

Xiaodong Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microtubules and G β o-signaling modulate the preferential secretion of young insulin secretory granules in islet β^2 cells via independent pathways. PLoS ONE, 2021, 16, e0241939.	2.5	10
2	Microtubules regulate pancreatic β^2 -cell heterogeneity via spatiotemporal control of insulin secretion hot spots. ELife, 2021, 10, .	6.0	11
3	Cell Cycle-Dependent Dynamics of the Golgi-Centrosome Association in Motile Cells. Cells, 2020, 9, 1069.	4.1	13
4	Regulation of Glucose-Dependent Golgi-Derived Microtubules by cAMP/EPAC2 Promotes Secretory Vesicle Biogenesis in Pancreatic β^2 Cells. Current Biology, 2019, 29, 2339-2350.e5.	3.9	20
5	Regulation of the Pancreatic Exocrine Differentiation Program and Morphogenesis by Onecut 1/Hnf6. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 841-856.	4.5	15
6	Nonrandom β^3 -TuNA-dependent spatial pattern of microtubule nucleation at the Golgi. Molecular Biology of the Cell, 2017, 28, 3181-3192.	2.1	30
7	Podosome dynamics and location in vascular smooth muscle cells require CLASP-dependent microtubule bending. Cytoskeleton, 2016, 73, 300-315.	2.0	18
8	Podosome dynamics and location in vascular smooth muscle cells require CLASP-dependent microtubule bending. Cytoskeleton, 2016, 73, Spc1-Spc1.	2.0	1
9	Microtubules Negatively Regulate Insulin Secretion in Pancreatic β^2 Cells. Developmental Cell, 2015, 34, 656-668.	7.0	90
10	Podosome-regulating kinesin KIF1C translocates to the cell periphery in a CLASP-dependent manner. Journal of Cell Science, 2014, 127, 5179-88.	2.0	34
11	Microtubule segment stabilization by RASSF1A is required for proper microtubule dynamics and Golgi integrity. Molecular Biology of the Cell, 2014, 25, 800-810.	2.1	19
12	Golgi as an MTOC: making microtubules for its own good. Histochemistry and Cell Biology, 2013, 140, 361-367.	1.7	95
13	Modulation of Golgi-associated microtubule nucleation throughout the cell cycle. Cytoskeleton, 2013, 70, 32-43.	2.0	32
14	Proper regulation of Cdc42 activity is required for tight actin concentration at the equator during cytokinesis in adherent mammalian Cells. Experimental Cell Research, 2011, 317, 2384-2389.	2.6	15
15	Cortactin Controls Cell Motility and Lamellipodial Dynamics by Regulating ECM Secretion. Current Biology, 2011, 21, 1460-1469.	3.9	79
16	Quantification of Asymmetric Microtubule Nucleation at Subcellular Structures. Methods in Molecular Biology, 2011, 777, 235-244.	0.9	11
17	Aurora B Kinase Activity is Required to Prevent Polar Cortical Ingression during Cytokinesis. Cell Cycle, 2007, 6, 2549-2553.	2.6	16