

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 | SUMOylation in Viral Replication and Antiviral Defense. <i>Advanced Science</i> , 2022, 9, e2104126. | 11.2 | 21 |
| 2 | Microbiota in Tumors: From Understanding to Application. <i>Advanced Science</i> , 2022, 9, . | 11.2 | 26 |
| 3 | Dissecting the roles of Haspin and VRK1 in histone H3 phosphorylation during mitosis. <i>Scientific Reports</i> , 2022, 12, . | 3.3 | 8 |
| 4 | A subcellular map of the human kinome. <i>ELife</i> , 2021, 10, . | 6.0 | 41 |
| 5 | 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 |
| 6 | Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy. <i>Advanced Materials</i> , 2021, 33, e2103471. | 21.0 | 60 |
| 7 | Targeted Anti-Tumor Immunotherapy Using Tumor Infiltrating Cells. <i>Advanced Science</i> , 2021, 8, e2101672. | 11.2 | 36 |
| 8 | 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 |
| 9 | Engineering Extracellular Vesicles Enriched with Palmitoylated ACE2 as COVID-19 Therapy (<i>Adv. Mater.</i>) Tj ETQq1_1_0,784314 rgBT / 21.0 | 21.0 | 60 |
| 10 | Histone H2A phosphorylation recruits topoisomerase α to centromeres to safeguard genomic stability. <i>EMBO Journal</i> , 2020, 39, e101863. | 7.8 | 28 |
| 11 | Centromere-localized Aurora B kinase is required for the fidelity of chromosome segregation. <i>Journal of Cell Biology</i> , 2020, 219, . | 5.2 | 54 |
| 12 | 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 |
| 13 | NudC-like protein 2 restrains centriole amplification by stabilizing HERC2. <i>Cell Death and Disease</i> , 2019, 10, 628. | 6.3 | 6 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | HP1 links centromeric heterochromatin to centromere cohesion in mammals. <i>EMBO Reports</i> , 2018, 19, . | 4.5 | 45 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | HP1 cooperates with CAF-1 to compact heterochromatic transgene repeats in mammalian cells. <i>Scientific Reports</i> , 2018, 8, 14141. | 3.3 | 6 |
| 20 | WAC Promotes Polo-like Kinase 1 Activation for Timely Mitotic Entry. <i>Cell Reports</i> , 2018, 24, 546-556. | 6.4 | 16 |
| 21 | 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 |
| 22 | 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 |
| 23 | Polo-like kinase triggers histone phosphorylation by Haspin in mitosis. <i>EMBO Reports</i> , 2014, 15, 273-281. | 4.5 | 64 |
| 24 | Histone modifications and mitosis: countermarks, landmarks, and bookmarks. <i>Trends in Cell Biology</i> , 2013, 23, 175-184. | 7.9 | 158 |
| 25 | 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 |
| 26 | Haspin inhibitors reveal centromeric functions of Aurora B in chromosome segregation. <i>Journal of Cell Biology</i> , 2012, 199, 251-268. | 5.2 | 95 |
| 27 | 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 |
| 28 | A phospho/methyl switch at histone H3 regulates TFIID association with mitotic chromosomes. <i>EMBO Journal</i> , 2010, 29, 3967-3978. | 7.8 | 87 |
| 29 | Histone H3 Thr-3 Phosphorylation by Haspin Positions Aurora B at Centromeres in Mitosis. <i>Science</i> , 2010, 330, 231-235. | 12.6 | 416 |
| 30 | 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 |
| 31 | 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 |