

# George Banting

## List of Publications by Year in descending order

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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	Bst-2/HM1.24 Is a Raft-Associated Apical Membrane Protein with an Unusual Topology. <i>Traffic</i> , 2003, 4, 694-709.	2.7	378
2	HIV-1 Antagonism of CD317 Is Species Specific and Involves Vpu-Mediated Proteasomal Degradation of the Restriction Factor. <i>Cell Host and Microbe</i> , 2009, 5, 285-297.	11.0	240
3	Role of Adaptor Complex AP-3 in Targeting Wild-Type and Mutated CD63 to Lysosomes. <i>Molecular Biology of the Cell</i> , 2002, 13, 1071-1082.	2.1	221
4	Three Monoclonal Antibodies Defining Distinct Differentiation Antigens Associated with Different High Molecular Weight Polypeptides on the Surface of Human Embryonal Carcinoma Cells. <i>Hybridoma</i> , 1984, 3, 347-361.	0.6	211
5	Clathrin-mediated endocytosis of a lipid-raft-associated protein is mediated through a dual tyrosine motif. <i>Journal of Cell Science</i> , 2007, 120, 3850-3858.	2.0	186
6	Modular phosphoinositide-binding domains – their role in signalling and membrane trafficking. <i>Current Biology</i> , 2001, 11, R882-R893.	3.9	161
7	The gene, MIC4, which controls expression of the antigen defined by monoclonal antibody F10.44.2, is on human chromosome 11. <i>European Journal of Immunology</i> , 1982, 12, 659-663.	2.9	149
8	A CD317/tetherin–RICH2 complex plays a critical role in the organization of the subapical actin cytoskeleton in polarized epithelial cells. <i>Journal of Cell Biology</i> , 2009, 184, 721-736.	5.2	129
9	Hippocalcin Functions as a Calcium Sensor in Hippocampal LTD. <i>Neuron</i> , 2005, 47, 487-494.	8.1	120
10	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. <i>Journal of Biological Chemistry</i> , 2003, 278, 12022-12028.	3.4	119
11	Tetherin is an exosomal tether. <i>ELife</i> , 2016, 5, .	6.0	114
12	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). <i>Journal of Cell Science</i> , 2004, 117, 1399-1410.	2.0	106
13	The Arachidonate-activable, NADPH Oxidase-associated H <sup>+</sup> Channel. <i>Journal of Biological Chemistry</i> , 1995, 270, 5909-5916.	3.4	98
14	CK2 and GAK/auxilin2 Are Major Protein Kinases in Clathrin-Coated Vesicles. <i>Traffic</i> , 2002, 3, 428-439.	2.7	86
15	GAP1IP4BP Contains a Novel Group I Pleckstrin Homology Domain That Directs Constitutive Plasma Membrane Association. <i>Journal of Biological Chemistry</i> , 2000, 275, 28261-28268.	3.4	78
16	Herpes Simplex Virus 1 Counteracts Tetherin Restriction via Its Virion Host Shutoff Activity. <i>Journal of Virology</i> , 2013, 87, 13115-13123.	3.4	78
17	Intracellular targetting signals of polymeric immunoglobulin receptors are highly conserved between species. <i>FEBS Letters</i> , 1989, 254, 177-183.	2.8	77
18	The arachidonate-activatable, NADPH oxidase-associated H <sup>+</sup> channel is contained within the multi-membrane-spanning N-terminal region of gp91-phox. <i>Biochemical Journal</i> , 1997, 325, 701-705.	3.7	77

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19	PBDX is the XG blood group gene. <i>Nature Genetics</i> , 1994, 8, 285-290.	21.4	72
20	Vacuolar ATPase inactivation blocks recycling to the trans-Golgi network from the plasma membrane. <i>FEBS Letters</i> , 1994, 345, 61-66.	2.8	70
21	Inositol(1,4,5)P3 metabolism and the family of IP3-3Kinases. <i>Cellular Signalling</i> , 2004, 16, 643-654.	3.6	59
22	Specificity of interaction between adaptor-complex medium chains and the tyrosine-based sorting motifs of TGN38 and Igp120. <i>Biochemical Journal</i> , 1998, 335, 567-572.	3.7	57
23	Eukaryotic membrane traffic: retrieval and retention mechanisms to achieve organelle residence. <i>Trends in Biochemical Sciences</i> , 1993, 18, 395-398.	7.5	56
24	Androgen control of secretory component mRNA levels in the rat lacrimal gland. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 52, 239-249.	2.5	47
25	Efficient Trafficking of TGN38 from the Endosome to the trans-Golgi Network Requires a Free Hydroxyl Group at Position 331 in the Cytosolic Domain. <i>Molecular Biology of the Cell</i> , 1998, 9, 2125-2144.	2.1	44
26	Luminal and Transmembrane Domains Play a Role in Sorting Type I Membrane Proteins on Endocytic Pathways. <i>Molecular Biology of the Cell</i> , 1998, 9, 1107-1122.	2.1	43
27	Direct Interaction of the trans-Golgi Network Membrane Protein, TGN38, with the F-actin Binding Protein, Neurabin. <i>Journal of Biological Chemistry</i> , 1999, 274, 30080-30086.	3.4	43
28	Overexpression of TGN38/41 leads to mislocalisation of $\beta$ -adaptin. <i>FEBS Letters</i> , 1994, 351, 448-456.	2.8	40
29	CD317/Tetherin is an organiser of membrane microdomains. <i>Journal of Cell Science</i> , 2013, 126, 1553-64.	2.0	40
30	Membrane association, localization and topology of rat inositol 1,4,5-trisphosphate 3-kinase B: implications for membrane traffic and Ca <sup>2+</sup> homeostasis. <i>Biochemical Journal</i> , 1997, 324, 579-589.	3.7	38
31	Epitope mapping of two isoforms of a trans Golgi network specific integral membrane protein TGN38/41. <i>FEBS Letters</i> , 1992, 313, 235-238.	2.8	37
32	Serine 331 and Tyrosine 333 Are Both Involved in the Interaction between the Cytosolic Domain of TGN38 and the $\beta$ 42 Subunit of the AP2 Clathrin Adaptor Complex. <i>Journal of Biological Chemistry</i> , 1997, 272, 14104-14109.	3.4	37
33	Isolation and sequence of a full length cDNA encoding a novel rat inositol 1,4,5-trisphosphate 3-kinase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1220, 219-222.	4.1	29
34	The Use of Yeast Two-Hybrid Screens in Studies of Protein:Protein Interactions Involved in Trafficking. <i>Traffic</i> , 2000, 1, 763-768.	2.7	28
35	A study of the coregulation and tissue specificity of XG and MIC2 gene expression in eukaryotic cells. <i>Blood</i> , 2000, 95, 1819-1826.	1.4	27
36	Casein kinase 1 delta (CK1 $\delta$ ) interacts with the SNARE associated protein snapin. <i>FEBS Letters</i> , 2006, 580, 6477-6484.	2.8	27

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37	Release of filamentous and spherical influenza A virus is not restricted by tetherin. <i>Journal of General Virology</i> , 2012, 93, 963-969.	2.9	26
38	In vivo dynamics of the F-actin-binding protein neurabin-II. <i>Biochemical Journal</i> , 2000, 345, 185-194.	3.7	23
39	Inhibition of the Interaction between Tyrosine-based Motifs and the Medium Chain Subunit of the AP-2 Adaptor Complex by Specific Tyrphostins. <i>Journal of Biological Chemistry</i> , 1998, 273, 28073-28077.	3.4	21
40	Calpain cleavage of the B isoform of Ins(1,4,5)P3 3-kinase separates the catalytic domain from the membrane anchoring domain. <i>Biochemical Journal</i> , 2003, 375, 643-651.	3.7	19
41	Expression of HIV-1 Vpu Leads to Loss of the Viral Restriction Factor CD317/Tetherin from Lipid Rafts and Its Enhanced Lysosomal Degradation. <i>PLoS ONE</i> , 2013, 8, e75680.	2.5	18
42	Microtubules Depolymerization Caused by the CK1 Inhibitor IC261 May Be Not Mediated by CK1 Blockage. <i>PLoS ONE</i> , 2014, 9, e100090.	2.5	16
43	Protein secretion: Sorting sweet sorting. <i>Current Biology</i> , 1996, 6, 1076-1078.	3.9	13
44	Possible roles of inositol 1,4,5-trisphosphate 3-kinase B in calcium homeostasis. <i>FEBS Letters</i> , 1997, 403, 1-4.	2.8	13
45	Novel proteinâ€“inorganic nanoparticles prepared by inorganic replication of self-assembled clathrin cages and triskelia. <i>Soft Matter</i> , 2008, 4, 2054.	2.7	13
46	The cytosolic N-terminus of CD317/tetherin is a membrane microdomain exclusion motif. <i>Biology Open</i> , 2013, 2, 1253-1263.	1.2	12
47	Expression of recombinant rat myo-inositol 1,4,5-trisphosphate 3-kinase B suggests a regulatory role for its N-terminus. <i>Biochemical Journal</i> , 1996, 319, 713-716.	3.7	11
48	Identification and subcellular distribution of endogenous Ins(1,4,5)P3 3-kinase B in mouse tissues. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 920-925.	2.1	11
49	Regulation of CK2 Activity by Phosphatidylinositol Phosphates. <i>Journal of Biological Chemistry</i> , 2005, 280, 40796-40801.	3.4	11
50	IP3 3-Kinase Opposes NGF Driven Neurite Outgrowth. <i>PLoS ONE</i> , 2012, 7, e32386.	2.5	11
51	Effects of elevated expression of inositol 1,4,5-trisphosphate 3-kinase B on Ca <sup>2+</sup> homeostasis in HeLa cells. <i>Biochemical Journal</i> , 2000, 352, 709-715.	3.7	10
52	Properties of Chloride-Conductive Pathways in Rat Kidney Cortical and Outer-Medulla Brush-Border Membranes. Inhibition by Anti-(Cystic Fibrosis Transmembrane Regulator) mAbs. <i>FEBS Journal</i> , 1997, 246, 367-372.	0.2	9
53	TGN38 cycles via the basolateral membrane of polarized Caco-2 cells. <i>Molecular Membrane Biology</i> , 1998, 15, 133-139.	2.0	9
54	Characterisation of the luminal domain of TGN38 and effects of elevated expression of TGN38 on glycoprotein secretion. <i>European Journal of Cell Biology</i> , 2002, 81, 609-621.	3.6	9

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55	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. <i>FEBS Letters</i> , 1999, 444, 195-200.	2.8	7
56	Properties of a Cl <sup>-</sup> Conductive Pathway(s) in Microsomes from Rat Kidney Inner Medulla. <i>FEBS Journal</i> , 1996, 240, 268-273.	0.2	5
57	[1] Membrane trafficking. <i>Methods in Enzymology</i> , 1999, 302, 3-11.	1.0	4
58	In vivo dynamics of the F-actin-binding protein neurabin-II. <i>Biochemical Journal</i> , 2000, 345, 185.	3.7	4
59	Expression cloning of proteins on membrane traffic pathways. <i>Biochemical Society Transactions</i> , 1990, 18, 148-149.	3.4	3
60	Effects of elevated expression of inositol 1,4,5-trisphosphate 3-kinase B on Ca <sup>2+</sup> homeostasis in HeLa cells. <i>Biochemical Journal</i> , 2000, 352, 709.	3.7	3
61	pUBEX/pUBSEX: a versatile expression vector system for production of fusion and nonfusion proteins in <i>Escherichia coli</i> . <i>Gene</i> , 1991, 107, 127-132.	2.2	2
62	X-linked gene MIC5 codes for the L1 adhesion molecule recognized by monoclonal antibody R1. <i>Cancer Genetics and Cytogenetics</i> , 1992, 60, 20-22.	1.0	1
63	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). <i>Biochemical Society Transactions</i> , 1993, 21, 117S-117S.	3.4	1
64	Tetherin/BST2, a physiologically and therapeutically relevant regulator of platelet receptor signalling. <i>Blood Advances</i> , 2021, 5, 1884-1898.	5.2	1
65	The cell. , 2010, , 127-134.		1
66	Production of Phage-Display Antibodies for Epitope Mapping. , 1996, 66, 391-406.		0
67	Photobleaching (FRAP/FLIP) and dynamic imaging. , 2005, , .		0
68	HIV-1 antagonism of CD317/tetherin is species-specific and involves Vpu-mediated proteasomal degradation of the intrinsic immunity factor. <i>Retrovirology</i> , 2009, 6, .	2.0	0