

The First Five Seconds in the Life of a Clathrin-Coated P

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Citation Report

#	ARTICLE	IF	CITATIONS
1	How vesicles put on their coat. <i>Nature Methods</i> , 2012, 9, 948-948.	9.0	0
2	Dynamics of Intracellular Clathrin/AP1- and Clathrin/AP3-Containing Carriers. <i>Cell Reports</i> , 2012, 2, 1111-1119.	2.9	55
3	Bending membranes. <i>Nature Cell Biology</i> , 2012, 14, 906-908.	4.6	74
4	Science and politics: Picking a winner. <i>Nature Cell Biology</i> , 2012, 14, 891-891.	4.6	0
5	Diversity of Clathrin Function: New Tricks for an Old Protein. <i>Annual Review of Cell and Developmental Biology</i> , 2012, 28, 309-336.	4.0	181
7	The non-canonical roles of clathrin and actin in pathogen internalization, egress and spread. <i>Nature Reviews Microbiology</i> , 2013, 11, 551-560.	13.6	43
8	A cost-benefit analysis of the physical mechanisms of membrane curvature. <i>Nature Cell Biology</i> , 2013, 15, 1019-1027.	4.6	194
9	The Clathrin Adaptor Complex AP-2 Mediates Endocytosis of BRASSINOSTEROID INSENSITIVE1 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 2986-2997.	3.1	171
10	Budding and braking news about clathrin-mediated endocytosis. <i>Current Opinion in Plant Biology</i> , 2013, 16, 718-725.	3.5	33
11	Cdc42 and the RhoGEF Intersectin-1 collaborate with Nck to promote N-WASP-dependent actin polymerisation. <i>Journal of Cell Science</i> , 2014, 127, 673-85.	1.2	52
12	Ultrafast endocytosis at mouse hippocampal synapses. <i>Nature</i> , 2013, 504, 242-247.	13.7	502
13	Imaging cell biology in live animals: Ready for prime time. <i>Journal of Cell Biology</i> , 2013, 201, 969-979.	2.3	110
14	Membrane bending: the power of protein imbalance. <i>Trends in Biochemical Sciences</i> , 2013, 38, 576-584.	3.7	46
15	Advances in Analysis of Low Signal-to-Noise Images Link Dynamin and AP2 to the Functions of an Endocytic Checkpoint. <i>Developmental Cell</i> , 2013, 26, 279-291.	3.1	330
16	Initiation of clathrin-mediated endocytosis: All you need is two?. <i>BioEssays</i> , 2013, 35, 425-429.	1.2	7
17	The clathrin adaptor complexes as a paradigm for membrane-associated allosterity. <i>Protein Science</i> , 2013, 22, 517-529.	3.1	50
18	Clathrin-Mediated Endocytosis. , 2013, , 1-31.		7
19	From uncertain beginnings: Initiation mechanisms of clathrin-mediated endocytosis. <i>Journal of Cell Biology</i> , 2013, 203, 717-725.	2.3	68

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20	The Endocytosis of Cellulose Synthase in Arabidopsis Is Dependent on β 2, a Clathrin-Mediated Endocytosis Adaptor. <i>Plant Physiology</i> , 2013, 163, 150-160.	2.3	145
21	Two tyrosine-based sorting signals in the Cx43 C-terminus cooperate to mediate gap junction endocytosis. <i>Molecular Biology of the Cell</i> , 2013, 24, 2834-2848.	0.9	45
22	NECAP 1 Regulates AP-2 Interactions to Control Vesicle Size, Number, and Cargo During Clathrin-Mediated Endocytosis. <i>PLoS Biology</i> , 2013, 11, e1001670.	2.6	61
23	Regulation of ubiquitin-dependent cargo sorting by multiple endocytic adaptors at the plasma membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11857-11862.	3.3	57
24	Quantifying the dynamic interactions between a clathrin-coated pit and cargo molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4591-600.	3.3	73
25	The <i>SpollQ</i> landmark protein has different requirements for septal localization and immobilization. <i>Molecular Microbiology</i> , 2013, 89, 1053-1068.	1.2	18
26	LMBD1 Protein Serves as a Specific Adaptor for Insulin Receptor Internalization. <i>Journal of Biological Chemistry</i> , 2013, 288, 32424-32432.	1.6	32
27	Identification and Dynamics of <i>Arabidopsis</i> Adaptor Protein-2 Complex and Its Involvement in Floral Organ Development. <i>Plant Cell</i> , 2013, 25, 2958-2969.	3.1	121
28	A clathrin coat assembly role for the muniscin protein central linker revealed by TALEN-mediated gene editing. <i>ELife</i> , 2014, 3, .	2.8	59
29	Reshaping biological membranes in endocytosis: crossing the configurational space of membrane-protein interactions. <i>Biological Chemistry</i> , 2014, 395, 275-283.	1.2	13
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31	The Molecular Mechanisms Underlying Synaptic Transmission. , 2014, , 21-109.		6
32	Ligand-specific endocytic dwell times control functional selectivity of the cannabinoid receptor 1. <i>Nature Communications</i> , 2014, 5, 4589.	5.8	81
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34	The Biochemical Properties and Functions of CALM and AP180 in Clathrin Mediated Endocytosis. <i>Membranes</i> , 2014, 4, 388-413.	1.4	19
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39	Retromer and the dynamin Vps1 cooperate in the retrieval of transmembrane proteins from vacuoles. <i>Journal of Cell Science</i> , 2015, 128, 645-55.	1.2	44
40	Rho GTPases, phosphoinositides, and actin. <i>Small GTPases</i> , 2014, 5, e29469.	0.7	69
41	Tagging Endogenous Loci for Live-Cell Fluorescence Imaging and Molecule Counting Using ZFNs, TALENs, and Cas9. <i>Methods in Enzymology</i> , 2014, 546, 139-160.	0.4	32
42	Flat clathrin lattices: stable features of the plasma membrane. <i>Molecular Biology of the Cell</i> , 2014, 25, 3581-3594.	0.9	103
43	Dynamics and instabilities of lipid bilayer membrane shapes. <i>Advances in Colloid and Interface Science</i> , 2014, 208, 76-88.	7.0	44
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53	Rab Proteins and the Compartmentalization of the Endosomal System. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a022616-a022616.	2.3	483
54	Force Generation in B-Cell Synapses. <i>Advances in Immunology</i> , 2014, 123, 69-100.	1.1	40
55	Imaging the Dynamics of Endocytosis in Live Mammalian Tissues. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a017012-a017012.	2.3	13

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56	Imaging and Modeling the Dynamics of Clathrin-Mediated Endocytosis. Cold Spring Harbor Perspectives in Biology, 2014, 6, a017038-a017038.	2.3	44
57	Bending "On the Rocks"--A Cocktail of Biophysical Modules to Build Endocytic Pathways. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016741-a016741.	2.3	66
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67	Distinct Temporal Regulation of RET Isoform Internalization: Roles of Clathrin and AP2. Traffic, 2015, 16, 1155-1173.	1.3	22
68	Forty Years of Clathrin-coated Vesicles. Traffic, 2015, 16, 1210-1238.	1.3	278
69	Membrane protrusion powers clathrin-independent endocytosis of interleukin-2 receptor. EMBO Journal, 2015, 34, 2147-2161.	3.5	39
70	Visualizing the functional architecture of the endocytic machinery. ELife, 2015, 4, .	2.8	112
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80	Ultrafast Tracking of a Single Live Virion During the Invagination of a Cell Membrane. <i>Small</i> , 2015, 11, 2782-2788.	5.2	27
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82	Endocytic sites mature by continuous bending and remodeling of the clathrin coat. <i>Science</i> , 2015, 348, 1369-1372.	6.0	216
83	Recruitment of RNA polymerase II by the pioneer transcription factor PHA-4. <i>Science</i> , 2015, 348, 1372-1376.	6.0	65
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91	HIV-1 Nef hijacks clathrin coats by stabilizing AP-1:Arf1 polygons. <i>Science</i> , 2015, 350, aac5137.	6.0	39
92	Deep and high-resolution three-dimensional tracking of single particles using nonlinear and multiplexed illumination. <i>Nature Communications</i> , 2015, 6, 7874.	5.8	81

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93	CELLULOSE SYNTHASE INTERACTIVE1 Is Required for Fast Recycling of Cellulose Synthase Complexes to the Plasma Membrane in Arabidopsis. <i>Plant Cell</i> , 2015, 27, tpc.15.00442.	3.1	57
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139	Probing Dynamic Heterogeneity in Aggregated Ion Channels in Live Cells. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13716-13723.	1.5	1
140	Regulation of Clathrin-Mediated Endocytosis. <i>Annual Review of Biochemistry</i> , 2018, 87, 871-896.	5.0	381
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148	Surface Immobilization of Viruses and Nanoparticles Elucidates Early Events in Clathrin-Mediated Endocytosis. <i>ACS Infectious Diseases</i> , 2018, 4, 1585-1600.	1.8	18
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162	Minimizing ATP depletion by oxygen scavengers for single-molecule fluorescence imaging in live cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5706-E5715.	3.3	11
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