, 175-184.	7.9	158
3	Structure and functional characterization of the atypical human kinase haspin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20198-20203.	7.1	144
4	A Positive Feedback Loop Involving Haspin and Aurora B Promotes CPC Accumulation at Centromeres in Mitosis. <i>Current Biology</i> , 2011, 21, 1061-1069.	3.9	143
5	Haspin inhibitors reveal centromeric functions of Aurora B in chromosome segregation. <i>Journal of Cell Biology</i> , 2012, 199, 251-268.	5.2	95
6	A phospho/methyl switch at histone H3 regulates TFIID association with mitotic chromosomes. <i>EMBO Journal</i> , 2010, 29, 3967-3978.	7.8	87
7	Polo-like kinase 1 triggers histone phosphorylation by Haspin in mitosis. <i>EMBO Reports</i> , 2014, 15, 273-281.	4.5	64
8	The N-Terminal Non-Kinase-Domain-Mediated Binding of Haspin to Pds5B Protects Centromeric Cohesion in Mitosis. <i>Current Biology</i> , 2017, 27, 992-1004.	3.9	60
9	Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy. <i>Advanced Materials</i> , 2021, 33, e2103471.	21.0	60
10	Centromere-localized Aurora B kinase is required for the fidelity of chromosome segregation. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	54
11	Molecular basis for phosphospecific recognition of histone H3 tails by Survivin paralogues at inner centromeres. <i>Molecular Biology of the Cell</i> , 2012, 23, 1457-1466.	2.1	53
12	The Assembly and Maintenance of Heterochromatin Initiated by Transgene Repeats Are Independent of the RNA Interference Pathway in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 4028-4040.	2.3	48
13	HP1 links centromeric heterochromatin to centromere cohesion in mammals. <i>EMBO Reports</i> , 2018, 19, .	4.5	45
14	A kinase-dependent role for Haspin in antagonizing Wapl and protecting mitotic centromere cohesion. <i>EMBO Reports</i> , 2018, 19, 43-56.	4.5	41
15	A subcellular map of the human kinome. <i>ELife</i> , 2021, 10, .	6.0	41
16	Targeted Anti-Tumor Immunotherapy Using Tumor Infiltrating Cells. <i>Advanced Science</i> , 2021, 8, e2101672.	11.2	36
17	Histone H2A phosphorylation recruits topoisomerase II α to centromeres to safeguard genomic stability. <i>EMBO Journal</i> , 2020, 39, e101863.	7.8	28
18	Microbiota in Tumors: From Understanding to Application. <i>Advanced Science</i> , 2022, 9, .	11.2	26

#	ARTICLE	IF	CITATIONS
19	Aurora-A promotes the establishment of spindle assembly checkpoint by priming the Haspin-Aurora-B feedback loop in late G2 phase. <i>Cell Discovery</i> , 2017, 3, 16049.	6.7	25
20	ISGylation in Innate Antiviral Immunity and Pathogen Defense Responses: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 788410.	3.7	22
21	SUMOylation in Viral Replication and Antiviral Defense. <i>Advanced Science</i> , 2022, 9, e2104126.	11.2	21
22	Bub1 and CENP-U redundantly recruit Plk1 to stabilize kinetochore-microtubule attachments and ensure accurate chromosome segregation. <i>Cell Reports</i> , 2021, 36, 109740.	6.4	20
23	Aurora B kinase activity-dependent and -independent functions of the chromosomal passenger complex in regulating sister chromatid cohesion. <i>Journal of Biological Chemistry</i> , 2019, 294, 2021-2035.	3.4	17
24	WAC Promotes Polo-like Kinase 1 Activation for Timely Mitotic Entry. <i>Cell Reports</i> , 2018, 24, 546-556.	6.4	16
25	NudCL2 is an Hsp90 cochaperone to regulate sister chromatid cohesion by stabilizing cohesin subunits. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 381-395.	5.4	13
26	Mps1 dimerization and multisite interactions with Ndc80 complex enable responsive spindle assembly checkpoint signaling. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 486-498.	3.3	10
27	Dissecting the roles of Haspin and VRK1 in histone H3 phosphorylation during mitosis. <i>Scientific Reports</i> , 2022, 12, .	3.3	8
28	A positive feedback mechanism ensures proper assembly of the functional inner centromere during mitosis in human cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 1437-1450.	3.4	7
29	HP1 cooperates with CAF-1 to compact heterochromatic transgene repeats in mammalian cells. <i>Scientific Reports</i> , 2018, 8, 14141.	3.3	6
30	NudC-like protein 2 restrains centriole amplification by stabilizing HERC2. <i>Cell Death and Disease</i> , 2019, 10, 628.	6.3	6
31	Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy (<i>Adv. Mater.</i>) Tj ETQq1.1 0.784314 rgBT / 21.0 0	21.0	0