Victoria J Allan

List of Publications by Year
in descending order

57 papers	4,892 citations	136950 32 h-index	155660 55 g-index
61 all docs	61 docs citations	61 times ranked	6452 citing authors

#	Article	IF	Citations
1	Light Microscopy Techniques for Live Cell Imaging. Science, 2003, 300, 82-86.	12.6	1,127
2	Mitochondrial Function and Actin Regulate Dynamin-Related Protein 1-Dependent Mitochondrial Fission. Current Biology, 2005, 15, 678-683.	3.9	320
3	The role of the cytoskeleton and molecular motors in endosomal dynamics. Seminars in Cell and Developmental Biology, 2014, 31, 20-29.	5.0	213
4	Cytoplasmic dynein regulates the subcellular distribution of mitochondria by controlling the recruitment of the fission factor dynamin-related protein-1. Journal of Cell Science, 2004, 117, 4389-4400.	2.0	208
5	Caspase-mediated cleavage of the stacking protein GRASP65 is required for Golgi fragmentation during apoptosis. Journal of Cell Biology, 2002, 156, 495-509.	5.2	207
6	Motoring around the Golgi. Nature Cell Biology, 2002, 4, E236-E242.	10.3	184
7	Dynein is required for receptor sorting and the morphogenesis of early endosomes. Nature Cell Biology, 2007, 9, 113-120.	10.3	169
8	The Inner Tegument Promotes Herpes Simplex Virus Capsid Motility Along Microtubules in vitro. Traffic, 2006, 7, 227-237.	2.7	150
9	Cytoplasmic dynein. Biochemical Society Transactions, 2011, 39, 1169-1178.	3.4	139
10	Involvement of conventional kinesin in glucose-stimulated secretory granule movements and exocytosis in clonal pancreatic Î²-cells. Journal of Cell Science, 2002, 115, 4177-4189.	2.0	137
11	Active relocation of chromatin and endoplasmic reticulum into blebs in late apoptotic cells. Journal of Cell Science, 2005, 118, 4059-4071.	2.0	128
12	Role of kinesin-1 and cytoplasmic dynein in endoplasmic reticulum movement in VERO cells. Journal of Cell Science, 2009, 122, 1979-1989.	2.0	112
13	Functional interplay between LIS1, NDE1 and NDEL1 in dynein-dependent organelle positioning. Journal of Cell Science, 2010, 123, 202-212.	2.0	105
14	Membrane motors. Current Opinion in Cell Biology, 1999, 11, 476-482.	5.4	99
15	Silencing Cenp-F weakens centromeric cohesion, prevents chromosome alignment and activates the spindle checkpoint. Journal of Cell Science, 2005, 118, 4889-4900.	2.0	99
16	Microtubule-based membrane movement. BBA - Biomembranes, 1998, 1376, 27-55.	8.0	92
17	Microtubule-based Endoplasmic Reticulum Motility inXenopus laevis: Activation of Membrane-associated Kinesin during Development. Molecular Biology of the Cell, 1999, 10, 1909-1922.	2.1	90
18	Cargo selection by specific kinesin light chain 1 isoforms. EMBO Journal, 2006, 25, 5457-5468.	7.8	85

#	Article	IF	Citations
19	Kinesin I and cytoplasmic dynein orchestrate glucose-stimulated insulin-containing vesicle movements in clonal MIN6 Î²-cells. Biochemical and Biophysical Research Communications, 2003, 311, 272-282.	2.1	79
20	Caspase-mediated cleavage of syntaxin 5 and giantin accompanies inhibition of secretory traffic during apoptosis. Journal of Cell Science, 2004, 117, 1139-1150.	2.0	76
21	Roles of Dynein and Dynactin in Early Endosome Dynamics Revealed Using Automated Tracking and Global Analysis. PLoS ONE, 2011, 6, e24479.	2.5	68
22	Motor proteins: A dynamic duo. Current Biology, 1996, 6, 630-633.	3.9	66
23	Involvement of Î²-COP in membrane traffic through the Golgi complex. Trends in Cell Biology, 1991, 1, 14-19.	7.9	65
24	Two kinesin-related proteins associated with the cold-stable cytoskeleton of carrot cells: characterization of a novel kinesin, DcKRP120-2. Plant Journal, 2000, 24, 859-868.	5.7	62
25	Molecular motors and the Golgi complex: Staying put and moving through. Seminars in Cell and Developmental Biology, 2009, 20, 784-792.	5.0	57
26	Apoptotic Cleavage of Cytoplasmic Dynein Intermediate Chain and P150GluedStops Dynein-Dependent Membrane Motility. Journal of Cell Biology, 2001, 153, 1415-1426.	5.2	55
27	The flexibility and dynamics of the tubules in the endoplasmic reticulum. Scientific Reports, 2017, 7, 16474.	3.3	48
28	Phosphorylation by cdc2-CyclinB1 Kinase Releases Cytoplasmic Dynein from Membranes. Journal of Biological Chemistry, 2001, 276, 15939-15944.	3.4	44
29	How and why does the endoplasmic reticulum move?. Biochemical Society Transactions, 2009, 37, 961-965.	3.4	42
30	Membrane traffic motors. FEBS Letters, 1995, 369, 101-106.	2.8	41
31	Intermediate Filaments: Vimentin Moves in. Current Biology, 2002, 12, R596-R598.	3.9	37
32	Intertwined and Finely Balanced: Endoplasmic Reticulum Morphology, Dynamics, Function, and Diseases. Cells, 2021, 10, 2341.	4.1	37
33	Deciphering anomalous heterogeneous intracellular transport with neural networks. ELife, 2020, 9, .	6.0	35
34	Tumour Suppressor Adenomatous Polyposis Coli (APC) localisation is regulated by both Kinesin-1 and Kinesin-2. Scientific Reports, 2016, 6, 27456.	3.3	34
35	Dynein light intermediate chains maintain spindle bipolarity by functioning in centriole cohesion. Journal of Cell Biology, 2014, 207, 499-516.	5.2	31
36	N-Terminal Kinesins: Many and Various. Traffic, 2004, 5, 400-410.	2.7	29

#	Article	IF	Citations
37	Modes of correlated angular motion in live cells across three distinct time scales. Physical Biology, 2013, 10, 036002.	1.8	28
38	Role of motor proteins in organizing the endoplasmic reticulum and Golgi apparatus. Seminars in Cell and Developmental Biology, 1996, 7, 335-342.	5.0	27
39	Memory effects and LÃ©vy walk dynamics in intracellular transport of cargoes. Physical Review E, 2018, 98, .	2.1	26
40	Organelle Movement: Dynactin: portrait of a dynein regulator. Current Biology, 1994, 4, 1000-1002.	3.9	25
41	Efa6 protects axons and regulates their growth and branching by inhibiting microtubule polymerisation at the cortex. ELife, 2019, 8, .	6.0	25
42	Brefeldin A-dependent Membrane Tubule Formation Reconstituted In Vitro Is Driven by a Cell Cycleâ€“regulated Microtubule Motor. Molecular Biology of the Cell, 2000, 11, 941-955.	2.1	23
43	ESCRT-0 marks an APPL1-independent transit route for EGFR between the cell surface and the EEA1-positive early endosome. Journal of Cell Science, 2015, 128, 755-67.	2.0	23
44	Dynactin. Current Biology, 2000, 10, R432.	3.9	21
45	Local Analysis of Heterogeneous Intracellular Transport: Slow and Fast Moving Endosomes. Entropy, 2021, 23, 958.	2.2	18
46	First-passage-probability analysis of active transport in live cells. Physical Review E, 2012, 86, 031910.	2.1	17
47	Catch and pull a microtubule: getting a grasp on the cortex. Nature Cell Biology, 2001, 3, E226-E228.	10.3	16
48	Network organisation and the dynamics of tubules in the endoplasmic reticulum. Scientific Reports, 2021, 11, 16230.	3.3	15
49	Cytokeratin intermediate filament organisation and dynamics in the vegetal cortex of livingXenopus laevisoocytes and eggs. Cytoskeleton, 2003, 56, 13-26.	4.4	14
50	The first passage probability of intracellular particle trafficking. Physical Chemistry Chemical Physics, 2010, 12, 3753.	2.8	13
51	One, two, three, cytoplasmic dynein is go!. Science, 2014, 345, 271-272.	12.6	12
52	A human infertility-associated KASH5 variant promotes mitochondrial localization. Scientific Reports, 2021, 11, 10133.	3.3	6
53	Variable-order fractional master equation and clustering of particles: non-uniform lysosome distribution. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200317.	3.4	5
54	Carrier Motility. , 2009, , 233-253.		3

#	Article	IF	Citations
55	Microtubule motors: moving forward on many fronts. F1000 Biology Reports, 2009, 1, 52.	4.0	2
56	Corrigendum to: â€˜Microtubule-based membrane movementâ€™. BBA - Biomembranes, 1999, 1422, 205.	8.0	1
57	Mitosis in motion. Trends in Cell Biology, 1996, 6, 34-36.	7.9	0