

Margaret S Robinson

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

7,209
citations

87723

38
h-index

197535

49
g-index

61
all docs

61
docs citations

61
times ranked

7244
citing authors

#	ARTICLE	IF	CITATIONS
1	Clathrin-mediated endocytosis in AP-2-depleted cells. <i>Journal of Cell Biology</i> , 2003, 162, 909-918.	2.3	618
2	Adaptable adaptors for coated vesicles. <i>Trends in Cell Biology</i> , 2004, 14, 167-174.	3.6	602
3	Adaptor-related proteins. <i>Current Opinion in Cell Biology</i> , 2001, 13, 444-453.	2.6	485
4	Mutation in AP-3 in the mocha Mouse Links Endosomal Transport to Storage Deficiency in Platelets, Melanosomes, and Synaptic Vesicles. <i>Neuron</i> , 1998, 21, 111-122.	3.8	382
5	Characterization of the Adaptor-related Protein Complex, AP-3. <i>Journal of Cell Biology</i> , 1997, 137, 835-845.	2.3	358
6	A Family of Proteins with β -Adaptin and Vhs Domains That Facilitate Trafficking between the Trans-Golgi Network and the Vacuole/Lysosome. <i>Journal of Cell Biology</i> , 2000, 149, 67-80.	2.3	315
7	Forty Years of Clathrin-coated Vesicles. <i>Traffic</i> , 2015, 16, 1210-1238.	1.3	278
8	Characterization of a Fourth Adaptor-related Protein Complex. <i>Molecular Biology of the Cell</i> , 1999, 10, 2787-2802.	0.9	276
9	Phosphatidylinositol-(4,5)-Bisphosphate Regulates Sorting Signal Recognition by the Clathrin-Associated Adaptor Complex AP2. <i>Molecular Cell</i> , 2005, 18, 519-531.	4.5	257
10	The Fifth Adaptor Protein Complex. <i>PLoS Biology</i> , 2011, 9, e1001170.	2.6	241
11	Functions of Adaptor Protein (AP)-3 and AP-1 in Tyrosinase Sorting from Endosomes to Melanosomes. <i>Molecular Biology of the Cell</i> , 2005, 16, 5356-5372.	0.9	225
12	Rapid Inactivation of Proteins by Rapamycin-Induced Rerouting to Mitochondria. <i>Developmental Cell</i> , 2010, 18, 324-331.	3.1	217
13	EpsinR: an ENTH Domain-containing Protein that Interacts with AP-1. <i>Molecular Biology of the Cell</i> , 2003, 14, 625-641.	0.9	214
14	The Molecular Basis for the Endocytosis of Small R-SNAREs by the Clathrin Adaptor CALM. <i>Cell</i> , 2011, 147, 1118-1131.	13.5	172
15	Distinct and Overlapping Roles for AP-1 and GGAs Revealed by the Knockdown System. <i>Current Biology</i> , 2012, 22, 1711-1716.	1.8	161
16	Multivariate proteomic profiling identifies novel accessory proteins of coated vesicles. <i>Journal of Cell Biology</i> , 2012, 197, 141-160.	2.3	158
17	Comparative proteomics of clathrin-coated vesicles. <i>Journal of Cell Biology</i> , 2006, 175, 571-578.	2.3	145
18	Assembly and function of AP-3 complexes in cells expressing mutant subunits. <i>Journal of Cell Biology</i> , 2002, 156, 327-336.	2.3	139

#	ARTICLE	IF	CITATIONS
19	The Role of ADP-ribosylation Factor and Phospholipase D in Adaptor Recruitment. <i>Journal of Cell Biology</i> , 1997, 138, 1239-1254.	2.3	123
20	A SNARE-adaptor interaction is a new mode of cargo recognition in clathrin-coated vesicles. <i>Nature</i> , 2007, 450, 570-574.	13.7	114
21	Tetherin is an exosomal tether. <i>ELife</i> , 2016, 5, .	2.8	114
22	Characterization of TSET, an ancient and widespread membrane trafficking complex. <i>ELife</i> , 2014, 3, e02866.	2.8	114
23	EpsinR Is an Adaptor for the SNARE Protein Vti1b. <i>Molecular Biology of the Cell</i> , 2004, 15, 5593-5602.	0.9	109
24	AP-4 vesicles contribute to spatial control of autophagy via RUSC-dependent peripheral delivery of ATG9A. <i>Nature Communications</i> , 2018, 9, 3958.	5.8	105
25	A human genome-wide screen for regulators of clathrin-coated vesicle formation reveals an unexpected role for the V-ATPase. <i>Nature Cell Biology</i> , 2013, 15, 50-60.	4.6	103
26	Role of the AP-5 adaptor protein complex in late endosome-to-Golgi retrieval. <i>PLoS Biology</i> , 2018, 16, e2004411.	2.6	100
27	Interaction between AP-5 and the hereditary spastic paraplegia proteins SPG11 and SPG15. <i>Molecular Biology of the Cell</i> , 2013, 24, 2558-2569.	0.9	95
28	HIV-1 Nef-induced Down-Regulation of MHC Class I Requires AP-1 and Clathrin but Not PACS-1 and Is Impeded by AP-2. <i>Molecular Biology of the Cell</i> , 2007, 18, 3351-3365.	0.9	92
29	A Screen for Endocytic Motifs. <i>Traffic</i> , 2010, 11, 843-855.	1.3	89
30	Golgi-localized, $\hat{1}^3$ -Ear-containing, ADP-Ribosylation Factor-binding Proteins: Roles of the Different Domains and Comparison with AP-1 and Clathrin. <i>Molecular Biology of the Cell</i> , 2001, 12, 3573-3588.	0.9	81
31	Adaptor protein complexes and disease at a glance. <i>Journal of Cell Science</i> , 2019, 132, jcs222992.	1.2	81
32	Loss of AP-5 results in accumulation of aberrant endolysosomes: defining a new type of lysosomal storage disease. <i>Human Molecular Genetics</i> , 2015, 24, 4984-4996.	1.4	80
33	Binding Partners for the COOH-Terminal Appendage Domains of the GGAs and $\hat{1}^3$ -Adaptin. <i>Molecular Biology of the Cell</i> , 2003, 14, 2385-2398.	0.9	73
34	A novel disorder reveals clathrin heavy chain-22 is essential for human pain and touch development. <i>Brain</i> , 2015, 138, 2147-2160.	3.7	58
35	Contributions of epsinR and gadkin to clathrin-mediated intracellular trafficking. <i>Molecular Biology of the Cell</i> , 2015, 26, 3085-3103.	0.9	58
36	Outerwear through the ages: evolutionary cell biology of vesicle coats. <i>Current Opinion in Cell Biology</i> , 2017, 47, 108-116.	2.6	56

#	ARTICLE	IF	CITATIONS
37	Change your Tplate, change your fate: plant CME and beyond. Trends in Plant Science, 2015, 20, 41-48.	4.3	54
38	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. Human Molecular Genetics, 2020, 29, 320-334.	1.4	45
39	Fractionation profiling: a fast and versatile approach for mapping vesicle proteomes and protein-protein interactions. Molecular Biology of the Cell, 2014, 25, 3178-3194.	0.9	42
40	Contribution of the clathrin adaptor AP-1 subunit μ 1 to acidic cluster protein sorting. Journal of Cell Biology, 2017, 216, 2927-2943.	2.3	35
41	The WDR11 complex facilitates the tethering of AP-1-derived vesicles. Nature Communications, 2018, 9, 596.	5.8	30
42	Sorting of Major Cargo Glycoproteins into Clathrin-Coated Vesicles. Traffic, 2005, 6, 1014-1026.	1.3	28
43	Molecular Basis for the Interaction Between μ 4 and its Accessory Protein, Tepsin. Traffic, 2016, 17, 400-415.	1.3	21
44	Rapid Inactivation of Proteins by Knocksideways. Current Protocols in Cell Biology, 2013, 61, 15.20.1-7.	2.3	18
45	Rag GTPases and phosphatidylinositol 3-phosphate mediate recruitment of the AP-5/SPG11/SPG15 complex. Journal of Cell Biology, 2021, 220, .	2.3	14
46	Fast and cloning-free CRISPR/Cas9-mediated genomic editing in mammalian cells. Traffic, 2019, 20, 974-982.	1.3	10
47	Role of clathrin in dense core vesicle biogenesis. Molecular Biology of the Cell, 2017, 28, 2676-2685.	0.9	9
48	Membrane traffic COPs. Nature, 1991, 349, 743-744.	13.7	6
49	A Genome-Wide Screen for Machinery Involved in Downregulation of MHC Class I by HIV-1 Nef. PLoS ONE, 2015, 10, e0140404.	1.1	6