

# Andrew Wilde

## List of Publications by Citations

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43  
papers

3,126  
citations

28  
h-index

47  
g-index

47  
ext. papers

3,415  
ext. citations

10.5  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
43	Stimulation of microtubule aster formation and spindle assembly by the small GTPase Ran. <i>Science</i> , <b>1999</b> , 284, 1359-62	33.3	341
42	Bst-2/HM1.24 is a raft-associated apical membrane protein with an unusual topology. <i>Traffic</i> , <b>2003</b> , 4, 694-709	5.7	336
41	EGF receptor signaling stimulates SRC kinase phosphorylation of clathrin, influencing clathrin redistribution and EGF uptake. <i>Cell</i> , <b>1999</b> , 96, 677-87	56.2	299
40	Role of importin-beta in coupling Ran to downstream targets in microtubule assembly. <i>Science</i> , <b>2001</b> , 291, 653-6	33.3	282
39	Ran stimulates spindle assembly by altering microtubule dynamics and the balance of motor activities. <i>Nature Cell Biology</i> , <b>2001</b> , 3, 221-7	23.4	222
38	In vivo phosphorylation of adaptors regulates their interaction with clathrin. <i>Journal of Cell Biology</i> , <b>1996</b> , 135, 635-45	7.3	132
37	Conservation of core gene expression in vertebrate tissues. <i>Journal of Biology</i> , <b>2009</b> , 8, 33		127
36	A bacterial acetyltransferase destroys plant microtubule networks and blocks secretion. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002523	7.6	116
35	Structural basis for the activation of microtubule assembly by the EB1 and p150Glued complex. <i>Molecular Cell</i> , <b>2005</b> , 19, 449-60	17.6	115
34	NGF signals through TrkA to increase clathrin at the plasma membrane and enhance clathrin-mediated membrane trafficking. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 7325-33	6.6	114
33	Ran modulates spindle assembly by regulating a subset of TPX2 and Kid activities including Aurora A activation. <i>Journal of Cell Science</i> , <b>2003</b> , 116, 4791-8	5.3	98
32	Cleavage furrow organization requires PIP(2)-mediated recruitment of anillin. <i>Current Biology</i> , <b>2012</b> , 22, 64-9	6.3	80
31	The Fowler syndrome-associated protein FLVCR2 is an importer of heme. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 5318-24	4.8	72
30	A simple single-step procedure for small-scale preparation of Escherichia coli plasmids. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 1660	20.1	65
29	Poleward transport of TPX2 in the mammalian mitotic spindle requires dynein, Eg5, and microtubule flux. <i>Molecular Biology of the Cell</i> , <b>2010</b> , 21, 979-88	3.5	60
28	Anillin-dependent organization of septin filaments promotes intercellular bridge elongation and Chmp4B targeting to the abscission site. <i>Open Biology</i> , <b>2014</b> , 4, 130190	7	52
27	The role of Xgrip210 in gamma-tubulin ring complex assembly and centrosome recruitment. <i>Journal of Cell Biology</i> , <b>2000</b> , 151, 1525-36	7.3	51

26	Anillin-mediated targeting of peanut to pseudocleavage furrows is regulated by the GTPase Ran. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 3735-44	3.5	48
25	Ran localizes around the microtubule spindle in vivo during mitosis in Drosophila embryos. <i>Current Biology</i> , <b>2002</b> , 12, 1124-9	6.3	45
24	The Rho GTP exchange factor Lfc promotes spindle assembly in early mitosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9529-34	11.5	45
23	Ran is required before metaphase for spindle assembly and chromosome alignment and after metaphase for chromosome segregation and spindle midbody organization. <i>Molecular Biology of the Cell</i> , <b>2006</b> , 17, 2069-80	3.5	39
22	Complete reconstitution of clathrin basket formation with recombinant protein fragments: adaptor control of clathrin self-assembly. <i>Traffic</i> , <b>2000</b> , 1, 69-75	5.7	39
21	gamma-Tubulin complexes and their role in microtubule nucleation. <i>Current Topics in Developmental Biology</i> , <b>2000</b> , 49, 55-73	5.3	38
20	Identification, molecular characterization and immunolocalization of an isoform of the trans-Golgi-network (TGN)-specific integral membrane protein TGN38. <i>Biochemical Journal</i> , <b>1992</b> , 283 ( Pt 2), 313-6	3.8	38
19	Epitope mapping of two isoforms of a trans Golgi network specific integral membrane protein TGN38/41. <i>FEBS Letters</i> , <b>1992</b> , 313, 235-8	3.8	35
18	Phosphoinositide function in cytokinesis. <i>Current Biology</i> , <b>2011</b> , 21, R930-4	6.3	34
17	Dynamic release of nuclear RanGTP triggers TPX2-dependent microtubule assembly during the apoptotic execution phase. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 644-55	5.3	34
16	Cytokinesis requires localized F-actin filament production by an actin isoform specific nucleator. <i>Nature Communications</i> , <b>2017</b> , 8, 1530	17.4	33
15	The tyrosine-containing internalization motif in the cytoplasmic domain of TGN38/41 lies within a nascent helix. <i>Journal of Biological Chemistry</i> , <b>1994</b> , 269, 7131-6	5.4	28
14	Proteomic analysis of SRm160-containing complexes reveals a conserved association with cohesin. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 42227-36	5.4	26
13	The BAR domain of amphiphysin is required for cleavage furrow tip-tubule formation during cellularization in Drosophila embryos. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 1444-53	3.5	16
12	Chlamydia trachomatis inclusions induce asymmetric cleavage furrow formation and ingression failure in host cells. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 5011-22	4.8	14
11	Importin $\beta$ Mediates the Spatio-temporal Regulation of Anillin through a Noncanonical Nuclear Localization Signal. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 13500-9	5.4	12
10	"HURP on" we're off to the kinetochore!. <i>Journal of Cell Biology</i> , <b>2006</b> , 173, 829-31	7.3	9
9	Glycolytic metabolites are critical modulators of oocyte maturation and viability. <i>PLoS ONE</i> , <b>2013</b> , 8, e77612	7	7

8	The scaffold-protein IQGAP1 enhances and spatially restricts the actin-nucleating activity of Diaphanous-related formin 1 (DIAPH1). <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 3134-3147	5-4	5
7	Flightless anchors IQGAP1 and R-ras to mediate cell extension formation and matrix remodeling. <i>Molecular Biology of the Cell</i> , <b>2020</b> , 31, 1595-1610	3-5	4
6	Inhibition of polar actin assembly by astral microtubules is required for cytokinesis. <i>Nature Communications</i> , <b>2021</b> , 12, 2409	17-4	4
5	CDK11-cyclin L1 regulates abscission site assembly. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 18639-18649	5-4	2
4	The Role of the RanGTPase in Mitotic Spindle Assembly		2
3	The site of RanGTP generation can act as an organizational cue for mitotic microtubules. <i>Biology of the Cell</i> , <b>2011</b> , 103, 421-34	3-5	1
2	The Role of Ran in Regulating Microtubule Spindle Assembly <b>2001</b> , 85-104		
1	A lipid primes the final cut in dividing cells. <i>Science</i> , <b>2021</b> , 374, 1318-1319	33-3	