## Linton M Traub

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3019224/publications.pdf Version: 2024-02-01



LINTON M TRAUR

#	Article	IF	CITATIONS
1	Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. Annual Review of Biochemistry, 2003, 72, 395-447.	11.1	1,850
2	Tickets to ride: selecting cargo for clathrin-regulated internalization. Nature Reviews Molecular Cell Biology, 2009, 10, 583-596.	37.0	483
3	Sorting it out. Journal of Cell Biology, 2003, 163, 203-208.	5.2	309
4	Biochemical dissection of AP-1 recruitment onto Golgi membranes Journal of Cell Biology, 1993, 123, 561-573.	5.2	295
5	Disabled-2 exhibits the properties of a cargo-selective endocytic clathrin adaptor. EMBO Journal, 2002, 21, 4915-4926.	7.8	269
6	Cargo Recognition in Clathrin-Mediated Endocytosis. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016790-a016790.	5.5	244
7	The trans-Golgi network: a late secretory sorting station. Current Opinion in Cell Biology, 1997, 9, 527-533.	5.4	208
8	Sorting in the endosomal system in yeast and animal cells. Current Opinion in Cell Biology, 2000, 12, 457-466.	5.4	188
9	Accessory Protein Recruitment Motifs in Clathrin-Mediated Endocytosis. Structure, 2002, 10, 797-809.	3.3	185
10	Common principles in clathrin-mediated sorting at the Golgi and the plasma membrane. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 415-437.	4.1	177
11	Exocytosis in mast cells by basic secretagogues: evidence for direct activation of GTP-binding proteins Journal of Cell Biology, 1990, 111, 909-917.	5.2	171
12	Molecular Switches Involving the AP-2 β2 Appendage Regulate Endocytic Cargo Selection and Clathrin Coat Assembly. Developmental Cell, 2006, 10, 329-342.	7.0	166
13	Crystal structure of the  appendage of AP-2 reveals a recruitment platform for clathrin-coat assembly. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8907-8912.	7.1	161
14	The autosomal recessive hypercholesterolemia (ARH) protein interfaces directly with the clathrin-coat machinery. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16099-16104.	7.1	158
15	Epsin 1 is a Polyubiquitin-Selective Clathrin-Associated Sorting Protein. Traffic, 2006, 7, 262-281.	2.7	153
16	Syp1 is a conserved endocytic adaptor that contains domains involved in cargo selection and membrane tubulation. EMBO Journal, 2009, 28, 3103-3116.	7.8	138
17	Epsin Binds to Clathrin by Associating Directly with the Clathrin-terminal Domain. Journal of Biological Chemistry, 2000, 275, 6479-6489.	3.4	132
18	A Single Common Portal for Clathrin-mediated Endocytosis of Distinct Cargo Governed by Cargo-selective Adaptors. Molecular Biology of the Cell, 2006, 17, 4300-4317.	2.1	118

LINTON M TRAUB

#	Article	IF	CITATIONS
19	AP-2-containing clathrin coats assemble on mature lysosomes Journal of Cell Biology, 1996, 135, 1801-1814.	5.2	115
20	Clathrin- and AP-2-binding Sites in HIP1 Uncover a General Assembly Role for Endocytic Accessory Proteins. Journal of Biological Chemistry, 2001, 276, 46230-46236.	3.4	113
21	Two distinct interaction motifs in amphiphysin bind two independent sites on the clathrin terminal domain β-propeller. Nature Structural and Molecular Biology, 2004, 11, 242-248.	8.2	110
22	Genetics, Clinical Phenotype, and Molecular Cell Biology of Autosomal Recessive Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1963-1970.	2.4	106
23	Clathrin-mediated Endocytosis of the Epithelial Sodium Channel. Journal of Biological Chemistry, 2006, 281, 14129-14135.	3.4	103
24	Niemann-Pick Type C1 (NPC1) Overexpression Alters Cellular Cholesterol Homeostasis. Journal of Biological Chemistry, 2000, 275, 38445-38451.	3.4	101
25	ADP-Ribosylation Factor 1 Transiently Activates High-Affinity Adaptor Protein Complex AP-1 Binding Sites On Golgi Membranes. Molecular Biology of the Cell, 1998, 9, 1323-1337.	2.1	99
26	Coupled Inositide Phosphorylation and Phospholipase D Activation Initiates Clathrin-coat Assembly on Lysosomes. Journal of Biological Chemistry, 1999, 274, 17794-17805.	3.4	99
27	Epsin 1 is Involved in Recruitment of Ubiquitinated EGF Receptors into Clathrinâ€Coated Pits. Traffic, 2009, 10, 235-245.	2.7	95
28	Transient Fcho1/2â‹Eps15/Râ‹AP-2 Nanoclusters Prime the AP-2 Clathrin Adaptor for Cargo Binding. Developmental Cell, 2016, 37, 428-443.	7.0	92
29	Different Domains of the AP-1 Adaptor Complex Are Required for Golgi Membrane Binding and Clathrin Recruitment. Journal of Biological Chemistry, 1995, 270, 4933-4942.	3.4	89
30	Decoding ubiquitin sorting signals for clathrin-dependent endocytosis by CLASPs. Journal of Cell Science, 2007, 120, 543-553.	2.0	86
31	Endocytic Adaptor Molecules Reveal an Endosomal Population of Clathrin by Total Internal Reflection Fluorescence Microscopy. Journal of Biological Chemistry, 2004, 279, 13190-13204.	3.4	80
32	Distinct and separable activities of the endocytic clathrin-coat components Fcho1/2 and AP-2 in developmental patterning. Nature Cell Biology, 2012, 14, 488-501.	10.3	80
33	Dual Engagement Regulation of Protein Interactions with the AP-2 Adaptor $\hat{I}\pm$ Appendage. Journal of Biological Chemistry, 2004, 279, 46191-46203.	3.4	71
34	Cargo Selection in Vesicular Transport: The Making and Breaking of a Coat. Traffic, 2002, 3, 537-546.	2.7	70
35	Interaction of Two Structurally Distinct Sequence Types with the Clathrin Terminal Domain β-Propeller. Journal of Biological Chemistry, 2001, 276, 28700-28709.	3.4	66
36	A clathrin coat assembly role for the muniscin protein central linker revealed by TALEN-mediated gene editing. ELife, 2014, 3, .	6.0	59

LINTON M TRAUB

#	Article	IF	CITATIONS
37	Functional Dissection of an AP-2 β2 Appendage-binding Sequence within the Autosomal Recessive Hypercholesterolemia Protein. Journal of Biological Chemistry, 2005, 280, 19270-19280.	3.4	58
38	Posttranslational Cleavage and Adaptor Protein Complex-dependent Trafficking of Mucolipin-1. Journal of Biological Chemistry, 2006, 281, 12751-12759.	3.4	56
39	AMN Directs Endocytosis of the Intrinsic Factor-Vitamin B12 Receptor Cubam by Engaging ARH or Dab2. Traffic, 2010, 11, 706-720.	2.7	52
40	Getting in Touch with the Clathrin Terminal Domain. Traffic, 2012, 13, 511-519.	2.7	51
41	High-Affinity Binding Of The AP-1 Adaptor Complex to Trans-Golgi Network Membranes Devoid Of Mannose 6-Phosphate Receptors. Molecular Biology of the Cell, 1999, 10, 537-549.	2.1	50
42	A Novel AP-2 Adaptor Interaction Motif Initially Identified in the Long-splice Isoform of Synaptojanin 1, SJ170. Journal of Biological Chemistry, 2004, 279, 2281-2290.	3.4	50
43	Cholesterol Overload Promotes Morphogenesis of a Niemann-Pick C (NPC)-like Compartment Independent of Inhibition of NPC1 or HE1/NPC2 Function. Journal of Biological Chemistry, 2001, 276, 46414-46421.	3.4	44
44	The AP-2 Adaptor β2 Appendage Scaffolds Alternate Cargo Endocytosis. Molecular Biology of the Cell, 2008, 19, 5309-5326.	2.1	44
45	Clathrin Regulates the Association of PIPKIÎ <sup>3</sup> 661 with the AP-2 Adaptor Î <sup>2</sup> 2 Appendage. Journal of Biological Chemistry, 2009, 284, 13924-13939.	3.4	44
46	Regarding the Amazing Choreography of Clathrin Coats. PLoS Biology, 2011, 9, e1001037.	5.6	42
47	Clathrin-associated adaptor proteins — putting it all together. Trends in Cell Biology, 1997, 7, 43-46.	7.9	40
48	Molecular structures of coat and coat-associated proteins: function follows form. Current Opinion in Cell Biology, 2006, 18, 395-406.	5.4	39
49	Structural Requirements for PACSIN/Syndapin Operation during Zebrafish Embryonic Notochord Development. PLoS ONE, 2009, 4, e8150.	2.5	39
50	A Chimeric Preâ€ubiquitinated EGF Receptor is Constitutively Endocytosed in a Clathrinâ€Dependent, but Kinaseâ€Independent Manner. Traffic, 2011, 12, 507-520.	2.7	37
51	Clathrin Couture: Fashioning Distinctive Membrane Coats at the Cell Surface. PLoS Biology, 2009, 7, e1000192.	5.6	32
52	Cellular and viral peptides bind multiple sites on the Nâ€ŧerminal domain of clathrin. Traffic, 2017, 18, 44-57.	2.7	30
53	Protein kinase C-mediated phosphorylation of retinal rod outer segment membrane proteins. Cellular Signalling, 1989, 1, 519-531.	3.6	24
54	AP-1B: polarized sorting at the endosome. Nature Cell Biology, 2003, 5, 1045-1047.	10.3	24

LINTON M TRAUB

#	Article	IF	CITATIONS
55	Clathrin Functions in the Absence of the Terminal Domain Binding Site for Adaptor-associated Clathrin-Box Motifs. Molecular Biology of the Cell, 2009, 20, 3401-3413.	2.1	22
56	Requirement for a Uroplakin 3a-Like Protein in the Development of Zebrafish Pronephric Tubule Epithelial Cell Function, Morphogenesis, and Polarity. PLoS ONE, 2012, 7, e41816.	2.5	18
57	A nanobody-based molecular toolkit provides new mechanistic insight into clathrin-coat initiation. ELife, 2019, 8, .	6.0	18
58	The apoptotic engulfment protein Ced-6 participates in clathrin-mediated yolk uptake in <i>Drosophila</i> egg chambers. Molecular Biology of the Cell, 2012, 23, 1742-1764.	2.1	17
59	FCHO controls AP2's initiating role in endocytosis through a PtdIns(4,5)P <sub>2</sub> -dependent switch. Science Advances, 2022, 8, eabn2018.	10.3	14
60	F-BAR/EFC Domain Proteins: Some Assembly Required. Developmental Cell, 2015, 35, 664-666.	7.0	10
61	Cargo-sorting signals promote polymerization of adaptor protein-1 in an Arf-1·GTP-independent manner. Archives of Biochemistry and Biophysics, 2008, 479, 63-68.	3.0	9
62	Internalization of LDL-receptor superfamily yolk-protein receptors during mosquito oogenesis involves transcriptional regulation of PTB-domain adaptors. Journal of Cell Science, 2008, 121, 1264-1274.	2.0	9
63	How to don a coat. Nature, 2010, 465, 556-557.	27.8	7
64	Interleukin-1 and synovial protein kinase C: Identification of a novel, 35 kDa cytosolic substrate. Agents and Actions, 1991, 34, 278-281.	0.7	6
65	Visualization of Clathrin-Mediated Endocytosis in Live Drosophila Egg Chambers. Methods in Molecular Biology, 2014, 1174, 349-360.	0.9	6
66	Clathrin. Developmental Cell, 2004, 7, 283-284.	7.0	3
67	Synovial protein kinase C and its apparent insensitivity to interleukin-1. FEBS Journal, 1992, 209, 81-88.	0.2	2
68	Epsin 1 is a Polyubiquitin-Selective Clathrin-Associated Sorting Protein. Traffic, 2006, 7, 927-927.	2.7	2
69	A Phosphotyrosine Switch for Cargo Sequestration at Clathrin-coated Buds. Journal of Biological Chemistry, 2014, 289, 17497-17514.	3.4	2
70	Endocytosis. Cell, 2001, 107, 272-274.	28.9	0
71	Cargo selection in vesicular transport: The making and breaking of a coat. Traffic 2002; 3(8): 537 - 546. Traffic, 2002, 3, 762-762.	2.7	0

5

#	Article	IF	CITATIONS
73	An <i>MBoC</i> Favorite: Regulation of the vitellogenin receptor during <i>Drosophila melanogaster</i> oogenesis. Molecular Biology of the Cell, 2012, 23, 3277-3277.	2.1	0
74	Clathrin Adaptor Proteins in Cargo Endocytosis. , 2006, , 62-75.		0
75	Ernst Joachim Ungewickell: 1950–2020. Journal of Cell Biology, 2020, 219, .	5.2	0