

# Xing Liu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60  
papers

917  
citations

18  
h-index

28  
g-index

71  
ext. papers

1,200  
ext. citations

7.1  
avg, IF

3.75  
L-index

#	Paper	IF	Citations
60	Mitotic regulator Mis18 $\alpha$ interacts with and specifies the centromeric assembly of molecular chaperone holliday junction recognition protein (HJURP). <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 8326-36	5.4	59
59	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> , <b>2012</b> , 109, 16564-9	11.5	56
58	Acetylation of Aurora B by TIP60 ensures accurate chromosomal segregation. <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 226-32	11.7	55
57	Molecular basis for CENP-N recognition of CENP-A nucleosome on the human kinetochore. <i>Cell Research</i> , <b>2018</b> , 28, 374-378	24.7	44
56	Dynamic localization of Mps1 kinase to kinetochores is essential for accurate spindle microtubule attachment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E4546-55	11.5	43
55	Aurora A orchestrates entosis by regulating a dynamic MCAK-TIP150 interaction. <i>Journal of Molecular Cell Biology</i> , <b>2014</b> , 6, 240-54	6.3	40
54	IRE1-RACK1 axis orchestrates ER stress preconditioning-elicited cytoprotection from ischemia/reperfusion injury in liver. <i>Journal of Molecular Cell Biology</i> , <b>2016</b> , 8, 144-56	6.3	38
53	CENP-E kinesin interacts with SKAP protein to orchestrate accurate chromosome segregation in mitosis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 1500-9	5.4	38
52	Superresolution imaging reveals structural features of EB1 in microtubule plus-end tracking. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 4166-73	3.5	36
51	SUV39H1 orchestrates temporal dynamics of centromeric methylation essential for faithful chromosome segregation in mitosis. <i>Journal of Molecular Cell Biology</i> , <b>2012</b> , 4, 331-40	6.3	34
50	Spatiotemporal dynamics of Aurora B-PLK1-MCAK signaling axis orchestrates kinetochore bi-orientation and faithful chromosome segregation. <i>Scientific Reports</i> , <b>2015</b> , 5, 12204	4.9	32
49	BubR1 phosphorylates CENP-E as a switch enabling the transition from lateral association to end-on capture of spindle microtubules. <i>Cell Research</i> , <b>2019</b> , 29, 562-578	24.7	29
48	Chromatin protein HP1 interacts with the mitotic regulator borealin protein and specifies the centromere localization of the chromosomal passenger complex. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 20638-49	5.4	25
47	Regulation of a dynamic interaction between two microtubule-binding proteins, EB1 and TIP150, by the mitotic p300/CBP-associated factor (PCAF) orchestrates kinetochore microtubule plasticity and chromosome stability during mitosis. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 15771-85	5.4	23
46	Recent Progress on the Localization of the Spindle Assembly Checkpoint Machinery to Kinetochores. <i>Cells</i> , <b>2019</b> , 8,	7.9	21
45	Mitosis-specific acetylation tunes Ran effector binding for chromosome segregation. <i>Journal of Molecular Cell Biology</i> , <b>2018</b> , 10, 18-32	6.3	20
44	Signaling Scaffold Protein IQGAP1 Interacts with Microtubule Plus-end Tracking Protein SKAP and Links Dynamic Microtubule Plus-end to Steer Cell Migration. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 23766-80	5.4	19

43	Phosphorylation of the Bin, Amphiphysin, and RSV161/167 (BAR) domain of ACAP4 regulates membrane tubulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 11023-8	11.5	19
42	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> , <b>2017</b> , 3, 16049	22.3	17
41	Regulation of NDR1 activity by PLK1 ensures proper spindle orientation in mitosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 10449	4.9	17
40	Effects of fermented ginseng on the gut microbiota and immunity of rats with antibiotic-associated diarrhea. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 267, 113594	5	17
39	Acetylation of ACAP4 regulates CCL18-elicited breast cancer cell migration and invasion. <i>Journal of Molecular Cell Biology</i> , <b>2018</b> , 10, 559-572	6.3	17
38	The Microtubule Plus End Tracking Protein TIP150 Interacts with Cortactin to Steer Directional Cell Migration. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 20692-706	5.4	15
37	PinX1 is recruited to the mitotic chromosome periphery by Nucleolin and facilitates chromosome congression. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 384, 76-81	3.4	14
36	Mitotic motor CENP-E cooperates with PRC1 in temporal control of central spindle assembly. <i>Journal of Molecular Cell Biology</i> , <b>2020</b> , 12, 654-665	6.3	14
35	Cell Polarity Kinase MST4 Cooperates with cAMP-dependent Kinase to Orchestrate Histamine-stimulated Acid Secretion in Gastric Parietal Cells. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 28272-28285	5.4	13
34	Paecilomyces cicadae-fermented Radix astragali activates podocyte autophagy by attenuating PI3K/AKT/mTOR pathways to protect against diabetic nephropathy in mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 129, 110479	7.5	13
33	LRIF1 interacts with HP1 $\alpha$ to coordinate accurate chromosome segregation during mitosis. <i>Journal of Molecular Cell Biology</i> , <b>2018</b> , 10, 527-538	6.3	12
32	Structural insights into dimethylation of 12S rRNA by TFB1M: indispensable role in translation of mitochondrial genes and mitochondrial function. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 7648-7665	20.1	12
31	MST4 kinase phosphorylates ACAP4 protein to orchestrate apical membrane remodeling during gastric acid secretion. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 16174-16187	5.4	12
30	The spatiotemporal dynamics of chromatin protein HP1 $\alpha$ is essential for accurate chromosome segregation during cell division. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26249-26262	5.4	11
29	Phase separation drives decision making in cell division. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 13419-13431	5.4	11
28	Mitotic Protein CSPP1 Interacts with CENP-H Protein to Coordinate Accurate Chromosome Oscillation in Mitosis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 27053-27066	5.4	10
27	Phosphorylation of PP1 Regulator Sds22 by PLK1 Ensures Accurate Chromosome Segregation. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 21123-21136	5.4	10
26	Acetylation of ezrin regulates membrane-cytoskeleton interaction underlying CCL18-elicited cell migration. <i>Journal of Molecular Cell Biology</i> , <b>2020</b> , 12, 424-437	6.3	7

25	The 68-kDa telomeric repeat binding factor 1 (TRF1)-associated protein (TAP68) interacts with and recruits TRF1 to the spindle pole during mitosis. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 14145-56	5.4	6
24	Methylation of PLK1 by SET7/9 ensures accurate kinetochore-microtubule dynamics. <i>Journal of Molecular Cell Biology</i> , <b>2020</b> , 12, 462-476	6.3	6
23	Adaptor protein APPL1 interacts with EGFR to orchestrate EGF-stimulated signaling. <i>Science Bulletin</i> , <b>2016</b> , 61, 1504-1512	10.6	6
22	Dynamic crotonylation of EB1 by TIP60 ensures accurate spindle positioning in mitosis. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 1314-1323	11.7	5
21	Holliday junction recognition protein interacts with and specifies the centromeric assembly of CENP-T. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 968-980	5.4	5
20	Resveratrol-induced Sirt1 phosphorylation by LKB1 mediates mitochondrial metabolism. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100929	5.4	5
19	NDP52 tunes cortical actin interaction with astral microtubules for accurate spindle orientation. <i>Cell Research</i> , <b>2019</b> , 29, 666-679	24.7	4
18	Celastrol inhibits ezrin-mediated migration of hepatocellular carcinoma cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 11273	4.9	4
17	The Kinase Activity of Drosophila BubR1 Is Required for Insulin Signaling-Dependent Stem Cell Maintenance. <i>Cell Reports</i> , <b>2020</b> , 31, 107794	10.6	4
16	Phosphorylation of SKAP by GSK3 $\beta$ ensures chromosome segregation by a temporal inhibition of Kif2b activity. <i>Scientific Reports</i> , <b>2016</b> , 6, 38791	4.9	3
15	A fusion decision system to identify and grade malnutrition in cancer patients: Machine learning reveals feasible workflow from representative real-world data. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 4958-4970	5.9	3
14	Measurement of dynamic membrane mechanosensation using optical tweezers. <i>Journal of Molecular Cell Biology</i> , <b>2021</b> , 13, 455-457	6.3	2
13	Mechanisms and regulation underlying membraneless organelle plasticity control. <i>Journal of Molecular Cell Biology</i> , <b>2021</b> , 13, 239-258	6.3	2
12	Feedback control of PLK1 by Apolo1 ensures accurate chromosome segregation. <i>Cell Reports</i> , <b>2021</b> , 36, 109343	10.6	2
11	Several anthropometric measurements and cancer mortality: predictor screening, threshold determination, and joint analysis in a multicenter cohort of 12138 adults. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> ,	5.2	2
10	Process optimization in ginseng fermentation by and study on bile acid-binding ability of fermentation products. <i>Preparative Biochemistry and Biotechnology</i> , <b>2021</b> , 51, 120-126	2.4	1
9	AMPK $\alpha$ activation by an energy-independent signal ensures chromosomal stability during mitosis. <i>IScience</i> , <b>2021</b> , 24, 102363	6.1	1
8	The septin complex links the catenin complex to the actin cytoskeleton for establishing epithelial cell polarity. <i>Journal of Molecular Cell Biology</i> , <b>2021</b> , 13, 395-408	6.3	1

7	Traditional Chinese Medicine Constitution Identification Based on Objective Facial and Tongue Features: A Delphi Study and a Diagnostic Nomogram for Blood Stasis Constitution.. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2022</b> , 2022, 6950529	2.3	o
6	The ncRNA-Mediated Overexpression of Ferroptosis-Related Gene EMC2 Correlates With Poor Prognosis and Tumor Immune Infiltration in Breast Cancer.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 777037	5.3	o
5	Creation and Assessment of a Prognostic Fat-Age-Inflammation Index "FAIN" in Patients With Cancer: A Multicenter Cohort Study.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 860285	6.2	o
4	Bubristatins inhibit BubR1-dependent signaling by interrogating BubR1-CENP-E interaction. <i>FASEB Journal</i> , <b>2015</b> , 29, 723.6	0.9	
3	Molecular delineation of CENP-E in mitotic spindle plasticity using chemical probe syntelin. <i>FASEB Journal</i> , <b>2013</b> , 27, 764.3	0.9	
2	Potent antitumor activity of a glutamyltransferase-derived peptide via an activation of oncosis pathway. <i>Scientific Reports</i> , <b>2021</b> , 11, 16507	4.9	
1	Mad2 promotes Cyclin B2 recruitment to the kinetochore for guiding accurate mitotic checkpoint.. <i>EMBO Reports</i> , <b>2022</b> , e54171	6.5	