

# Liang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,597  
citations

361413

20  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Modifications Regulate Chromatin Compartmentalization by Contributing to a Phase Separation Mechanism. <i>Molecular Cell</i> , 2019, 76, 646-659.e6.	9.7	250
2	<i>Arabidopsis</i> FLL2 promotes liquid-liquid phase separation of polyadenylation complexes. <i>Nature</i> , 2019, 569, 265-269.	27.8	196
3	A microtubule depolymerizing kinesin functions during both flagellar disassembly and flagellar assembly in <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4713-4718.	7.1	127
4	Homotypic clustering of L1 and B1/Alu repeats compartmentalizes the 3D genome. <i>Cell Research</i> , 2021, 31, 613-630.	12.0	105
5	Plant HP1 protein ADCP1 links multivalent H3K9 methylation readout to heterochromatin formation. <i>Cell Research</i> , 2019, 29, 54-66.	12.0	83
6	Rett syndrome-causing mutations compromise MeCP2-mediated liquid-liquid phase separation of chromatin. <i>Cell Research</i> , 2020, 30, 393-407.	12.0	80
7	Quantified postsurgical small cell size CTCs and EpCAM+ circulating tumor stem cells with cytogenetic abnormalities in hepatocellular carcinoma patients determine cancer relapse. <i>Cancer Letters</i> , 2018, 412, 99-107.	7.2	69
8	Loci-specific phase separation of FET fusion oncoproteins promotes gene transcription. <i>Nature Communications</i> , 2021, 12, 1491.	12.8	66
9	Flagellar regeneration requires cytoplasmic microtubule depolymerization and kinesin-13. <i>Journal of Cell Science</i> , 2013, 126, 1531-40.	2.0	61
10	Activation loop phosphorylation of a protein kinase is a molecular marker of organelle size that dynamically reports flagellar length. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12337-12342.	7.1	52
11	Bioflocculant production from untreated corn stover using <i>Cellulosimicrobium cellulans</i> L804 isolate and its application to harvesting microalgae. <i>Biotechnology for Biofuels</i> , 2015, 8, 170.	6.2	52
12	RNA Targets Ribogenesis Factor WDR43 to Chromatin for Transcription and Pluripotency Control. <i>Molecular Cell</i> , 2019, 75, 102-116.e9.	9.7	43
13	Protein Interaction Analysis Provides a Map of the Spatial and Temporal Organization of the Ciliary Gating Zone. <i>Current Biology</i> , 2017, 27, 2296-2306.e3.	3.9	38
14	Screening membraneless organelle participants with machine-learning models that integrate multimodal features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	34
15	Protein Phosphorylation Is a Key Event of Flagellar Disassembly Revealed by Analysis of Flagellar Phosphoproteins during Flagellar Shortening in <i>Chlamydomonas</i> . <i>Journal of Proteome Research</i> , 2011, 10, 3830-3839.	3.7	27
16	Rapid and high efficiency transformation of <i>Chlamydomonas reinhardtii</i> by square-wave electroporation. <i>Bioscience Reports</i> , 2019, 39, .	2.4	25
17	Phase-separated condensate-aided enrichment of biomolecular interactions for high-throughput drug screening in test tubes. <i>Journal of Biological Chemistry</i> , 2020, 295, 11420-11434.	3.4	25
18	Phase separation drives the self-assembly of mitochondrial nucleoids for transcriptional modulation. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 900-908.	8.2	24

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19	Microtubule-Depolymerizing Kinesins in the Regulation of Assembly, Disassembly, and Length of Cilia and Flagella. <i>International Review of Cell and Molecular Biology</i> , 2015, 317, 241-265.	3.2	21
20	Ciliary transition zone proteins coordinate ciliary protein composition and ectosome shedding. <i>Nature Communications</i> , 2022, 13, .	12.8	16
21	Overexpression of microRNA-133b is associated with the increased survival of patients with hepatocellular carcinoma after curative hepatectomy: Involvement of the EGFR/PI3K/Akt/mTOR signaling pathway. <i>Oncology Reports</i> , 2017, 38, 141-150.	2.6	14
22	New class of transcription factors controls flagellar assembly by recruiting RNA polymerase II in <i>Chlamydomonas</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4435-4440.	7.1	14
23	Silencing of SOCS1 and SOCS3 suppresses renal interstitial fibrosis by alleviating renal tubular damage in a rat model of hydronephrosis. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2200-2211.	2.6	9
24	Antimicrobial cocktails to control bacterial and fungal contamination in <i>Chlamydomonas reinhardtii</i> cultures. <i>BioTechniques</i> , 2016, 60, 145-149.	1.8	6
25	An Empirical Study on Distance Education and Job Match. <i>Sustainability</i> , 2020, 12, 619.	3.2	4
26	Reconstruction of the middle hepatic vein using a vein graft from the resected portion of the liver. <i>Surgical Case Reports</i> , 2020, 6, 277.	0.6	4