George Banting

List of Publications by Year
in descending order

68 papers	3,710 citations	136950 32 h-index	128289 60 g-index
71 all docs	71 docs citations	71 times ranked	4220 citing authors

#	Article	IF	Citations
1	Tetherin/BST2, a physiologically and therapeutically relevant regulator of platelet receptor signalling. Blood Advances, 2021, 5, 1884-1898.	5.2	1
2	Tetherin is an exosomal tether. ELife, 2016, 5, .	6.0	114
3	Microtubules Depolymerization Caused by the CK1 Inhibitor IC261 May Be Not Mediated by CK1 Blockage. PLoS ONE, 2014, 9, e100090.	2.5	16
4	CD317/Tetherin is an organiser of membrane microdomains. Journal of Cell Science, 2013, 126, 1553-64.	2.0	40
5	Herpes Simplex Virus 1 Counteracts Tetherin Restriction via Its Virion Host Shutoff Activity. Journal of Virology, 2013, 87, 13115-13123.	3.4	78
6	The cytosolic N-terminus of CD317/tetherin is a membrane microdomain exclusion motif. Biology Open, 2013, 2, 1253-1263.	1.2	12
7	Expression of HIV-1 Vpu Leads to Loss of the Viral Restriction Factor CD317/Tetherin from Lipid Rafts and Its Enhanced Lysosomal Degradation. PLoS ONE, 2013, 8, e75680.	2.5	18
8	Release of filamentous and spherical influenza A virus is not restricted by tetherin. Journal of General Virology, 2012, 93, 963-969.	2.9	26
9	IP3 3-Kinase Opposes NGF Driven Neurite Outgrowth. PLoS ONE, 2012, 7, e32386.	2.5	11
10	The cell. , 2010, , 127-134.		1
11	HIV-1 Antagonism of CD317 Is Species Specific and Involves Vpu-Mediated Proteasomal Degradation of the Restriction Factor. Cell Host and Microbe, 2009, 5, 285-297.	11.0	240
12	HIV-1 antagonism of CD317/tetherin is species-specific and involves Vpu-mediated proteasomal degradation of the intrinsic immunity factor. Retrovirology, 2009, 6, .	2.0	0
13	A CD317/tetherinâ€“RICH2 complex plays a critical role in the organization of the subapical actin cytoskeleton in polarized epithelial cells. Journal of Cell Biology, 2009, 184, 721-736.	5.2	129
14	Novel proteinâ€“inorganic nanoparticles prepared by inorganic replication of self-assembled clathrin cages and triskelia. Soft Matter, 2008, 4, 2054.	2.7	13
15	Clathrin-mediated endocytosis of a lipid-raft-associated protein is mediated through a dual tyrosine motif. Journal of Cell Science, 2007, 120, 3850-3858.	2.0	186
16	Casein kinase 1 delta (CK1Î´) interacts with the SNARE associated protein snapin. FEBS Letters, 2006, 580, 6477-6484.	2.8	27
17	Photobleaching (FRAP/FLIP) and dynamic imaging. , 2005, , .		0
18	Regulation of CK2 Activity by Phosphatidylinositol Phosphates. Journal of Biological Chemistry, 2005, 280, 40796-40801.	3.4	11

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19	Hippocalcin Functions as a Calcium Sensor in Hippocampal LTD. Neuron, 2005, 47, 487-494.	8.1	120
20	Regions of human kidney anion exchanger 1 (kAE1) required for basolateral targeting of kAE1 in polarised kidney cells: mis-targeting explains dominant renal tubular acidosis (dRTA). Journal of Cell Science, 2004, 117, 1399-1410.	2.0	106
21	Ins(1,4,5)P3 metabolism and the family of IP3-3Kinases. Cellular Signalling, 2004, 16, 643-654.	3.6	59
22	Identification and subcellular distribution of endogenous Ins(1,4,5)P3 3-kinase B in mouse tissues. Biochemical and Biophysical Research Communications, 2004, 323, 920-925.	2.1	11
23	Bst-2/HM1.24 Is a Raft-Associated Apical Membrane Protein with an Unusual Topology. Traffic, 2003, 4, 694-709.	2.7	378
24	Tyrphostin A23 Inhibits Internalization of the Transferrin Receptor by Perturbing the Interaction between Tyrosine Motifs and the Medium Chain Subunit of the AP-2 Adaptor Complex. Journal of Biological Chemistry, 2003, 278, 12022-12028.	3.4	119
25	Calpain cleavage of the B isoform of Ins(1,4,5)P3 3-kinase separates the catalytic domain from the membrane anchoring domain. Biochemical Journal, 2003, 375, 643-651.	3.7	19
26	Role of Adaptor Complex AP-3 in Targeting Wild-Type and Mutated CD63 to Lysosomes. Molecular Biology of the Cell, 2002, 13, 1071-1082.	2.1	221
27	Characterisation of the lumenal domain of TGN38 and effects of elevated expression of TGN38 on glycoprotein secretion. European Journal of Cell Biology, 2002, 81, 609-621.	3.6	9
28	CK2 and GAK/auxilin2 Are Major Protein Kinases in Clathrin-Coated Vesicles. Traffic, 2002, 3, 428-439.	2.7	86
29	Modular phosphoinositide-binding domains â€“ their role in signalling and membrane trafficking. Current Biology, 2001, 11, R882-R893.	3.9	161
30	Effects of elevated expression of inositol 1,4,5-trisphosphate 3-kinase B on Ca2+ homoeostasis in HeLa cells. Biochemical Journal, 2000, 352, 709.	3.7	3
31	In vivo dynamics of the F-actin-binding protein neurabin-II. Biochemical Journal, 2000, 345, 185-194.	3.7	23
32	The Use of Yeast Two-Hybrid Screens in Studies of Protein:Protein Interactions Involved in Trafficking. Traffic, 2000, 1, 763-768.	2.7	28
33	A study of the coregulation and tissue specificity of XGand MIC2 gene expression in eukaryotic cells. Blood, 2000, 95, 1819-1826.	1.4	27
34	GAP1IP4BP Contains a Novel Group I Pleckstrin Homology Domain That Directs Constitutive Plasma Membrane Association. Journal of Biological Chemistry, 2000, 275, 28261-28268.	3.4	78
35	In vivo dynamics of the F-actin-binding protein neurabin-II. Biochemical Journal, 2000, 345, 185.	3.7	4
36	Effects of elevated expression of inositol 1,4,5-trisphosphate 3-kinase B on Ca2+ homoeostasis in HeLa cells. Biochemical Journal, 2000, 352, 709-715.	3.7	10

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37	Direct Interaction of the trans-Golgi Network Membrane Protein, TGN38, with the F-actin Binding Protein, Neurabin. Journal of Biological Chemistry, 1999, 274, 30080-30086.	3.4	43
38	Phosphorylation of the medium chain subunit of the AP-2 adaptor complex does not influence its interaction with the tyrosine based internalisation motif of TGN38. FEBS Letters, 1999, 444, 195-200.	2.8	7
39	[1] Membrane trafficking. Methods in Enzymology, 1999, 302, 3-11.	1.0	4
40	Efficient Trafficking of TGN38 from the Endosome to the trans-Golgi Network Requires a Free Hydroxyl Group at Position 331 in the Cytosolic Domain. Molecular Biology of the Cell, 1998, 9, 2125-2144.	2.1	44
41	Lumenal and Transmembrane Domains Play a Role in Sorting Type I Membrane Proteins on Endocytic Pathways. Molecular Biology of the Cell, 1998, 9, 1107-1122.	2.1	43
42	Inhibition of the Interaction between Tyrosine-based Motifs and the Medium Chain Subunit of the AP-2 Adaptor Complex by Specific Tyrphostins. Journal of Biological Chemistry, 1998, 273, 28073-28077.	3.4	21
43	TGN38 cyclesviathe basolateral membrane of polarized Caco-2 cells. Molecular Membrane Biology, 1998, 15, 133-139.	2.0	9
44	Specificity of interaction between adaptor-complex medium chains and the tyrosine-based sorting motifs of TGN38 and lgp120. Biochemical Journal, 1998, 335, 567-572.	3.7	57
45	Serine 331 and Tyrosine 333 Are Both Involved in the Interaction between the Cytosolic Domain of TGN38 and the Î¼2 Subunit of the AP2 Clathrin Adaptor Complex. Journal of Biological Chemistry, 1997, 272, 14104-14109.	3.4	37
46	Membrane association, localization and topology of rat inositol 1,4,5-trisphosphate 3-kinase B: implications for membrane traffic and Ca2+ homoeostasis. Biochemical Journal, 1997, 324, 579-589.	3.7	38
47	The arachidonate-activatable, NADPH oxidase-associated H+ channel is contained within the multi-membrane-spanning N-terminal region of gp91-phox. Biochemical Journal, 1997, 325, 701-705.	3.7	77
48	Possible roles of inositol 1,4,5-trisphosphate 3-kinase B in calcium homeostasis. FEBS Letters, 1997, 403, 1-4.	2.8	13
49	Properties of Chloride-Conductive Pathways in Rat Kidney Cortical and Outer-Medulla Brush-Border Membranes. Inhibition by Anti-(Cystic Fibrosis Transmembrane Regulator) mAbs. FEBS Journal, 1997, 246, 367-372.	0.2	9
50	Production of Phage-Display Antibodies for Epitope Mapping. , 1996, 66, 391-406.		0
51	Expression of recombinant rat myo-inositol 1,4,5-trisphosphate 3-kinase B suggests a regulatory role for its N-terminus. Biochemical Journal, 1996, 319, 713-716.	3.7	11
52	Properties of a Cl^{â^'}â€Conductive Pathway(s) in Microsomes from Rat Kidney Inner Medulla. FEBS Journal, 1996, 240, 268-273.	0.2	5
53	Protein secretion: Sorting sweet sorting. Current Biology, 1996, 6, 1076-1078.	3.9	13
54	The Arachidonate-activable, NADPH Oxidase-associated H+ Channel. Journal of Biological Chemistry, 1995, 270, 5909-5916.	3.4	98

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55	Androgen control of secretory component mRNA levels in the rat lacrimal gland. Journal of Steroid Biochemistry and Molecular Biology, 1995, 52, 239-249.	2.5	47
56	PBDX is the XG blood group gene. Nature Genetics, 1994, 8, 285-290.	21.4	72
57	Isolation and sequence of a full length cDNA encoding a novel rat inositol 1,4,5-trisphosphate 3-kinase. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1220, 219-222.	4.1	29
58	Vacuolar ATPase inactivation blocks recycling to thetrans-Golgi network from the plasma membrane. FEBS Letters, 1994, 345, 61-66.	2.8	70
59	Overexpression of TGN38/41 leads to mislocalisation of Î³-adaptin. FEBS Letters, 1994, 351, 448-456.	2.8	40
60	Eukaryotic membrane traffic: retrieval and retention mechanisms to achieve organelle residence. Trends in Biochemical Sciences, 1993, 18, 395-398.	7.5	56
61	Neocortical neuronal polarity: targeting of a foreign protein linked to a glycosyl-phosphatidylinositol (GPI) anchor in postmitotic neurons and polarized distribution of a marker of the trans-Golgi network (TGN 38). Biochemical Society Transactions, 1993, 21, 117S-117S.	3.4	1
62	X-linked gene MIC5 codes for the L1 adhesion molecule recognized by monoclonal antibody R1. Cancer Genetics and Cytogenetics, 1992, 60, 20-22.	1.0	1
63	Epitope mapping of two isoforms of a trans Golgi network specific integral membrane protein TGN38/41. FEBS Letters, 1992, 313, 235-238.	2.8	37
64	pUBEX/pUBSEX: a versatile expression vector system for production of fusion and nonfusion proteins in Escherichia coli. Gene, 1991, 107, 127-132.	2.2	2
65	Expression cloning of proteins on membrane traffic pathways. Biochemical Society Transactions, 1990, 18, 148-149.	3.4	3
66	Intracellular targetting signals of polymeric immunoglobulin receptors are highly conserved between species. FEBS Letters, 1989, 254, 177-183.	2.8	77
67	Three Monoclonal Antibodies Defining Distinct Differentiation Antigens Associated with Different High Molecular Weight Polypeptides on the Surface of Human Embryonal Carcinoma Cells. Hybridoma, 1984, 3, 347-361.	0.6	211
68	The gene, MIC4, which controls expression of the antigen defined by monoclonal antibody F10.44.2, is on human chromosome 11. European Journal of Immunology, 1982, 12, 659-663.	2.9	149