

# Mark P Dodding

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,318  
citations

394421

19  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1637  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Coupling viruses to dynein and kinesin-1. <i>EMBO Journal</i> , 2011, 30, 3527-3539.   | 7.8  | 188       |
| 2  | The Dynamic Localization of Cytoplasmic Dynein in Neurons Is Driven by Kinesin-1. <i>Neuron</i> , 2016, 90, 1000-1015.   | 8.1  | 95        |
| 3  | A kinesin-1 binding motif in vaccinia virus that is widespread throughout the human genome. <i>EMBO Journal</i> , 2011, 30, 4523-4538.   | 7.8  | 86        |
| 4  | Structural Basis for Kinesin-1: Cargo Recognition. <i>Science</i> , 2013, 340, 356-359.  | 12.6 | 85        |
| 5  | Folliculin directs the formation of a Rab34-RILP complex to control the nutrient-dependent dynamic distribution of lysosomes. <i>EMBO Reports</i> , 2016, 17, 823-841.                                     | 4.5  | 85        |
| 6  | Trim-Cyclophilin A Fusion Proteins Can Restrict Human Immunodeficiency Virus Type 1 Infection at Two Distinct Phases in the Viral Life Cycle. <i>Journal of Virology</i> , 2006, 80, 4061-4067.            | 3.4  | 70        |
| 7  | TRIM5 $\pm$ Cytoplasmic Bodies Are Highly Dynamic Structures. <i>Molecular Biology of the Cell</i> , 2007, 18, 2102-2111.  | 2.1  | 61        |
| 8  | A small-molecule activator of kinesin-1 drives remodeling of the microtubule network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13738-13743.     | 7.1  | 57        |
| 9  | Motor cargo adaptors at the organelle-cytoskeleton interface. <i>Current Opinion in Cell Biology</i> , 2019, 59, 16-23.  | 5.4  | 56        |
| 10 | F11-Mediated Inhibition of RhoA Signalling Enhances the Spread of Vaccinia Virus In Vitro and In Vivo in an Intranasal Mouse Model of Infection. <i>PLoS ONE</i> , 2009, 4, e8506.                         | 2.5  | 53        |
| 11 | Structure of B-MLV Capsid Amino-terminal Domain Reveals Key Features of Viral Tropism, Gag Assembly and Core Formation. <i>Journal of Molecular Biology</i> , 2008, 376, 1493-1508.                        | 4.2  | 50        |
| 12 | The light chains of kinesin-1 are autoinhibited. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2418-2423.  | 7.1  | 50        |
| 13 | Nck- and N-WASP-Dependent Actin-Based Motility Is Conserved in Divergent Vertebrate Poxviruses. <i>Cell Host and Microbe</i> , 2009, 6, 536-550.   | 11.0 | 46        |
| 14 | Capsid Processing Requirements for Abrogation of Fv1 and Ref1 Restriction. <i>Journal of Virology</i> , 2005, 79, 10571-10577.   | 3.4  | 45        |
| 15 | Clathrin Potentiates Vaccinia-Induced Actin Polymerization to Facilitate Viral Spread. <i>Cell Host and Microbe</i> , 2012, 12, 346-359.   | 11.0 | 44        |
| 16 | Vaccinia Virus F11 Promotes Viral Spread by Acting as a PDZ-Containing Scaffolding Protein to Bind Myosin-9A and Inhibit RhoA Signaling. <i>Cell Host and Microbe</i> , 2013, 14, 51-62.                   | 11.0 | 40        |
| 17 | An E2-F12 complex is required for intracellular enveloped virus morphogenesis during vaccinia infection. <i>Cellular Microbiology</i> , 2009, 11, 808-824.   | 2.1  | 39        |
| 18 | Vaccinia-induced epidermal growth factor receptor-MEK signalling and the anti-apoptotic protein F1L synergize to suppress cell death during infection. <i>Cellular Microbiology</i> , 2009, 11, 1208-1218. | 2.1  | 36        |

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|----|---|------|-----------|
| 19 | In situ cryo-electron tomography reveals filamentous actin within the microtubule lumen. <i>Journal of Cell Biology</i> , 2020, 219, .                      | 5.2  | 32        |
| 20 | Structural basis for isoform-specific kinesin-1 recognition of Y-acidic cargo adaptors. <i>ELife</i> , 2018, 7, .   | 6.0  | 26        |
| 21 | SKIP controls lysosome positioning using a composite kinesin-1 heavy and light chain binding domain. <i>Journal of Cell Science</i> , 2017, 130, 1637-1651. | 2.0  | 25        |
| 22 | De novo designed peptides for cellular delivery and subcellular localisation. <i>Nature Chemical Biology</i> , 2022, 18, 999-1004.                          | 8.0  | 16        |
| 23 | Folliculin “ A tumor suppressor at the intersection of metabolic signaling and membrane traffic. <i>Small GTPases</i> , 2017, 8, 100-105.                   | 1.6  | 8         |
| 24 | Kinesin-1 captures RNA cargo in its adaptable coils. <i>Genes and Development</i> , 2021, 35, 937-939.  | 5.9  | 8         |
| 25 | Fragment-linking peptide design yields a high-affinity ligand for microtubule-based transport. <i>Cell Chemical Biology</i> , 2021, 28, 1347-1355.e5.       | 5.2  | 7         |
| 26 | Molecular mechanism for kinesin-1 direct membrane recognition. <i>Science Advances</i> , 2021, 7, .   | 10.3 | 5         |
| 27 | Backseat drivers: Regulation of dynein motility. <i>Cell Research</i> , 2014, 24, 1385-1386.  | 12.0 | 0         |