

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	Screening membraneless organelle participants with machine-learning models that integrate multimodal features. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	34
2	Ciliary transition zone proteins coordinate ciliary protein composition and ectosome shedding. Nature Communications, 2022, 13, .	12.8	16
3	Loci-specific phase separation of FET fusion oncoproteins promotes gene transcription. Nature Communications, 2021, 12, 1491.	12.8	66
4	Homotypic clustering of L1 and B1/Alu repeats compartmentalizes the 3D genome. Cell Research, 2021, 31, 613-630.	12.0	105
5	Phase separation drives the self-assembly of mitochondrial nucleoids for transcriptional modulation. Nature Structural and Molecular Biology, 2021, 28, 900-908.	8.2	24
6	Phase-separated condensate-aided enrichment of biomolecular interactions for high-throughput drug screening in test tubes. Journal of Biological Chemistry, 2020, 295, 11420-11434.	3.4	25
7	Rett syndrome-causing mutations compromise MeCP2-mediated liquid-liquid phase separation of chromatin. Cell Research, 2020, 30, 393-407.	12.0	80
8	An Empirical Study on Distance Education and Job Match. Sustainability, 2020, 12, 619.	3.2	4
9	Reconstruction of the middle hepatic vein using a vein graft from the resected portion of the liver. Surgical Case Reports, 2020, 6, 277.	0.6	4
10	Histone Modifications Regulate Chromatin Compartmentalization by Contributing to a Phase Separation Mechanism. Molecular Cell, 2019, 76, 646-659.e6.	9.7	250
11	RNA Targets Ribogenesis Factor WDR43 to Chromatin for Transcription and Pluripotency Control. Molecular Cell, 2019, 75, 102-116.e9.	9.7	43
12	Arabidopsis FLL2 promotes liquid-liquid phase separation of polyadenylation complexes. Nature, 2019, 569, 265-269.	27.8	196
13	Rapid and high efficiency transformation of <i>Chlamydomonas reinhardtii</i> by square-wave electroporation. Bioscience Reports, 2019, 39, .	2.4	25
14	Plant HP1 protein ADCP1 links multivalent H3K9 methylation readout to heterochromatin formation. Cell Research, 2019, 29, 54-66.	12.0	83
15	New class of transcription factors controls flagellar assembly by recruiting RNA polymerase II in <i>Chlamydomonas</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4435-4440.	7.1	14
16	Quantified postsurgical small cell size CTCs and EpCAM+ circulating tumor stem cells with cytogenetic abnormalities in hepatocellular carcinoma patients determine cancer relapse. Cancer Letters, 2018, 412, 99-107.	7.2	69
17	Silencing of SOCS1 and SOCS3 suppresses renal interstitial fibrosis by alleviating renal tubular damage in a rat model of hydronephrosis. Journal of Cellular Biochemistry, 2018, 119, 2200-2211.	2.6	9
18	Protein Interaction Analysis Provides a Map of the Spatial and Temporal Organization of the Ciliary Gating Zone. Current Biology, 2017, 27, 2296-2306.e3.	3.9	38

#	ARTICLE	IF	CITATIONS
19	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
20	Antimicrobial cocktails to control bacterial and fungal contamination in <i>Chlamydomonas reinhardtii</i> cultures. <i>BioTechniques</i> , 2016, 60, 145-149.	1.8	6
21	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
22	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
23	Flagellar regeneration requires cytoplasmic microtubule depolymerization and kinesin-13. <i>Journal of Cell Science</i> , 2013, 126, 1531-40.	2.0	61
24	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
25	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
26	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