

Linton M Traub

List of Publications by Year in descending order

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75
papers

7,950
citations

66234

42
h-index

88477

70
g-index

81
all docs

81
docs citations

81
times ranked

7116
citing authors

#	ARTICLE	IF	CITATIONS
1	Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. Annual Review of Biochemistry, 2003, 72, 395-447.	5.0	1,850
2	Tickets to ride: selecting cargo for clathrin-regulated internalization. Nature Reviews Molecular Cell Biology, 2009, 10, 583-596.	16.1	483
3	Sorting it out. Journal of Cell Biology, 2003, 163, 203-208.	2.3	309
4	Biochemical dissection of AP-1 recruitment onto Golgi membranes.. Journal of Cell Biology, 1993, 123, 561-573.	2.3	295
5	Disabled-2 exhibits the properties of a cargo-selective endocytic clathrin adaptor. EMBO Journal, 2002, 21, 4915-4926.	3.5	269
6	Cargo Recognition in Clathrin-Mediated Endocytosis. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016790-a016790.	2.3	244
7	The trans-Golgi network: a late secretory sorting station. Current Opinion in Cell Biology, 1997, 9, 527-533.	2.6	208
8	Sorting in the endosomal system in yeast and animal cells. Current Opinion in Cell Biology, 2000, 12, 457-466.	2.6	188
9	Accessory Protein Recruitment Motifs in Clathrin-Mediated Endocytosis. Structure, 2002, 10, 797-809.	1.6	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.	1.9	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.	2.3	171
12	Molecular Switches Involving the AP-2 $\hat{2}$ Appendage Regulate Endocytic Cargo Selection and Clathrin Coat Assembly. Developmental Cell, 2006, 10, 329-342.	3.1	166
13	Crystal structure of the \hat{A} 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.	3.3	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.	3.3	158
15	Epsin 1 is a Polyubiquitin-Selective Clathrin-Associated Sorting Protein. Traffic, 2006, 7, 262-281.	1.3	153
16	Syp1 is a conserved endocytic adaptor that contains domains involved in cargo selection and membrane tubulation. EMBO Journal, 2009, 28, 3103-3116.	3.5	138
17	Epsin Binds to Clathrin by Associating Directly with the Clathrin-terminal Domain. Journal of Biological Chemistry, 2000, 275, 6479-6489.	1.6	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.	0.9	118

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19	AP-2-containing clathrin coats assemble on mature lysosomes.. Journal of Cell Biology, 1996, 135, 1801-1814.	2.3	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.	1.6	113
21	Two distinct interaction motifs in amphiphysin bind two independent sites on the clathrin terminal domain \hat{I}^2 -propeller. Nature Structural and Molecular Biology, 2004, 11, 242-248.	3.6	110
22	Genetics, Clinical Phenotype, and Molecular Cell Biology of Autosomal Recessive Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1963-1970.	1.1	106
23	Clathrin-mediated Endocytosis of the Epithelial Sodium Channel. Journal of Biological Chemistry, 2006, 281, 14129-14135.	1.6	103
24	Niemann-Pick Type C1 (NPC1) Overexpression Alters Cellular Cholesterol Homeostasis. Journal of Biological Chemistry, 2000, 275, 38445-38451.	1.6	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.	0.9	99
26	Coupled Inositide Phosphorylation and Phospholipase D Activation Initiates Clathrin-coat Assembly on Lysosomes. Journal of Biological Chemistry, 1999, 274, 17794-17805.	1.6	99
27	Epsin 1 is Involved in Recruitment of Ubiquitinated EGF Receptors into Clathrin-Coated Pits. Traffic, 2009, 10, 235-245.	1.3	95
28	Transient Fcho1/2-Eps15/AP-2 Nanoclusters Prime the AP-2 Clathrin Adaptor for Cargo Binding. Developmental Cell, 2016, 37, 428-443.	3.1	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.	1.6	89
30	Decoding ubiquitin sorting signals for clathrin-dependent endocytosis by CLASPs. Journal of Cell Science, 2007, 120, 543-553.	1.2	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.	1.6	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.	4.6	80
33	Dual Engagement Regulation of Protein Interactions with the AP-2 Adaptor \hat{I}^2 Appendage. Journal of Biological Chemistry, 2004, 279, 46191-46203.	1.6	71
34	Cargo Selection in Vesicular Transport: The Making and Breaking of a Coat. Traffic, 2002, 3, 537-546.	1.3	70
35	Interaction of Two Structurally Distinct Sequence Types with the Clathrin Terminal Domain \hat{I}^2 -Propeller. Journal of Biological Chemistry, 2001, 276, 28700-28709.	1.6	66
36	A clathrin coat assembly role for the muniscin protein central linker revealed by TALEN-mediated gene editing. ELife, 2014, 3, .	2.8	59

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37	Functional Dissection of an AP-2 $\hat{2}$ Appendage-binding Sequence within the Autosomal Recessive Hypercholesterolemia Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 19270-19280.	1.6	58
38	Posttranslational Cleavage and Adaptor Protein Complex-dependent Trafficking of Mucolipin-1. <i>Journal of Biological Chemistry</i> , 2006, 281, 12751-12759.	1.6	56
39	AMN Directs Endocytosis of the Intrinsic Factor-Vitamin B12 Receptor Cubam by Engaging ARH or Dab2. <i>Traffic</i> , 2010, 11, 706-720.	1.3	52
40	Getting in Touch with the Clathrin Terminal Domain. <i>Traffic</i> , 2012, 13, 511-519.	1.3	51
41	High-Affinity Binding Of The AP-1 Adaptor Complex to Trans-Golgi Network Membranes Devoid Of Mannose 6-Phosphate Receptors. <i>Molecular Biology of the Cell</i> , 1999, 10, 537-549.	0.9	50
42	A Novel AP-2 Adaptor Interaction Motif Initially Identified in the Long-splice Isoform of Synaptojanin 1, SJ170. <i>Journal of Biological Chemistry</i> , 2004, 279, 2281-2290.	1.6	50
43	Cholesterol Overload Promotes Morphogenesis of a Niemann-Pick C (NPC)-like Compartment Independent of Inhibition of NPC1 or HE1/NPC2 Function. <i>Journal of Biological Chemistry</i> , 2001, 276, 46414-46421.	1.6	44
44	The AP-2 Adaptor $\hat{2}$ Appendage Scaffolds Alternate Cargo Endocytosis. <i>Molecular Biology of the Cell</i> , 2008, 19, 5309-5326.	0.9	44
45	Clathrin Regulates the Association of PIPK $\hat{3}$ 661 with the AP-2 Adaptor $\hat{2}$ Appendage. <i>Journal of Biological Chemistry</i> , 2009, 284, 13924-13939.	1.6	44
46	Regarding the Amazing Choreography of Clathrin Coats. <i>PLoS Biology</i> , 2011, 9, e1001037.	2.6	42
47	Clathrin-associated adaptor proteins â€” putting it all together. <i>Trends in Cell Biology</i> , 1997, 7, 43-46.	3.6	40
48	Molecular structures of coat and coat-associated proteins: function follows form. <i>Current Opinion in Cell Biology</i> , 2006, 18, 395-406.	2.6	39
49	Structural Requirements for PACSIN/Syndapin Operation during Zebrafish Embryonic Notochord Development. <i>PLoS ONE</i> , 2009, 4, e8150.	1.1	39
50	A Chimeric Pre-ubiquitinated EGF Receptor is Constitutively Endocytosed in a Clathrin-Dependent, but Kinase-Independent Manner. <i>Traffic</i> , 2011, 12, 507-520.	1.3	37
51	Clathrin Couture: Fashioning Distinctive Membrane Coats at the Cell Surface. <i>PLoS Biology</i> , 2009, 7, e1000192.	2.6	32
52	Cellular and viral peptides bind multiple sites on the N-terminal domain of clathrin. <i>Traffic</i> , 2017, 18, 44-57.	1.3	30
53	Protein kinase C-mediated phosphorylation of retinal rod outer segment membrane proteins. <i>Cellular Signalling</i> , 1989, 1, 519-531.	1.7	24
54	AP-1B: polarized sorting at the endosome. <i>Nature Cell Biology</i> , 2003, 5, 1045-1047.	4.6	24

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55	Clathrin Functions in the Absence of the Terminal Domain Binding Site for Adaptor-associated Clathrin-Box Motifs. <i>Molecular Biology of the Cell</i> , 2009, 20, 3401-3413.	0.9	22
56	Requirement for a Uroplakin 3a-Like Protein in the Development of Zebrafish Pronephric Tubule Epithelial Cell Function, Morphogenesis, and Polarity. <i>PLoS ONE</i> , 2012, 7, e41816.	1.1	18
57	A nanobody-based molecular toolkit provides new mechanistic insight into clathrin-coat initiation. <i>ELife</i> , 2019, 8, .	2.8	18
58	The apoptotic engulfment protein Ced-6 participates in clathrin-mediated yolk uptake in <i>Drosophila</i> egg chambers. <i>Molecular Biology of the Cell</i> , 2012, 23, 1742-1764.	0.9	17
59	FCHO controls AP2's initiating role in endocytosis through a PtdIns(4,5)P 2 -dependent switch. <i>Science Advances</i> , 2022, 8, eabn2018.	4.7	14
60	F-BAR/EFC Domain Proteins: Some Assembly Required. <i>Developmental Cell</i> , 2015, 35, 664-666.	3.1	10
61	Cargo-sorting signals promote polymerization of adaptor protein-1 in an Arf-1-GTP-independent manner. <i>Archives of Biochemistry and Biophysics</i> , 2008, 479, 63-68.	1.4	9
62	Internalization of LDL-receptor superfamily yolk-protein receptors during mosquito oogenesis involves transcriptional regulation of PTB-domain adaptors. <i>Journal of Cell Science</i> , 2008, 121, 1264-1274.	1.2	9
63	How to don a coat. <i>Nature</i> , 2010, 465, 556-557.	13.7	7
64	Interleukin-1 and synovial protein kinase C: Identification of a novel, 35 kDa cytosolic substrate. <i>Agents and Actions</i> , 1991, 34, 278-281.	0.7	6
65	Visualization of Clathrin-Mediated Endocytosis in Live <i>Drosophila</i> Egg Chambers. <i>Methods in Molecular Biology</i> , 2014, 1174, 349-360.	0.4	6
66	Clathrin. <i>Developmental Cell</i> , 2004, 7, 283-284.	3.1	3
67	Synovial protein kinase C and its apparent insensitivity to interleukin-1. <i>FEBS Journal</i> , 1992, 209, 81-88.	0.2	2
68	Epsin 1 is a Polyubiquitin-Selective Clathrin-Associated Sorting Protein. <i>Traffic</i> , 2006, 7, 927-927.	1.3	2
69	A Phosphotyrosine Switch for Cargo Sequestration at Clathrin-coated Buds. <i>Journal of Biological Chemistry</i> , 2014, 289, 17497-17514.	1.6	2
70	Endocytosis. <i>Cell</i> , 2001, 107, 272-274.	13.5	0
71	Cargo selection in vesicular transport: The making and breaking of a coat. <i>Traffic</i> 2002; 3(8): 537 - 546. <i>Traffic</i> , 2002, 3, 762-762.	1.3	0
72	PTB Domains. , 2005, , 117-141.		0

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73	An <i>MBoC</i> Favorite: Regulation of the vitellogenin receptor during <i>Drosophila melanogaster</i> oogenesis. <i>Molecular Biology of the Cell</i> , 2012, 23, 3277-3277.	0.9	0
74	Clathrin Adaptor Proteins in Cargo Endocytosis. , 2006, , 62-75.		0
75	Ernst Joachim Ungewickell: 1950â€“2020. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	0