Xueliang Zhu

List of Publications by Year
in descending order

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48	2,162	257450 24	243625 44
papers	citations	h-index	g-index

100	100	100	3005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nde1 is a Rab9 effector for loading late endosomes to cytoplasmic dynein motor complex. Structure, 2022, 30, 386-395.e5.	3.3	10
2	Self-construction of actin networks through phase separationâ€“induced abLIM1 condensates. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	14
3	Rabl2 GTP hydrolysis licenses BBSomeâ€mediated export to fineâ€tune ciliary signaling. EMBO Journal, 2021, 40, e105499.	7.8	26
4	Fibrogranular materials function as organizers to ensure the fidelity of multiciliary assembly. Nature Communications, 2021, 12, 1273.	12.8	21
5	Phase separation of EML4â€“ALK in firing downstream signaling and promoting lung tumorigenesis. Cell Discovery, 2021, 7, 33.	6.7	34
6	Wdr47, Camsaps, and Katanin cooperate to generate ciliary central microtubules. Nature Communications, 2021, 12, 5796.	12.8	22
7	Distinct architecture and composition of mouse axonemal radial spoke head revealed by cryo-EM. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	1
8	Cilia locally synthesize proteins to sustain their ultrastructure and functions. Nature Communications, 2021, 12, 6971.	12.8	19
9	Distinct architecture and composition of mouse axonemal radial spoke head revealed by cryo-EM. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
10	Characterisation of centriole biogenesis during multiciliation in planarians. Biology of the Cell, 2020, 112, 398-408.	2.0	4
11	Cep57 and Cep57l1 function redundantly to recruit the Cep63-Cep152 complex for centriole biogenesis. Journal of Cell Science, 2020, 133, .	2.0	12
12	Liquid-liquid phase separation in biology: mechanisms, physiological functions and human diseases. Science China Life Sciences, 2020, 63, 953-985.	4.9	164
13	O-GlcNAc transferase regulates centriole behavior and intraflagellar transport to promote ciliogenesis. Protein and Cell, 2020, 11, 852-857.	11.0	23
14	ASK1-Mediated Phosphorylation Blocks HDAC6ÂUbiquitination and Degradation to Drive the Disassembly of Photoreceptor Connecting Cilia. Developmental Cell, 2020, 53, 287-299.e5.	7.0	39
15	Wdr47 Controls Neuronal Polarization through the Camsap Family Microtubule Minus-End-Binding Proteins. Cell Reports, 2020, 31, 107526.	6.4	21
16	Regulation of zebrafish dorsoventral patterning by phase separation of RNA-binding protein Rbm14. Cell Discovery, 2019, 5, 37.	6.7	10
17	Parental centrioles are dispensable for deuterosome formation and function during basal body amplification. EMBO Reports, 2019, 20, .	4.5	41
18	Ciliary defects caused by dysregulation of O-GlcNAc modification are associated with diabetic complications. Cell Research, 2019, 29, 171-173.	12.0	28

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19	Rsph9 is critical for ciliary radial spoke assembly and central pair microtubule stability. Biology of the Cell, 2019, 111, 29-38.	2.0	17
20	Vertebrate Dynein-f depends on Wdr78 for axonemal localization and is essential for ciliary beat. Journal of Molecular Cell Biology, 2019, 11, 383-394.	3.3	23
21	Microtubule-bundling protein Spef1 enables mammalian ciliary central apparatus formation. Journal of Molecular Cell Biology, 2019, 11, 67-77.	3.3	32
22	Aurora A activation in mitosis promoted by BuGZ. Journal of Cell Biology, 2018, 217, 107-116.	5.2	31
23	abLIM1 constructs non-erythroid cortical actin networks to prevent mechanical tension-induced blebbing. Cell Discovery, 2018, 4, 42.	6.7	10
24	Cell Division Cycle 42 plays a Cell type-Specific role in Lung Tumorigenesis. Scientific Reports, 2017, 7, 10407.	3.3	9
25	Cytoplasmic E2f4 forms organizing centres for initiation of centriole amplification during multiciliogenesis. Nature Communications, 2017, 8, 15857.	12.8	42
26	PP2A in meiotic oocytes. Cell Cycle, 2016, 15, 1950-1951.	2.6	1
27	Autophagy protects ovarian cancer-associated fibroblasts against oxidative stress. Cell Cycle, 2016, 15, 1376-1385.	2.6	44
28	NudC regulates actin dynamics and ciliogenesis by stabilizing cofilin 1. Cell Research, 2016, 26, 239-253.	12.0	42
29	Production of Basal Bodies in bulk for dense multicilia formation. F1000Research, 2016, 5, 1533.	1.6	22
30	Essential Roles of Cyclin Y-Like 1 and Cyclin Y in Dividing Wnt-Responsive Mammary Stem/Progenitor Cells. PLoS Genetics, 2016, 12, e1006055.	3.5	27
31	Characterization of Tetratricopeptide Repeat-Containing Proteins Critical for Cilia Formation and Function. PLoS ONE, 2015, 10, e0124378.	2.5	45
32	CCNYL1, but Not CCNY, Cooperates with CDK16 to Regulate Spermatogenesis in Mouse. PLoS Genetics, 2015, 11, e1005485.	3.5	38
33	Cyclin Y Is Involved in the Regulation of Adipogenesis and Lipid Production. PLoS ONE, 2015, 10, e0132721.	2.5	15
34	Splicing function of mitotic regulators links R-loopâ€“mediated DNA damage to tumor cell killing. Journal of Cell Biology, 2015, 209, 235-246.	5.2	57
35	RanGTP aids anaphase entry through Ubr5-mediated protein turnover. Journal of Cell Biology, 2015, 211, 7-18.	5.2	18
36	Phase Transition of Spindle-Associated Protein Regulate Spindle Apparatus Assembly. Cell, 2015, 163, 108-122.	28.9	243

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37	Phosphorylation of cyclin Y by CDK14 induces its ubiquitination and degradation. FEBS Letters, 2014, 588, 1989-1996.	2.8	11
38	A Microtubule-Associated Zinc Finger Protein, BuGZ, Regulates Mitotic Chromosome Alignment by Ensuring Bub3 Stability and Kinetochore Targeting. Developmental Cell, 2014, 28, 268-281.	7.0	71
39	The Cep63 paralogue Deup1 enables massive deÂnovo centriole biogenesis for vertebrate multiciliogenesis. Nature Cell Biology, 2013, 15, 1434-1444.	10.3	171
40	miR-129-3p controls cilia assembly by regulating CP110 and actin dynamics. Nature Cell Biology, 2012, 14, 697-706.	10.3	146
41	Seeing the Yin and Yang in Cell Biology. Molecular Biology of the Cell, 2010, 21, 3827-3828.	2.1	15
42	Nudel and FAK as Antagonizing Strength Modulators of Nascent Adhesions through Paxillin. PLoS Biology, 2009, 7, e1000116.	5.6	46
43	Requirement for Nudel and dynein for assembly of the lamin B spindle matrix. Nature Cell Biology, 2009, 11, 247-256.	10.3	105
44	Nudel Promotes Axonal Lysosome Clearance and Endoâ€lysosome Formation via Dyneinâ€Mediated Transport. Traffic, 2009, 10, 1337-1349.	2.7	35
45	Nudel Binds Cdc42GAP to Modulate Cdc42 Activity atÂthe Leading Edge of Migrating Cells. Developmental Cell, 2008, 14, 342-353.	7.0	69
46	Nudel functions in membrane traffic mainly through association with Lis1 and cytoplasmic dynein. Journal of Cell Biology, 2004, 164, 557-566.	5.2	115
47	Human Nudel and NudE as Regulators of Cytoplasmic Dynein in Poleward Protein Transport along the Mitotic Spindle. Molecular and Cellular Biology, 2003, 23, 1239-1250.	2.3	124
48	Characterization and gene structure of a novel retinoblastoma-protein-associated protein similar to the transcription regulator TFII-I. Biochemical Journal, 2000, 345, 749-757.	3.7	33