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	A human infertility-associated KASH5 variant promotes mitochondrial localization. Scientific Reports, 2021, 11, 10133.	3.3	6
2	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
3	Local Analysis of Heterogeneous Intracellular Transport: Slow and Fast Moving Endosomes. Entropy, 2021, 23, 958.	2.2	18
4	Network organisation and the dynamics of tubules in the endoplasmic reticulum. Scientific Reports, 2021, 11, 16230.	3.3	15
5	Intertwined and Finely Balanced: Endoplasmic Reticulum Morphology, Dynamics, Function, and Diseases. Cells, 2021, 10, 2341.	4.1	37
6	Deciphering anomalous heterogeneous intracellular transport with neural networks. ELife, 2020, 9, .	6.0	35
7	Efa6 protects axons and regulates their growth and branching by inhibiting microtubule polymerisation at the cortex. ELife, 2019, 8, .	6.0	25
8	Memory effects and LÃ©vy walk dynamics in intracellular transport of cargoes. Physical Review E, 2018, 98, .	2.1	26
9	The flexibility and dynamics of the tubules in the endoplasmic reticulum. Scientific Reports, 2017, 7, 16474.	3.3	48
10	Tumour Suppressor Adenomatous Polyposis Coli (APC) localisation is regulated by both Kinesin-1 and Kinesin-2. Scientific Reports, 2016, 6, 27456.	3.3	34
11	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
12	Dynein light intermediate chains maintain spindle bipolarity by functioning in centriole cohesion. Journal of Cell Biology, 2014, 207, 499-516.	5.2	31
13	The role of the cytoskeleton and molecular motors in endosomal dynamics. Seminars in Cell and Developmental Biology, 2014, 31, 20-29.	5.0	213
14	One, two, three, cytoplasmic dynein is go!. Science, 2014, 345, 271-272.	12.6	12
15	Modes of correlated angular motion in live cells across three distinct time scales. Physical Biology, 2013, 10, 036002.	1.8	28
16	First-passage-probability analysis of active transport in live cells. Physical Review E, 2012, 86, 031910.	2.1	17
17	Cytoplasmic dynein. Biochemical Society Transactions, 2011, 39, 1169-1178.	3.4	139
18	Roles of Dynein and Dynactin in Early Endosome Dynamics Revealed Using Automated Tracking and Global Analysis. PLoS ONE, 2011, 6, e24479.	2.5	68

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19	Functional interplay between LIS1, NDE1 and NDEL1 in dynein-dependent organelle positioning. Journal of Cell Science, 2010, 123, 202-212.	2.0	105
20	The first passage probability of intracellular particle trafficking. Physical Chemistry Chemical Physics, 2010, 12, 3753.	2.8	13
21	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
22	Molecular motors and the Golgi complex: Staying put and moving through. Seminars in Cell and Developmental Biology, 2009, 20, 784-792.	5.0	57
23	How and why does the endoplasmic reticulum move?. Biochemical Society Transactions, 2009, 37, 961-965.	3.4	42
24	Carrier Motility. , 2009, , 233-253.		3
25	Microtubule motors: moving forward on many fronts. F1000 Biology Reports, 2009, 1, 52.	4.0	2
26	Dynein is required for receptor sorting and the morphogenesis of early endosomes. Nature Cell Biology, 2007, 9, 113-120.	10.3	169
27	The Inner Tegument Promotes Herpes Simplex Virus Capsid Motility Along Microtubules in vitro. Traffic, 2006, 7, 227-237.	2.7	150
28	Cargo selection by specific kinesin light chain 1 isoforms. EMBO Journal, 2006, 25, 5457-5468.	7.8	85
29	Mitochondrial Function and Actin Regulate Dynamin-Related Protein 1-Dependent Mitochondrial Fission. Current Biology, 2005, 15, 678-683.	3.9	320
30	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
31	Active relocation of chromatin and endoplasmic reticulum into blebs in late apoptotic cells. Journal of Cell Science, 2005, 118, 4059-4071.	2.0	128
32	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
33	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
34	N-Terminal Kinesins: Many and Various. Traffic, 2004, 5, 400-410.	2.7	29
35	Cytokeratin intermediate filament organisation and dynamics in the vegetal cortex of livingXenopus laevisoocytes and eggs. Cytoskeleton, 2003, 56, 13-26.	4.4	14
36	Light Microscopy Techniques for Live Cell Imaging. Science, 2003, 300, 82-86.	12.6	1,127

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37	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
38	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
39	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
40	Intermediate Filaments: Vimentin Moves in. Current Biology, 2002, 12, R596-R598.	3.9	37
41	Motoring around the Golgi. Nature Cell Biology, 2002, 4, E236-E242.	10.3	184
42	Catch and pull a microtubule: getting a grasp on the cortex. Nature Cell Biology, 2001, 3, E226-E228.	10.3	16
43	Apoptotic Cleavage of Cytoplasmic Dynein Intermediate Chain and P150GluedStops Dynein-Dependent Membrane Motility. Journal of Cell Biology, 2001, 153, 1415-1426.	5.2	55
44	Phosphorylation by cdc2-CyclinB1 Kinase Releases Cytoplasmic Dynein from Membranes. Journal of Biological Chemistry, 2001, 276, 15939-15944.	3.4	44
45	Dynactin. Current Biology, 2000, 10, R432.	3.9	21
46	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
47	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
48	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
49	Corrigendum to: â€˜Microtubule-based membrane movementâ€™. BBA - Biomembranes, 1999, 1422, 205.	8.0	1
50	Membrane motors. Current Opinion in Cell Biology, 1999, 11, 476-482.	5.4	99
51	Microtubule-based membrane movement. BBA - Biomembranes, 1998, 1376, 27-55.	8.0	92
52	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
53	Mitosis in motion. Trends in Cell Biology, 1996, 6, 34-36.	7.9	0
54	Motor proteins: A dynamic duo. Current Biology, 1996, 6, 630-633.	3.9	66

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55	Membrane traffic motors. FEBS Letters, 1995, 369, 101-106.	2.8	41
56	Organelle Movement: Dynactin: portrait of a dynein regulator. Current Biology, 1994, 4, 1000-1002.	3.9	25
57	Involvement of Î²-COP in membrane traffic through the Golgi complex. Trends in Cell Biology, 1991, 1, 14-19.	7.9	65