

Liangyu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

939
citations

1163117

8
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	The auxin-inducible degradation (AID) system enables versatile conditional protein depletion in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2015, 142, 4374-84.	2.5	453
2	Aurora B kinase activation requires survivin priming phosphorylation by PLK1. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 260-267.	3.3	82
3	A compartmentalized signaling network mediates crossover control in meiosis. <i>ELife</i> , 2018, 7, .	6.0	77
4	PLK1 Phosphorylates Mitotic Centromere-associated Kinesin and Promotes Its Depolymerase Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 3033-3046.	3.4	71
5	EB1 acetylation by P300/CBP-associated factor (PCAF) ensures accurate kinetochore-microtubule interactions in mitosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16564-16569.	7.1	66
6	PRC1 Cooperates with CLASP1 to Organize Central Spindle Plasticity in Mitosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 23059-23071.	3.4	54
7	Spatiotemporal dynamics of Aurora B-PLK1-MCAK signaling axis orchestrates kinetochore bi-orientation and faithful chromosome segregation. <i>Scientific Reports</i> , 2015, 5, 12204.	3.3	43
8	DDA3 associates with microtubule plus ends and orchestrates microtubule dynamics and directional cell migration. <i>Scientific Reports</i> , 2013, 3, 1681.	3.3	20
9	A degron-based strategy reveals new insights into Aurora B function in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009567.	3.5	17
10	Phosphoregulation of DSB-1 mediates control of meiotic double-strand break activity. <i>ELife</i> , 0, 11, .	6.0	16
11	Diffusion through a liquid crystalline compartment regulates meiotic recombination. , 2019, , .		12
12	DDA3: A new dancer at the growing end?. <i>Cell Cycle</i> , 2010, 9, 227-232.	2.6	4