Paul R Melancon

List of Publications by Year
in descending order

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	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
2	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
3	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
4	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
5	Evolution and Diversity of the Golgi. Cold Spring Harbor Perspectives in Biology, 2011, 3, a007849-a007849.	5.5	53
6	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
7	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
8	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
9	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
10	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
11	The Arf6 GEF GEP100/BRAG2 Regulates Cell Adhesion by Controlling Endocytosis of Î²1 Integrins. Current Biology, 2006, 16, 315-320.	3.9	116
12	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
13	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
14	The domain architecture of large guanine nucleotide exchange factors for the small GTP-binding protein Arf. BMC Genomics, 2005, 6, 20.	2.8	102
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	Large Arf GEFs of the Golgi Complex. , 2004, , 101-119.		13
17	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
18	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

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19	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
20	Inhibition of CMP-Sialic Acid Transport into Golgi Vesicles by Nucleoside Monophosphates. Biochemistry, 2001, 40, 14260-14267.	2.5	16
21	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
22	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
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	Gbf1. Journal of Cell Biology, 1999, 146, 71-84.	5.2	175
25	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
26	3'-Azidothymidine significantly alters glycosphingolipid synthesis in melanoma cells and decreases the shedding of gangliosides. Glycoconjugate Journal, 1999, 16, 237-245.	2.7	11
27	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
28	HumanGBF1Is a Ubiquitously Expressed Gene of the Sec7 Domain Family Mapping to 10q24. Genomics, 1998, 54, 323-327.	2.9	22
29	Purification and Mass Spectrometric Analysis of ADP-Ribosylation Factor Proteins fromXenopusEgg Cytosolâ€. Biochemistry, 1996, 35, 8244-8251.	2.5	4
30	Inhibition of UDP-N-Acetylglucosamine Import into Golgi Membranes by Nucleoside Monophosphates. Journal of Medicinal Chemistry, 1996, 39, 2894-2899.	6.4	10
31	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
32	G whizz. Current Biology, 1993, 3, 230-233.	3.9	15
33	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
34	A role for ADP-ribosylation factor in nuclear vesicle dynamics. Nature, 1992, 358, 512-514.	27.8	119
35	Targeting and fusion in vesicular transport. Trends in Cell Biology, 1992, 2, 381-386.	7.9	23
36	Vesicle budding: insights from cell-free assays. Trends in Cell Biology, 1991, 1, 165-171.	7.9	31

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37	Involvement of GTP-binding â€œGâ€•proteins in transport through the Golgi stack. Cell, 1987, 51, 1053-1062.	28.9	503
38	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
39	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
40	Phosphorescence studies of the interaction of myelin basic protein with phosphatidylserine vesicles. Biochemistry, 1981, 20, 3110-3116.	2.5	24