

# Wei Yu

## List of Publications by Year in descending order

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26  
papers

3,032  
citations

361413

20  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3460  
citing authors

#	ARTICLE	IF	CITATIONS
1	PTEN-Mediated Apical Segregation of Phosphoinositides Controls Epithelial Morphogenesis through Cdc42. <i>Cell</i> , 2007, 128, 383-397.	28.9	653
2	Î²1-Integrin Orients Epithelial Polarity via Rac1 and Laminin. <i>Molecular Biology of the Cell</i> , 2005, 16, 433-445.	2.1	317
3	Phosphatidylinositol-3,4,5-trisphosphate regulates the formation of the basolateral plasma membrane in epithelial cells. <i>Nature Cell Biology</i> , 2006, 8, 963-970.	10.3	267
4	Epithelial polarity and tubulogenesis in vitro. <i>Trends in Cell Biology</i> , 2003, 13, 169-176.	7.9	230
5	SynNotch-CAR T cells overcome challenges of specificity, heterogeneity, and persistence in treating glioblastoma. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	215
6	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 507-513.	3.9	190
7	A Molecular Switch for the Orientation of Epithelial Cell Polarization. <i>Developmental Cell</i> , 2014, 31, 171-187.	7.0	175
8	Nudel functions in membrane traffic mainly through association with Lis1 and cytoplasmic dynein. <i>Journal of Cell Biology</i> , 2004, 164, 557-566.	5.2	115
9	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. <i>EMBO Reports</i> , 2008, 9, 923-929.	4.5	106
10	T cell circuits that sense antigen density with an ultrasensitive threshold. <i>Science</i> , 2021, 371, 1166-1171.	12.6	99
11	Hepatocyte Growth Factor Switches Orientation of Polarity and Mode of Movement during Morphogenesis of Multicellular Epithelial Structures. <i>Molecular Biology of the Cell</i> , 2003, 14, 748-763.	2.1	93
12	Formation of Cysts by Alveolar Type II Cells in Three-dimensional Culture Reveals a Novel Mechanism for Epithelial Morphogenesis. <i>Molecular Biology of the Cell</i> , 2007, 18, 1693-1700.	2.1	91
13	Precise T cell recognition programs designed by transcriptionally linking multiple receptors. <i>Science</i> , 2020, 370, 1099-1104.	12.6	85
14	Nudel Modulates Kinetochores Association and Function of Cytoplasmic Dynein in M Phase. <i>Molecular Biology of the Cell</i> , 2007, 18, 2656-2666.	2.1	80
15	Kinetochores dynein generates a poleward pulling force to facilitate congression and full chromosome alignment. <i>Cell Research</i> , 2007, 17, 701-712.	12.0	65
16	DNA scaffolds enable efficient and tunable functionalization of biomaterials for immune cell modulation. <i>Nature Nanotechnology</i> , 2021, 16, 214-223.	31.5	60
17	Morphological and Biochemical Analysis of Rac1 in Three-dimensional Epithelial Cell Cultures. <i>Methods in Enzymology</i> , 2006, 406, 676-691.	1.0	49
18	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. <i>Journal of Cell Biology</i> , 2013, 203, 359-372.	5.2	45

#	ARTICLE	IF	CITATIONS
19	Rac1 is required for reorientation of polarity and lumen formation through a PI 3-kinase-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1633-F1640.	2.7	37
20	Calmodulin Overexpression Causes Ca <sup>2+</sup> -Dependent Apoptosis of Pancreatic Î <sup>2</sup> Cells, Which Can Be Prevented by Inhibition of Nitric Oxide Synthase. <i>Laboratory Investigation</i> , 2002, 82, 1229-1239.	3.7	28
21	A Computational Approach to Understand In Vitro Alveolar Morphogenesis. <i>PLoS ONE</i> , 2009, 4, e4819.	2.5	15
22	Simple Rules Determine Distinct Patterns of Branching Morphogenesis. <i>Cell Systems</i> , 2019, 9, 221-227.	6.2	9
23	Formation of Multicellular Epithelial Structures. <i>Novartis Foundation Symposium</i> , 2008, , 193-205.	1.1	8
24	Classification of the frog lingual gland cells and their exocytotic features. <i>Journal of Electron Microscopy</i> , 1998, 47, 73-80.	0.9	0
25	Cholesterol-dependent modulation of dendrite outgrowth and microtubule stability in cultured neurons. <i>Journal of Neurochemistry</i> , 2002, 80, 940-940.	3.9	0
26	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. <i>Journal of General Physiology</i> , 2013, 142, 1425OIA43.	1.9	0