Herbert Y Gaisano

List of Publications by Year
in descending order

182 papers	6,819 citations	44069 48 h-index	91884 69 g-index
185 all docs	185 docs citations	185 times ranked	7236 citing authors

#	Article	IF	Citations
1	Rab9 Mediates Pancreatic Autophagy Switch From Canonical to Noncanonical, Aggravating Experimental Pancreatitis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 599-622.	4.5	5
2	Association between changes in lipid indexes and early progression of kidney dysfunction in participants with normal estimated glomerular filtration rate: a prospective cohort study. Endocrine, 2022, , 1.	2.3	3
3	A live-imaging protocol for tracking receptor dynamics in single cells. STAR Protocols, 2022, 3, 101347.	1.2	2
4	Pancreas-specific SNAP23 depletion prevents pancreatitis by attenuating pathological basolateral exocytosis and formation of trypsin-activating autolysosomes. Autophagy, 2021, 17, 3068-3081.	9.1	12
5	The endocytosis of oxidized LDL via the activation of the angiotensin II type 1 receptor. IScience, 2021, 24, 102076.	4.1	10
6	Dysregulation of mannose-6-phosphateâ€“dependent cholesterol homeostasis in acinar cells mediates pancreatitis. Journal of Clinical Investigation, 2021, 131, .	8.2	9
7	Baseline and Cumulative Blood Pressure in Predicting the Occurrence of Cardiovascular Events. Frontiers in Cardiovascular Medicine, 2021, 8, 735679.	2.4	7
8	Glomerular Hyperfiltration Interacts With Abnormal Metabolism to Enhance Arterial Stiffness in Middle-Aged and Elderly People. Frontiers in Medicine, 2021, 8, 732413.	2.6	1
9	Relation of adipose tissue insulin resistance to prediabetes. Endocrine, 2020, 68, 93-102.	2.3	12
10	Recent Insights into Beta-cell Exocytosis in Type 2 Diabetes. Journal of Molecular Biology, 2020, 432, 1310-1325.	4.2	40
11	Elevated triglyceride-glucose (TyG) index predicts incidence of Prediabetes: a prospective cohort study in China. Lipids in Health and Disease, 2020, 19, 226.	3.0	31
12	Clinical Characteristics and Longâ€term Outcomes of Children With Fibrosing Pancreatitis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 801-807.	1.8	3
13	Relationship of obesity to adipose tissue insulin resistance. BMJ Open Diabetes Research and Care, 2020, 8, e000741.	2.8	29
14	Susceptibility Factors and Cellular Mechanisms Underlying Alcoholic Pancreatitis. Alcoholism: Clinical and Experimental Research, 2020, 44, 777-789.	2.4	10
15	Editorial Overview: â€œIslet Biology in Type 2 Diabetesâ€• Journal of Molecular Biology, 2020, 432, 1307-1309.	4.2	0
16	Risk of chronic kidney disease defined by decreased estimated glomerular filtration rate in individuals with different prediabetic phenotypes: results from a prospective cohort study in China. BMJ Open Diabetes Research and Care, 2020, 8, e000955.	2.8	4
17	SNAP23 depletion enables more SNAP25/calcium channel excitosome formation to increase insulin exocytosis in type 2 diabetes. JCI Insight, 2020, 5, .	5.0	14
18	Simvastatin induces autophagic flux to restore cerulein-impaired phagosome-lysosome fusion in acute pancreatitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 165530.	3.8	24

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19	Gut-associated IgA+ immune cells regulate obesity-related insulin resistance. Nature Communications, 2019, 10, 3650.	12.8	131
20	Mechanism and effects of pulsatile GABA secretion from cytosolic pools in the human beta cell. Nature Metabolism, 2019, 1, 1110-1126.	11.9	59
21	VAMP8-mediated MUC2 mucin exocytosis from colonic goblet cells maintains innate intestinal homeostasis. Nature Communications, 2019, 10, 4306.	12.8	58
22	Association Between Age at Natural Menopause and Risk of Type 2 Diabetes in Postmenopausal Women With and Without Obesity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3039-3048.	3.6	17
23	Association Between Triglyceride Level and Glycemic Control Among Insulin-Treated Patients With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1211-1220.	3.6	31
24	A glucose-dependent spatial patterning of exocytosis in human Î² cells is disrupted in type 2 diabetes. JCI Insight, 2019, 4, .	5.0	18
25	Pancreatitis-Induced Depletion of Syntaxin 2 Promotes Autophagy and Increases Basolateral Exocytosis. Gastroenterology, 2018, 154, 1805-1821.e5.	1.3	41
26	Depletion of the membrane-fusion regulator Munc18c attenuates caerulein hyperstimulationâ€“induced pancreatitis. Journal of Biological Chemistry, 2018, 293, 2510-2522.	3.4	9
27	Kv2.1 clusters on Î²-cell plasma membrane act as reservoirs that replenish pools of newcomer insulin granule through their interaction with syntaxin-3. Journal of Biological Chemistry, 2018, 293, 6893-6904.	3.4	16
28	Reply. Gastroenterology, 2018, 155, 1274.	1.3	0
29	Comparison of the Effect of Glycemic Control in Type 2 Diabetes Outpatients Treated With Premixed and Basal Insulin Monotherapy in China. Frontiers in Endocrinology, 2018, 9, 639.	3.5	8
30	Relative Handgrip Strength Is Inversely Associated with Metabolic Profile and Metabolic Disease in the General Population in China. Frontiers in Physiology, 2018, 9, 59.	2.8	61
31	C2 Domains of Munc13-4 Are Crucial for Ca2+-Dependent Degranulation and Cytotoxicity in NK Cells. Journal of Immunology, 2018, 201, 700-713.	0.8	18
32	Cell polarity defines three distinct domains in pancreatic beta cells. Journal of Cell Science, 2017, 130, 143-151.	2.0	72
33	New Roles of Syntaxin-1A in Insulin Granule Exocytosis and Replenishment. Journal of Biological Chemistry, 2017, 292, 2203-2216.	3.4	32
34	Palmitic acid increases invasiveness of pancreatic cancer cells AsPC-1 through TLR4/ROS/NF-Î¹B/MMP-9 signaling pathway. Biochemical and Biophysical Research Communications, 2017, 484, 152-158.	2.1	56
35	Postâ€“Glucose Load Measures of Insulin Resistance and Prognosis of Nondiabetic Patients With Ischemic Stroke. Journal of the American Heart Association, 2017, 6, .	3.7	29
36	Syntaxin 2 Acts as Inhibitory SNARE for Insulin Granule Exocytosis. Diabetes, 2017, 66, 948-959.	0.6	19

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37	Munc18b Increases Insulin Granule Fusion, Restoring Deficient Insulin Secretion in Type-2 Diabetes Human and Goto-Kakizaki Rat Islets with Improvement in Glucose Homeostasis. EBioMedicine, 2017, 16, 262-274.	6.1	17
38	Ex vivo human pancreatic slice preparations offer a valuable model for studying pancreatic exocrine biology. Journal of Biological Chemistry, 2017, 292, 5957-5969.	3.4	53
39	The SNARE Protein Syntaxin-1a Plays an Essential Role in Biphasic Exocytosis of the Incretin Hormone Glucagon-Like Peptide 1. Diabetes, 2017, 66, 2327-2338.	0.6	30
40	Kv2.1 Clustering Contributes to Insulin Exocytosis and Rescues Human Î²-Cell Dysfunction. Diabetes, 2017, 66, 1890-1900.	0.6	34
41	Entamoeba histolytica -Induced Mucin Exocytosis Is Mediated by VAMP8 and Is Critical in Mucosal Innate Host Defense. MBio, 2017, 8, .	4.1	26
42	Confocal Imaging of Neuropeptide Y-pHluorin: A Technique to Visualize Insulin Granule Exocytosis in Intact Murine and Human Islets. Journal of Visualized Experiments, 2017, , .	0.3	7
43	Recent new insights into the role of SNARE and associated proteins in insulin granule exocytosis. Diabetes, Obesity and Metabolism, 2017, 19, 115-123.	4.4	53
44	Kv2.1 Clustering Contributes to Exocytosis Hotspots and Rescues Human Î²-Cell Dysfunction. Canadian Journal of Diabetes, 2017, 41, S11-S12.	0.8	1
45	Neck Circumference, a Novel Indicator for Hyperuricemia. Frontiers in Physiology, 2017, 8, 965.	2.8	18
46	Association between Indices of Body Composition and Abnormal Metabolic Phenotype in Normal-Weight Chinese Adults. International Journal of Environmental Research and Public Health, 2017, 14, 391.	2.6	29
47	VAMP8 mucin exocytosis attenuates intestinal pathogenesis by Entamoeba histolytica. Microbial Cell, 2017, 4, 426-427.	3.2	4
48	Synaptotagmin-7 Functions to Replenish Insulin Granules for Exocytosis in Human Islet Î²-Cells. Diabetes, 2016, 65, 1962-1976.	0.6	48
49	Changes in beta cell function occur in prediabetes and early disease in the Lepr db mouse model of diabetes. Diabetologia, 2016, 59, 1222-1230.	6.3	31
50	Syntaxin-3 Binds and Regulates Both R- and L-Type Calcium Channels in Insulin-Secreting INS-1 832/13 Cells. PLoS ONE, 2016, 11, e0147862.	2.5	11
51	Association of Diabetes and Prognosis of Minor Stroke and Its Subtypes: A Prospective Observational Study. PLoS ONE, 2016, 11, e0153178.	2.5	19
52	Association of KCNB1 polymorphisms with lipid metabolisms and insulin resistance: a case-control design of population-based cross-sectional study in Chinese Han population. Lipids in Health and Disease, 2015, 14, 112.	3.0	4
53	Cell-to-Cell Communication and the Regulation of Pancreatic Function. Pancreas, 2015, 44, 1174-1175.	1.1	4
54	Characterization of Zinc Influx Transporters (ZIPs) in Pancreatic Î² Cells. Journal of Biological Chemistry, 2015, 290, 18757-18769.	3.4	58

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55	ER stress-associated CTRC mutants decrease stimulated pancreatic zymogen secretion through SIRT2-mediated microtubule dysregulation. Biochemical and Biophysical Research Communications, 2015, 463, 329-335.	2.1	10
56	The expression of dominant negative TCF7L2 in pancreatic beta cells during the embryonic stage causes impaired glucose homeostasis. Molecular Metabolism, 2015, 4, 344-352.	6.5	23
57	Syntaxin-4 mediates exocytosis of pre-docked and newcomer insulin granules underlying biphasic glucose-stimulated insulin secretion in human pancreatic beta cells. Diabetologia, 2015, 58, 1250-1259.	6.3	34
58	Chaperoning of closed syntaxin-3 through Lys46 and Glu59 in domain 1 of Munc18 proteins is indispensable for mast cell exocytosis. Journal of Cell Science, 2015, 128, 1946-1960.	2.0	8
59	A Novel GLP1 Receptor Interacting Protein ATP6ap2 Regulates Insulin Secretion in Pancreatic Beta Cells. Journal of Biological Chemistry, 2015, 290, 25045-25061.	3.4	25
60	Spatial and temporal coordination of insulin granule exocytosis in intact human pancreatic islets. Diabetologia, 2015, 58, 2810-2818.	6.3	30
61	Munc18c mediates exocytosis of pre-docked and newcomer insulin granules underlying biphasic glucose stimulated insulin secretion in human pancreatic beta-cells. Molecular Metabolism, 2015, 4, 418-426.	6.5	22
62	PTEN Deletion in Pancreatic Î±-Cells Protects Against High-Fat Dietâ€“Induced Hyperglucagonemia and Insulin Resistance. Diabetes, 2015, 64, 147-157.	0.6	17
63	Progesterone Receptor Membrane Component 1 Is a Functional Part of the Glucagon-like Peptide-1 (GLP-1) Receptor Complex in Pancreatic Î² Cells. Molecular and Cellular Proteomics, 2014, 13, 3049-3062.	3.8	48
64	Phosphatidylinositol 4,5-Biphosphate (PIP2) Modulates Interaction of Syntaxin-1A with Sulfonylurea Receptor 1 to Regulate Pancreatic Î²-Cell ATP-sensitive Potassium Channels. Journal of Biological Chemistry, 2014, 289, 6028-6040.	3.4	7
65	Biliopancreatic Route for Effective Viral Transduction of Pancreatic Islets. Pancreas, 2014, 43, 240-244.	1.1	3
66	Role of vesicle-associated membrane protein 2 in exocytosis of glucagon-like peptide-1 from the murine intestinal L cell. Diabetologia, 2014, 57, 809-818.	6.3	26
67	Î±/Î²-Hydrolase Domain-6-Accessible Monoacylglycerol Controls Glucose-Stimulated Insulin Secretion. Cell Metabolism, 2014, 19, 993-1007.	16.2	125
68	Vesicle Associated Membrane Protein 8 (VAMP8)-mediated Zymogen Granule Exocytosis Is Dependent on Endosomal Trafficking via the Constitutive-Like Secretory Pathway. Journal of Biological Chemistry, 2014, 289, 28040-28053.	3.4	19
69	Phosphatidylinositol 4,5-biphosphate (PIP2) modulates syntaxin-1A binding to sulfonylurea receptor 2A to regulate cardiac ATP-sensitive potassium (KATP) channels. Journal of Molecular and Cellular Cardiology, 2014, 75, 100-110.	1.9	4
70	Dichotomous role of pancreatic HUWE1/MULE/ARF-BP1 in modulating beta cell apoptosis in mice under physiological and genotoxic conditions. Diabetologia, 2014, 57, 1889-1898.	6.3	16
71	The secretory deficit in islets from db/db mice is mainly due to a loss of responding beta cells. Diabetologia, 2014, 57, 1400-1409.	6.3	41
72	Insulin secretion from beta cells in intact mouse islets is targeted towards the vasculature. Diabetologia, 2014, 57, 1655-1663.	6.3	76

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73	Here come the newcomer granules, better late than never. Trends in Endocrinology and Metabolism, 2014, 25, 381-388.	7.1	45
74	Syntaxin-3 regulates newcomer insulin granule exocytosis and compound fusion in pancreatic beta cells. Diabetologia, 2013, 56, 359-369.	6.3	66
75	<scp>RalA GTPase</scp> Tethers Insulin Granules to Lâ€and Râ€Type Calcium Channels Through Binding Î±₂Îâ€1 Subunit. Traffic, 2013, 14, 428-439.	2.7	12
76	Glucose principally regulates insulin secretion in mouse islets by controlling the numbers of granule fusion events per cell. Diabetologia, 2013, 56, 2629-2637.	6.3	40
77	In Situ Electrophysiological Examination of Pancreatic Î± Cells in the Streptozotocin-Induced Diabetes Model, Revealing the Cellular Basis of Glucagon Hypersecretion. Diabetes, 2013, 62, 519-530.	0.6	62
78	UCP2 Regulates the Glucagon Response to Fasting and Starvation. Diabetes, 2013, 62, 1623-1633.	0.6	62
79	Munc18b Is a Major Mediator of Insulin Exocytosis in Rat Pancreatic Î²-Cells. Diabetes, 2013, 62, 2416-2428.	0.6	39
80	Somatostatin Receptor Type 2 Antagonism Improves Glucagon Counterregulation in Biobreeding Diabetic Rats. Diabetes, 2013, 62, 2968-2977.	0.6	50
81	An Exploratory Study of the Association between KCNB1 rs1051295 and Type 2 Diabetes and Its Related Traits in Chinese Han Population. PLoS ONE, 2013, 8, e56365.	2.5	9
82	Exocyst Sec5 Regulates Exocytosis of Newcomer Insulin Granules Underlying Biphasic Insulin Secretion. PLoS ONE, 2013, 8, e67561.	2.5	20
83	In Vivo Role of Focal Adhesion Kinase in Regulating Pancreatic Î²-Cell Mass and Function Through Insulin Signaling, Actin Dynamics, and Granule Trafficking. Diabetes, 2012, 61, 1708-1718.	0.6	62
84	Molecular control of compound Exocytosis. Communicative and Integrative Biology, 2012, 5, 61-63.	1.4	17
85	Glucagon secretion and signaling in the development of diabetes. Frontiers in Physiology, 2012, 3, 349.	2.8	56
86	Effects of Ethanol Metabolites on Exocytosis of Pancreatic Acinar Cells in Rats. Gastroenterology, 2012, 143, 832-843.e7.	1.3	23
87	Dual Role of VAMP8 in Regulating Insulin Exocytosis and Islet Î² Cell Growth. Cell Metabolism, 2012, 16, 238-249.	16.2	77
88	VAMP8 Deletion Delays the Onset of Streptozotocin-Induced Hyperglycemia. Canadian Journal of Diabetes, 2012, 36, 251-256.	0.8	1
89	Role of mammalian homologue of Caenorhabditis elegans unc-13-1 (Munc13-1) in the recruitment of newcomer insulin granules in both first and second phases of glucose-stimulated insulin secretion in mouse islets. Diabetologia, 2012, 55, 2693-2702.	6.3	27
90	Deploying insulin granuleâ€“granule fusion to rescue deficient insulin secretion in diabetes. Diabetologia, 2012, 55, 877-880.	6.3	14

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91	Pancreatic GLP-1 receptor activation is sufficient for incretin control of glucose metabolism in mice. Journal of Clinical Investigation, 2012, 122, 388-402.	8.2	141
92	TGF-Î²1 increases invasiveness of SW1990 cells through Rac1/ROS/NF-Î²B/IL-6/MMP-2. Biochemical and Biophysical Research Communications, 2011, 405, 140-145.	2.1	47
93	SNARE protein regulation of cardiac potassium channels and atrial natriuretic factor secretion. Journal of Molecular and Cellular Cardiology, 2011, 50, 401-407.	1.9	24
94	Syntaxin-1A inhibits KATP channels by interacting with specific conserved motifs within sulfonylurea receptor 2A. Journal of Molecular and Cellular Cardiology, 2011, 51, 790-802.	1.9	12
95	Memorial Tribute to Yang Kwong Chen, MD. Pancreas, 2011, 40, 337-338.	1.1	0
96	Unperturbed islet Î±â€cell function examined in mouse pancreas tissue slices. Journal of Physiology, 2011, 589, 395-408.	2.9	61
97	Electrophysiological identification of mouse islet Î±-cells: From isolated single Î±-cells to in situ assessment within pancreas slices. Islets, 2011, 3, 139-143.	1.8	18
98	SUMOylation Regulates Insulin Exocytosis Downstream of Secretory Granule Docking in Rodents and Humans. Diabetes, 2011, 60, 838-847.	0.6	84
99	Vesicle-associated Membrane Protein 8 (VAMP8) Is a SNARE (Soluble N-Ethylmaleimide-sensitive Factor) Tj ETQq1 1 0.784314 rgBT /Ove of Biological Chemistry, 2011, 286, 29627-29634.	3.4	73
100	Syntaxin-1A Interacts with Distinct Domains within Nucleotide-binding Folds of Sulfonylurea Receptor 1 to Inhibit Î²-Cell ATP-sensitive Potassium Channels. Journal of Biological Chemistry, 2011, 286, 23308-23318.	3.4	14
101	ATP Modulates Interaction of Syntaxin-1A with Sulfonylurea Receptor 1 to Regulate Pancreatic Î²-Cell KATP Channels*. Journal of Biological Chemistry, 2011, 286, 5876-5883.	3.4	15
102	Live pancreatic acinar imaging of exocytosis using syncollin-pHluorin. American Journal of Physiology - Cell Physiology, 2011, 300, C1513-C1523.	4.6	27
103	Syntaxin 1A regulates surface expression of Î²-cell ATP-sensitive potassium channels. American Journal of Physiology - Cell Physiology, 2011, 300, C506-C516.	4.6	28
104	Deletion of Pten in Pancreatic Î²-Cells Protects Against Deficient Î²-Cell Mass and Function in Mouse Models of Type 2 Diabetes. Diabetes, 2010, 59, 3117-3126.	0.6	59
105	Erythropoietin protects against diabetes through direct effects on pancreatic Î² cells. Journal of Experimental Medicine, 2010, 207, 2831-2842.	8.5	119
106	Insulin treatment and high-fat diet feeding reduces the expression of three Tcf genes in rodent pancreas. Journal of Endocrinology, 2010, 207, 77-86.	2.6	22
107	Hypoxiaâ€“reoxygenation increase invasiveness of PANC-1 cells through Rac1/MMP-2. Biochemical and Biophysical Research Communications, 2010, 393, 371-376.	2.1	31
108	Nitric oxide activation of a potassium channel (BK_{Ca}) in feline lower esophageal sphincter. World Journal of Gastroenterology, 2010, 16, 5852.	3.3	6

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109	Characterization of Erg K+ Channels in Î±- and Î²-Cells of Mouse and Human Islets. Journal of Biological Chemistry, 2009, 284, 30441-30452.	3.4	42
110	POU Homeodomain Protein Oct-1 Functions as a Sensor for Cyclic AMP. Journal of Biological Chemistry, 2009, 284, 26456-26465.	3.4	33
111	Cab45b, a Munc18b-interacting Partner, Regulates Exocytosis in Pancreatic Î²-Cells. Journal of Biological Chemistry, 2009, 284, 20840-20847.	3.4	8
112	Rescue of Munc18-1 and -2 Double Knockdown Reveals the Essential Functions of Interaction between Munc18 and Closed Syntaxin in PC12 Cells. Molecular Biology of the Cell, 2009, 20, 4962-4975.	2.1	73
113	Rescuing the Subprime Meltdown in Insulin Exocytosis in Diabetes. Annals of the New York Academy of Sciences, 2009, 1152, 154-164.	3.8	19
114	New Insights Into the Mechanisms of Pancreatitis. Gastroenterology, 2009, 136, 2040-2044.	1.3	98
115	Inhibition of Rac1 decreases the severity of pancreatitis and pancreatitisâ€associated lung injury in mice. Experimental Physiology, 2008, 93, 1091-1103.	2.0	27
116	Pancreatic Islet Î± Cell Commands Itself: Secrete More Glucagon!. Cell Metabolism, 2008, 7, 474-475.	16.2	6
117	The RalA GTPase Is a Central Regulator of Insulin Exocytosis from Pancreatic Islet Beta Cells. Journal of Biological Chemistry, 2008, 283, 17939-17945.	3.4	40
118	Syntaxin-1A inhibition of P-1075, cromakalim, and diazoxide actions on mouse cardiac ATP-sensitive potassium channel. Cardiovascular Research, 2008, 80, 365-374.	3.8	10
119	Inhibition of Cholesterol Biosynthesis Impairs Insulin Secretion and Voltage-Gated Calcium Channel Function in Pancreatic Î²-Cells. Endocrinology, 2008, 149, 5136-5145.	2.8	114
120	Botulinum Neurotoxin A and Neurotoxin E Cleavage Products of Synaptosome-Associated Protein of 25 kd Exhibit Distinct Actions on Pancreatic Islet Î²-Cell Kv2.1 Channel Gating. Pancreas, 2008, 36, 10-17.	1.1	13
121	VAMP8 is the v-SNARE that mediates basolateral exocytosis in a mouse model of alcoholic pancreatitis. Journal of Clinical Investigation, 2008, 118, 2535-51.	8.2	77
122	Munc18/SNARE proteinsâ€™ regulation of exocytosis in guinea pig duodenal Brunnerâ€™s gland acini. World Journal of Gastroenterology, 2008, 14, 2314.	3.3	8
123	Distinct In Vivo Roles of Caspase-8 in Â-Cells in Physiological and Diabetes Models. Diabetes, 2007, 56, 2302-2311.	0.6	63
124	Ca2+-dependent Activator Protein for Secretion 1 Is Critical for Constitutive and Regulated Exocytosis but Not for Loading of Transmitters into Dense Core Vesicles. Journal of Biological Chemistry, 2007, 282, 21392-21403.	3.4	42
125	Interaction Between Munc13-1 and RIM Is Critical for Glucagon-Like Peptide-1 Mediated Rescue of Exocytotic Defects in Munc13-1 Deficient Pancreatic Â-Cells. Diabetes, 2007, 56, 2579-2588.	0.6	61
126	Distinct modulation of Kv1.2 channel gating by wild type, but not open form, of syntaxin-1A. American Journal of Physiology - Renal Physiology, 2007, 292, G1233-G1242.	3.4	6

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127	The Actions of a Novel Potent Islet Î²-Cellâ€“Specific ATP-Sensitive K+ Channel Opener Can Be Modulated by Syntaxin-1A Acting on Sulfonylurea Receptor 1. Diabetes, 2007, 56, 2124-2134.	0.6	14
128	SNAREing Voltage-Gated K+ and ATP-Sensitive K+ Channels: Tuning Î²-Cell Excitability with Syntaxin-1A and Other Exocytotic Proteins. Endocrine Reviews, 2007, 28, 653-663.	20.1	97
129	Targeting of Voltage-Gated K+and Ca2+Channels and SolubleN-Ethylmaleimide-Sensitive Factor Attachment Protein Receptor Proteins to Cholesterol-Rich Lipid Rafts in Pancreatic Î±-Cells: Effects on Glucagon Stimulus-Secretion Coupling. Endocrinology, 2007, 148, 2157-2167.	2.8	50
130	Alcohol/Cholecystokinin-evoked Pancreatic Acinar Basolateral Exocytosis Is Mediated by Protein Kinase CÎ± Phosphorylation of Munc18c. Journal of Biological Chemistry, 2007, 282, 13047-13058.	3.4	63
131	Dynamin Is Functionally Coupled to Insulin Granule Exocytosis. Journal of Biological Chemistry, 2007, 282, 33530-33536.	3.4	36
132	A Cytosolic Splice Variant of Cab45 Interacts with Munc18b and Impacts on Amylase Secretion by Pancreatic Acini. Molecular Biology of the Cell, 2007, 18, 2473-2480.	2.1	28
133	Effects of Palmitate on Insulin Secretion and Exocytotic Proteins in Islets of Diabetic Goto-Kakizaki Rats. Pancreas, 2007, 34, 359-363.	1.1	15
134	Activation of Exchange Protein Directly Activated by Cyclic Adenosine Monophosphate and Protein Kinase A Regulate Common and Distinct Steps in Promoting Plasma Membrane Exocytic and Granule-to-Granule Fusions in Rat Islet Î² Cells. Pancreas, 2007, 35, e45-e54.	1.1	26
135	Modulation of the Kv4.3 channel by syntaxin 1A. Biochemical and Biophysical Research Communications, 2007, 358, 789-795.	2.1	4
136	Alcohol-Induced Protein Kinase CÎ± Phosphorylation of Munc18c in Carbachol-Stimulated Acini Causes Basolateral Exocytosis. Gastroenterology, 2007, 132, 1527-1545.	1.3	42
137	Recent insights into the cellular mechanisms of acute pancreatitis. Canadian Journal of Gastroenterology & Hepatology, 2007, 21, 19-24.	1.7	31
138	Alcohol Redirects CCKâ€Mediated Apical Exocytosis to the Acinar Basolateral Membrane in Alcoholic Pancreatitis. Traffic, 2007, 8, 605-617.	2.7	44
139	Characterization of SNAP-25 gene from marine teleostean, Lateolabrax japonicus. Chinese Journal of Oceanology and Limnology, 2007, 25, 378-385.	0.7	0
140	Involvement of VAMP-2 in exocytosis of IL-1Î² in turbot (Scophthalmus maximus) leukocytes after Vibrio anguillarum infection. Biochemical and Biophysical Research Communications, 2006, 342, 509-513.	2.1	14
141	Two populations of pancreatic islet Î±-cells displaying distinct Ca2+ channel properties. Biochemical and Biophysical Research Communications, 2006, 345, 340-344.	2.1	18
142	Insulin Regulates Islet Î±-Cell Function by Reducing KATP Channel Sensitivity to Adenosine 5â€²-Triphosphate Inhibition. Endocrinology, 2006, 147, 2155-2162.	2.8	74
143	Munc13-1 Deficiency Reduces Insulin Secretion and Causes Abnormal Glucose Tolerance. Diabetes, 2006, 55, 1421-1429.	0.6	95
144	Target Soluble N-Ethylmaleimide-Sensitive Factor Attachment Protein Receptors (t-SNAREs) Differently Regulate Activation and Inactivation Gating of Kv2.2 and Kv2.1: Implications on Pancreatic Islet Cell Kv Channels. Molecular Pharmacology, 2006, 70, 818-828.	2.3	17

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145	Impaired Gene and Protein Expression of Exocytotic Soluble N-Ethylmaleimide Attachment Protein Receptor Complex Proteins in Pancreatic Islets of Type 2 Diabetic Patients. Diabetes, 2006, 55, 435-440.	0.6	206
146	The Neuronal Ca2+ Sensor Protein Visinin-like Protein-1 Is Expressed in Pancreatic Islets and Regulates Insulin Secretion. Journal of Biological Chemistry, 2006, 281, 21942-21953.	3.4	53
147	Syntaxin-1A Actions on Sulfonylurea Receptor 2A Can Block Acidic pH-induced Cardiac KATP Channel Activation. Journal of Biological Chemistry, 2006, 281, 19019-19028.	3.4	10
148	Caspase-3-Dependent Î²-Cell Apoptosis in the Initiation of Autoimmune Diabetes Mellitus. Molecular and Cellular Biology, 2005, 25, 3620-3629.	2.3	129
149	Glucagon-Like Peptide 1 Regulates Sequential and Compound Exocytosis in Pancreatic Islet Â-Cells. Diabetes, 2005, 54, 2734-2743.	0.6	73
150	Open form of syntaxin-1A is a more potent inhibitor than wild-type syntaxin-1A of Kv2.1 channels. Biochemical Journal, 2005, 387, 195-202.	3.7	29
151	Electrophysiological Characterization of Pancreatic Islet Cells in the Mouse Insulin Promoter-Green Fluorescent Protein Mouse. Endocrinology, 2005, 146, 4766-4775.	2.8	71
152	Transgenic Mouse Overexpressing Syntaxin-1A as a Diabetes Model. Diabetes, 2005, 54, 2744-2754.	0.6	49
153	Disruption of Pancreatic Î²-Cell Lipid Rafts Modifies Kv2.1 Channel Gating and Insulin Exocytosis. Journal of Biological Chemistry, 2004, 279, 24685-24691.	3.4	159
154	Syntaxin-1A Inhibits Cardiac KATP Channels by Its Actions on Nucleotide Binding Folds 1 and 2 of Sulfonylurea Receptor 2A. Journal of Biological Chemistry, 2004, 279, 47125-47131.	3.4	38
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156	H3 Domain of Syntaxin 1A Inhibits KATP Channels by Its Actions on the Sulfonylurea Receptor 1 Nucleotide-Binding Folds-1 and -2. Journal of Biological Chemistry, 2004, 279, 53259-53265.	3.4	34
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