

Xueliang Zhu

List of Publications by Year in descending order

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48
papers

2,162
citations

257101

24
h-index

243296

44
g-index

100
all docs

100
docs citations

100
times ranked

3005
citing authors

#	ARTICLE	IF	CITATIONS
1	Nde1 is a Rab9 effector for loading late endosomes to cytoplasmic dynein motor complex. <i>Structure</i> , 2022, 30, 386-395.e5.	1.6	10
2	Self-construction of actin networks through phase separation-induced AblIM1 condensates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
3	Rab12 GTP hydrolysis licenses BBSome-mediated export to fine-tune ciliary signaling. <i>EMBO Journal</i> , 2021, 40, e105499.	3.5	26
4	Fibrogranular materials function as organizers to ensure the fidelity of multiciliary assembly. <i>Nature Communications</i> , 2021, 12, 1273.	5.8	21
5	Phase separation of EML4-ALK in firing downstream signaling and promoting lung tumorigenesis. <i>Cell Discovery</i> , 2021, 7, 33.	3.1	34
6	Wdr47, Camsaps, and Katanin cooperate to generate ciliary central microtubules. <i>Nature Communications</i> , 2021, 12, 5796.	5.8	22
7	Distinct architecture and composition of mouse axonemal radial spoke head revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	1
8	Cilia locally synthesize proteins to sustain their ultrastructure and functions. <i>Nature Communications</i> , 2021, 12, 6971.	5.8	19
9	Distinct architecture and composition of mouse axonemal radial spoke head revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
10	Characterisation of centriole biogenesis during multiciliation in planarians. <i>Biology of the Cell</i> , 2020, 112, 398-408.	0.7	4
11	Cep57 and Cep57l1 function redundantly to recruit the Cep63-Cep152 complex for centriole biogenesis. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	12
12	Liquid-liquid phase separation in biology: mechanisms, physiological functions and human diseases. <i>Science China Life Sciences</i> , 2020, 63, 953-985.	2.3	164
13	O-GlcNAc transferase regulates centriole behavior and intraflagellar transport to promote ciliogenesis. <i>Protein and Cell</i> , 2020, 11, 852-857.	4.8	23
14	ASK1-Mediated Phosphorylation Blocks HDAC6 Ubiquitination and Degradation to Drive the Disassembly of Photoreceptor Connecting Cilia. <i>Developmental Cell</i> , 2020, 53, 287-299.e5.	3.1	39
15	Wdr47 Controls Neuronal Polarization through the Camsap Family Microtubule Minus-End-Binding Proteins. <i>Cell Reports</i> , 2020, 31, 107526.	2.9	21
16	Regulation of zebrafish dorsoventral patterning by phase separation of RNA-binding protein Rbm14. <i>Cell Discovery</i> , 2019, 5, 37.	3.1	10
17	Parental centrioles are dispensable for deuterosome formation and function during basal body amplification. <i>EMBO Reports</i> , 2019, 20, .	2.0	41
18	Ciliary defects caused by dysregulation of O-GlcNAc modification are associated with diabetic complications. <i>Cell Research</i> , 2019, 29, 171-173.	5.7	28

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19	Rsph9 is critical for ciliary radial spoke assembly and central pair microtubule stability. <i>Biology of the Cell</i> , 2019, 111, 29-38.	0.7	17
20	Vertebrate Dynein-f depends on Wdr78 for axonemal localization and is essential for ciliary beat. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 383-394.	1.5	23
21	Microtubule-bundling protein Spef1 enables mammalian ciliary central apparatus formation. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 67-77.	1.5	32
22	Aurora A activation in mitosis promoted by BuGZ. <i>Journal of Cell Biology</i> , 2018, 217, 107-116.	2.3	31
23	abLIM1 constructs non-erythroid cortical actin networks to prevent mechanical tension-induced blebbing. <i>Cell Discovery</i> , 2018, 4, 42.	3.1	10
24	Cell Division Cycle 42 plays a Cell type-Specific role in Lung Tumorigenesis. <i>Scientific Reports</i> , 2017, 7, 10407.	1.6	9
25	Cytoplasmic E2f4 forms organizing centres for initiation of centriole amplification during multiciliogenesis. <i>Nature Communications</i> , 2017, 8, 15857.	5.8	42
26	PP2A in meiotic oocytes. <i>Cell Cycle</i> , 2016, 15, 1950-1951.	1.3	1
27	Autophagy protects ovarian cancer-associated fibroblasts against oxidative stress. <i>Cell Cycle</i> , 2016, 15, 1376-1385.	1.3	44
28	NudC regulates actin dynamics and ciliogenesis by stabilizing cofilin 1. <i>Cell Research</i> , 2016, 26, 239-253.	5.7	42
29	Production of Basal Bodies in bulk for dense multicilia formation. <i>F1000Research</i> , 2016, 5, 1533.	0.8	22
30	Essential Roles of Cyclin Y-Like 1 and Cyclin Y in Dividing Wnt-Responsive Mammary Stem/Progenitor Cells. <i>PLoS Genetics</i> , 2016, 12, e1006055.	1.5	27
31	Characterization of Tetratricopeptide Repeat-Containing Proteins Critical for Cilia Formation and Function. <i>PLoS ONE</i> , 2015, 10, e0124378.	1.1	45
32	CCNYL1, but Not CCNY, Cooperates with CDK16 to Regulate Spermatogenesis in Mouse. <i>PLoS Genetics</i> , 2015, 11, e1005485.	1.5	38
33	Cyclin Y Is Involved in the Regulation of Adipogenesis and Lipid Production. <i>PLoS ONE</i> , 2015, 10, e0132721.	1.1	15
34	Splicing function of mitotic regulators links R-loop-mediated DNA damage to tumor cell killing. <i>Journal of Cell Biology</i> , 2015, 209, 235-246.	2.3	57
35	RanGTP aids anaphase entry through Ubr5-mediated protein turnover. <i>Journal of Cell Biology</i> , 2015, 211, 7-18.	2.3	18
36	Phase Transition of Spindle-Associated Protein Regulate Spindle Apparatus Assembly. <i>Cell</i> , 2015, 163, 108-122.	13.5	243

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37	Phosphorylation of cyclin Y by CDK14 induces its ubiquitination and degradation. <i>FEBS Letters</i> , 2014, 588, 1989-1996.	1.3	11
38	A Microtubule-Associated Zinc Finger Protein, BuGZ, Regulates Mitotic Chromosome Alignment by Ensuring Bub3 Stability and Kinetochore Targeting. <i>Developmental Cell</i> , 2014, 28, 268-281.	3.1	71
39	The Cep63 paralogue Deup1 enables massive deÂnovo centriole biogenesis for vertebrate multiciliogenesis. <i>Nature Cell Biology</i> , 2013, 15, 1434-1444.	4.6	171
40	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics. <i>Nature Cell Biology</i> , 2012, 14, 697-706.	4.6	146
41	Seeing the Yin and Yang in Cell Biology. <i>Molecular Biology of the Cell</i> , 2010, 21, 3827-3828.	0.9	15
42	Nudel and FAK as Antagonizing Strength Modulators of Nascent Adhesions through Paxillin. <i>PLoS Biology</i> , 2009, 7, e1000116.	2.6	46
43	Requirement for Nudel and dynein for assembly of the lamin B spindle matrix. <i>Nature Cell Biology</i> , 2009, 11, 247-256.	4.6	105
44	Nudel Promotes Axonal Lysosome Clearance and EndoÂlysosome Formation via DyneinÂMediated Transport. <i>Traffic</i> , 2009, 10, 1337-1349.	1.3	35
45	Nudel Binds Cdc42GAP to Modulate Cdc42 Activity atÂthe Leading Edge of Migrating Cells. <i>Developmental Cell</i> , 2008, 14, 342-353.	3.1	69
46	Nudel functions in membrane traffic mainly through association with Lis1 and cytoplasmic dynein. <i>Journal of Cell Biology</i> , 2004, 164, 557-566.	2.3	115
47	Human Nudel and NudE as Regulators of Cytoplasmic Dynein in Poleward Protein Transport along the Mitotic Spindle. <i>Molecular and Cellular Biology</i> , 2003, 23, 1239-1250.	1.1	124
48	Characterization and gene structure of a novel retinoblastoma-protein-associated protein similar to the transcription regulator TFII-I. <i>Biochemical Journal</i> , 2000, 345, 749-757.	1.7	33