Paul R Melancon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6264589/publications.pdf

Version: 2024-02-01

40 papers	2,771 citations	257450 24 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	2269 citing authors

#	Article	IF	Citations
1	Involvement of GTP-binding â€œGâ€•proteins in transport through the Golgi stack. Cell, 1987, 51, 1053-1062.	28.9	503
2	Chlamydia trachomatis Co-opts GBF1 and CERT to Acquire Host Sphingomyelin for Distinct Roles during Intracellular Development. PLoS Pathogens, 2011, 7, e1002198.	4.7	198
3	Gbf1. Journal of Cell Biology, 1999, 146, 71-84.	5.2	175
4	Localization of Large ADP-Ribosylation Factor-Guanine Nucleotide Exchange Factors to Different Golgi Compartments: Evidence for Distinct Functions in Protein Traffic. Molecular Biology of the Cell, 2002, 13, 119-133.	2.1	160
5	Exo1: A new chemical inhibitor of the exocytic pathway. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6469-6474.	7.1	139
6	Two distinct members of the ADP-ribosylation factor family of GTP-binding proteins regulate cell-free intra-golgi transport. Cell, 1992, 70, 69-79.	28.9	137
7	A role for ADP-ribosylation factor in nuclear vesicle dynamics. Nature, 1992, 358, 512-514.	27.8	119
8	p200 ARF-GEP1: A Golgi-localized guanine nucleotide exchange protein whose Sec7 domain is targeted by the drug brefeldin A. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7968-7973.	7.1	117
9	The Arf6 GEF GEP100/BRAG2 Regulates Cell Adhesion by Controlling Endocytosis of Î²1 Integrins. Current Biology, 2006, 16, 315-320.	3.9	116
10	The domain architecture of large guanine nucleotide exchange factors for the small GTP-binding protein Arf. BMC Genomics, 2005, 6, 20.	2.8	102
11	GBF1, a cis-Golgi and VTCs-localized ARF-GEF, is implicated in ER-to-Golgi protein traffic. Journal of Cell Science, 2006, 119, 3743-3753.	2.0	94
12	Distinct Functions for Arf Guanine Nucleotide Exchange Factors at the Golgi Complex: GBF1 and BIGs Are Required for Assembly and Maintenance of the Golgi Stack andtrans-Golgi Network, Respectively. Molecular Biology of the Cell, 2008, 19, 523-535.	2.1	93
13	ADP-ribosylation Factor 1 Controls the Activation of the Phosphatidylinositol 3-Kinase Pathway to Regulate Epidermal Growth Factor-dependent Growth and Migration of Breast Cancer Cells. Journal of Biological Chemistry, 2008, 283, 36425-36434.	3.4	83
14	Characterization of Class I and II ADP-Ribosylation Factors (Arfs) in Live Cells: GDP-bound Class II Arfs Associate with the ER-Golgi Intermediate Compartment Independently of GBF1. Molecular Biology of the Cell, 2008, 19, 3488-3500.	2.1	82
15	Reticulon 3 is involved in membrane trafficking between the endoplasmic reticulum and Golgi. Biochemical and Biophysical Research Communications, 2005, 334, 1198-1205.	2.1	74
16	Direct evidence for the preferential binding of Escherichia coli RNA polymerase holoenzyme to the ends of deoxyribonucleic acid restriction fragments. Biochemistry, 1983, 22, 5169-5176.	2.5	57
17	Nitrocellulose filter binding studies of the interactions of Escherichia coli RNA polymerase holoenzyme with deoxyribonucleic acid restriction fragments: evidence for multiple classes of nonpromoter interactions, some of which display promoter-like properties. Biochemistry, 1982, 21, 4318-4331.	2.5	56
18	Evolution and Diversity of the Golgi. Cold Spring Harbor Perspectives in Biology, 2011, 3, a007849-a007849.	5.5	53

#	Article	IF	Citations
19	Arf3 Is Activated Uniquely at the trans-Golgi Network by Brefeldin A-inhibited Guanine Nucleotide Exchange Factors. Molecular Biology of the Cell, 2010, 21, 1836-1849.	2.1	49
20	Scyl1 scaffolds class II Arfs to selective subcomplexes of coatomer via the Î³-COP appendage domain. Journal of Cell Science, 2014, 127, 1454-63.	2.0	40
21	On the action of Brefeldin A on Sec7-stimulated membrane-recruitment and GDP/GTP exchange of Arf proteins. Biochemical Society Transactions, 2005, 33, 635-638.	3.4	33
22	Vesicle budding: insights from cell-free assays. Trends in Cell Biology, 1991, 1, 165-171.	7.9	31
23	Fusogenic Domains of Golgi Membranes Are Sequestered into Specialized Regions of the Stack that Can Be Released by Mechanical Fragmentation. Journal of Cell Biology, 1999, 145, 673-688.	5.2	27
24	Phosphorescence studies of the interaction of myelin basic protein with phosphatidylserine vesicles. Biochemistry, 1981, 20, 3110-3116.	2.5	24
25	Targeting and fusion in vesicular transport. Trends in Cell Biology, 1992, 2, 381-386.	7.9	23
26	HumanGBF1Is a Ubiquitously Expressed Gene of the Sec7 Domain Family Mapping to 10q24. Genomics, 1998, 54, 323-327.	2.9	22
27	BioID Performed on Golgi Enriched Fractions Identify C10orf76 as a GBF1 Binding Protein Essential for Golgi Maintenance and Secretion. Molecular and Cellular Proteomics, 2019, 18, 2285-2297.	3.8	20
28	Inhibition of CMP-Sialic Acid Transport into Golgi Vesicles by Nucleoside Monophosphates. Biochemistry, 2001, 40, 14260-14267.	2.5	16
29	G whizz. Current Biology, 1993, 3, 230-233.	3.9	15
30	Characterization of alternatively spliced and truncated forms of the Arf guanine nucleotide exchange factor GBF1 defines regions important for activity. Biochemical and Biophysical Research Communications, 2003, 303, 160-169.	2.1	15
31	3â€²-Azidothymidine Potently Inhibits the Biosynthesis of Highly Branched N-Linked Oligosaccharides and Poly-N-acetyllactosamine Chains in Cells. Journal of Biological Chemistry, 2000, 275, 26812-26820.	3.4	14
32	Arf activation at the Golgi is modulated by feed-forward stimulation of the exchange factor GBF1. Journal of Cell Science, 2013, 127, 354-64.	2.0	13
33	Large Arf GEFs of the Golgi Complex. , 2004, , 101-119.		13
34	Cytosolic ADP-ribosylation Factors Are Not Required for Endosome-Endosome Fusion but Are Necessary for GTPÎ³S Inhibition of Fusion. Journal of Biological Chemistry, 1995, 270, 13693-13697.	3.4	11
35	3'-Azidothymidine significantly alters glycosphingolipid synthesis in melanoma cells and decreases the shedding of gangliosides. Glycoconjugate Journal, 1999, 16, 237-245.	2.7	11
36	Inhibition of UDP-N-Acetylglucosamine Import into Golgi Membranes by Nucleoside Monophosphates. Journal of Medicinal Chemistry, 1996, 39, 2894-2899.	6.4	10

#	Article	IF	Citations
37	3'-Azidothymidine potently Inhibits the biosynthesis of highly branched N-linked oligosaccharides and poly-N-acetyllactosamine chains in cells. Journal of Biological Chemistry, 2000, 275, 26812-20.	3.4	9
38	The Arfâ€¢GDP-regulated recruitment of GBF1 to Golgi membranes requires domains HDS1,2 and a Golgi-localized protein receptor. Journal of Cell Science, 2018, 132, .	2.0	8
39	Analysis of Recombinant Human ADP-Ribosylation Factors by Reversed-Phase High-Performance Liquid Chromatography and Electrospray Mass Spectrometry. Analytical Biochemistry, 1998, 264, 53-65.	2.4	5
40	Purification and Mass Spectrometric Analysis of ADP-Ribosylation Factor Proteins fromXenopusEgg Cytosolâ€. Biochemistry, 1996, 35, 8244-8251.	2.5	4