Andrew Wilde

List of Publications by Year
in descending order

45 papers	3,627 citations	172207 29 h-index	264894 42 g-index
47 all docs	47 docs citations	47 times ranked	4110 citing authors

#	Article	IF	Citations
1	Bst-2/HM1.24 Is a Raft-Associated Apical Membrane Protein with an Unusual Topology. Traffic, 2003, 4, 694-709.	1.3	378
2	Stimulation of Microtubule Aster Formation and Spindle Assembly by the Small GTPase Ran. Science, 1999, 284, 1359-1362.	6.0	369
3	EGF Receptor Signaling Stimulates SRC Kinase Phosphorylation of Clathrin, Influencing Clathrin Redistribution and EGF Uptake. Cell, 1999, 96, 677-687.	13.5	317
4	Role of Importin-beta in Coupling Ran to Downstream Targets in Microtubule Assembly. Science, 2001, 291, 653-656.	6.0	315
5	Ran stimulates spindle assembly by altering microtubule dynamics and the balance of motor activities. Nature Cell Biology, 2001, 3, 221-227.	4.6	237
6	A Bacterial Acetyltransferase Destroys Plant Microtubule Networks and Blocks Secretion. PLoS Pathogens, 2012, 8, e1002523.	2.1	178
7	Conservation of core gene expression in vertebrate tissues. Journal of Biology, 2009, 8, 33.	2.7	165
8	In vivo phosphorylation of adaptors regulates their interaction with clathrin.. Journal of Cell Biology, 1996, 135, 635-645.	2.3	144
9	Structural Basis for the Activation of Microtubule Assembly by the EB1 and p150Glued Complex. Molecular Cell, 2005, 19, 449-460.	4.5	121
10	NGF Signals through TrkA to Increase Clathrin at the Plasma Membrane and Enhance Clathrin-Mediated Membrane Trafficking. Journal of Neuroscience, 2000, 20, 7325-7333.	1.7	119
11	Ran modulates spindle assembly by regulating a subset of TPX2 and Kid activities including Aurora A activation. Journal of Cell Science, 2003, 116, 4791-4798.	1.2	105
12	Cleavage Furrow Organization Requires PIP2-Mediated Recruitment of Anillin. Current Biology, 2012, 22, 64-69.	1.8	104
13	The Fowler Syndrome-Associated Protein FLVCR2 Is an Importer of Heme. Molecular and Cellular Biology, 2010, 30, 5318-5324.	1.1	103
14	A simple single-step procedure for small-scale preparation ofEscherichia coliplasmids. Nucleic Acids Research, 1990, 18, 1660-1660.	6.5	82
15	Poleward Transport of TPX2 in the Mammalian Mitotic Spindle Requires Dynein, Eg5, and Microtubule Flux. Molecular Biology of the Cell, 2010, 21, 979-988.	0.9	77
16	Anillin-dependent organization of septin filaments promotes intercellular bridge elongation and Chmp4B targeting to the abscission site. Open Biology, 2014, 4, 130190.	1.5	75
17	Cytokinesis requires localized Î²-actin filament production by an actin isoform specific nucleator. Nature Communications, 2017, 8, 1530.	5.8	62
18	Anillin-mediated Targeting of Peanut to Pseudocleavage Furrows Is Regulated by the GTPase Ran. Molecular Biology of the Cell, 2008, 19, 3735-3744.	0.9	56

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19	The Role of Xgrip210 in Î³-Tubulin Ring Complex Assembly and Centrosome Recruitment. Journal of Cell Biology, 2000, 151, 1525-1536.	2.3	53
20	The Rho GTP exchange factor Lfc promotes spindle assembly in early mitosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9529-9534.	3.3	51
21	Ran Localizes around the Microtubule Spindle In Vivo during Mitosis in Drosophila Embryos. Current Biology, 2002, 12, 1124-1129.	1.8	47
22	Complete Reconstitution of Clathrin Basket Formation with Recombinant Protein Fragments: Adaptor Control of Clathrin Self-Assembly. Traffic, 2000, 1, 69-75.	1.3	44
23	Ran Is Required before Metaphase for Spindle Assembly and Chromosome Alignment and after Metaphase for Chromosome Segregation and Spindle Midbody Organization. Molecular Biology of the Cell, 2006, 17, 2069-2080.	0.9	44
24	Identification, molecular characterization and immunolocalization of an isoform of the trans-Golgi-network (TGN)-specific integral membrane protein TGN38. Biochemical Journal, 1992, 283, 313-316.	1.7	42
25	Î³-Tubulin complexes and their role in microtubule nucleation. Current Topics in Developmental Biology, 1999, 49, 55-73.	1.0	41
26	Phosphoinositide Function in Cytokinesis. Current Biology, 2011, 21, R930-R934.	1.8	41
27	Dynamic release of nuclear RanGTP triggers TPX2-dependent microtubule assembly during the apoptotic execution phase. Journal of Cell Science, 2009, 122, 644-655.	1.2	39
28	Epitope mapping of two isoforms of a trans Golgi network specific integral membrane protein TGN38/41. FEBS Letters, 1992, 313, 235-238.	1.3	37
29	The tyrosine-containing internalization motif in the cytoplasmic domain of TGN38/41 lies within a nascent helix. Journal of Biological Chemistry, 1994, 269, 7131-6.	1.6	29
30	Proteomic Analysis of SRm160-containing Complexes Reveals a Conserved Association with Cohesin. Journal of Biological Chemistry, 2005, 280, 42227-42236.	1.6	28
31	Importin Î²2 Mediates the Spatio-temporal Regulation of Anillin through a Noncanonical Nuclear Localization Signal. Journal of Biological Chemistry, 2015, 290, 13500-13509.	1.6	18
32	Inhibition of polar actin assembly by astral microtubules is required for cytokinesis. Nature Communications, 2021, 12, 2409.	5.8	18
33	Chlamydia trachomatis Inclusions Induce Asymmetric Cleavage Furrow Formation and Ingression Failure in Host Cells. Molecular and Cellular Biology, 2011, 31, 5011-5022.	1.1	17
34	The BAR domain of amphiphysin is required for cleavage furrow tipâ€“tubule formation during cellularization in Drosophila embryos. Molecular Biology of the Cell, 2013, 24, 1444-1453.	0.9	17
35	The scaffold-protein IQGAP1 enhances and spatially restricts the actin-nucleating activity of Diaphanous-related formin 1 (DIAPH1). Journal of Biological Chemistry, 2020, 295, 3134-3147.	1.6	11
36	â€œHURP onâ€•we're off to the kinetochore!. Journal of Cell Biology, 2006, 173, 829-831.	2.3	10

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37	Glycolytic Metabolites Are Critical Modulators of Oocyte Maturation and Viability. PLoS ONE, 2013, 8, e77612.	1.1	8
38	Ran out of the nucleus for apoptosis. Nature Cell Biology, 2009, 11, 11-12.	4.6	7
39	CDK11p58â€“cyclin L1Î² regulates abscission site assembly. Journal of Biological Chemistry, 2019, 294, 18639-18649.	1.6	7
40	Flightless anchors IQGAP1 and R-ras to mediate cell extension formation and matrix remodeling. Molecular Biology of the Cell, 2020, 31, 1595-1610.	0.9	7
41	The site of RanGTP generation can act as an organizational cue for mitotic microtubules. Biology of the Cell, 2011, 103, 421-434.	0.7	1
42	Phosphoinositide Function in Cytokinesis. Current Biology, 2012, 22, 91.	1.8	1
43	Clathrin assembly: phosphorylation and peptides provide new tools. Trends in Cell Biology, 1997, 7, 47.	3.6	0
44	The Role of Ran in Regulating Microtubule Spindle Assembly. , 2001, , 85-104.		0
45	A lipid primes the final cut in dividing cells. Science, 2021, 374, 1318-1319.	6.0	0