Mingfu Wu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Imaging Hematopoietic Precursor Division in Real Time. Cell Stem Cell, 2007, 1, 541-554.	11.1	257
2	Epicardial Spindle Orientation Controls Cell Entry into the Myocardium. Developmental Cell, 2010, 19, 114-125.	7.0	102
3	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis. Developmental Cell, 2020, 54, 593-607.e5.	7.0	70
4	A novel noncanonical Wnt pathway is involved in the regulation of the asymmetric B cell division in C. elegans. Developmental Biology, 2006, 293, 316-329.	2.0	56
5	Intrinsic cellular chirality regulates left–right symmetry breaking during cardiac looping. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11568-E11577.	7.1	54
6	Numb family proteins are essential for cardiac morphogenesis and progenitor differentiation. Development (Cambridge), 2014, 141, 281-295.	2.5	50
7	Single-Cell Lineage Tracing Reveals that Oriented Cell Division Contributes to Trabecular Morphogenesis and Regional Specification. Cell Reports, 2016, 15, 158-170.	6.4	45
8	Intraflagellar transport protein RABL5/IFT22 recruits the BBSome to the basal body through the GTPase ARL6/BBS3. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2496-2505.	7.1	37
9	Mechanisms of Trabecular Formation and Specification During Cardiogenesis. Pediatric Cardiology, 2018, 39, 1082-1089.	1.3	32
10	Asymmetric localizations of LIN-17/Fz and MIG-5/Dsh are involved in the asymmetric B cell division in C. elegans. Developmental Biology, 2007, 303, 650-662.	2.0	29
11	Selective expression of TSPAN2 in vascular smooth muscle is independently regulated by TGFâ€Î²1/SMAD and myocardin/serum response factor. FASEB Journal, 2017, 31, 2576-2591.	0.5	27
12	Bardet–Biedl syndrome 3 protein promotes ciliary exit of the signaling protein phospholipase D via the BBSome. ELife, 2021, 10, .	6.0	27
13	<i>Chlamydomonas</i> IFT25 is dispensable for flagellar assembly but required to export the BBSome from flagella. Biology Open, 2017, 6, 1680-1691.	1.2	24
14	Cardiomyocyte orientation modulated by the Numb family proteins–N-cadherin axis is essential for ventricular wall morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15560-15569.	7.1	22
15	Numb family proteins: novel players in cardiac morphogenesis and cardiac progenitor cell differentiation. Biomolecular Concepts, 2015, 6, 137-148.	2.2	21
16	CDC42 is required for epicardial and pro-epicardial development by mediating FGF receptor trafficking to the plasma membrane. Development (Cambridge), 2017, 144, 1635-1647.	2.5	20
17	Notch signaling regulates Hey2 expression in a spatiotemporal dependent manner during cardiac morphogenesis and trabecular specification. Scientific Reports, 2018, 8, 2678.	3.3	20
18	<i>Chlamydomonas</i> LZTFL1 mediates phototaxis via controlling BBSome recruitment to the basal body and its reassembly at the ciliary tip. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18

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19	Transcriptional control of a novel long noncoding RNA Mymsl in smooth muscle cells by a single Cis-element and its initial functional characterization in vessels. Journal of Molecular and Cellular Cardiology, 2020, 138, 147-157.	1.9	14
20	The Spatiotemporal Expression of Notch1 and Numb and Their Functional Interaction during Cardiac Morphogenesis. Cells, 2021, 10, 2192.	4.1	8
21	Imaging Cleared Embryonic and Postnatal Hearts at Single-cell Resolution. Journal of Visualized Experiments, 2016, , .	0.3	5
22	Left Ventricular Noncompaction Is Associated with Valvular Regurgitation and a Variety of Arrhythmias. Journal of Cardiovascular Development and Disease, 2022, 9, 49.	1.6	5
23	Has the cardiac stem cell controversy settled down?. Science China Life Sciences, 2014, 57, 949-950.	4.9	3
24	CDC42 is required for epicardial and pro-epicardial development by mediating FGF receptor trafficking to the plasma membrane. Journal of Cell Science, 2017, 130, e1.2-e1.2.	2.0	2