

Differences in glucose recognition by individual rat pan
intercellular differences in glucose-induced biosynthetic

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunocytochemical localization of alpha-protein kinase C in rat pancreatic beta-cells during glucose-induced insulin secretion.. Journal of Cell Biology, 1992, 119, 313-324.	2.3	79
2	Pancreatic beta cells in insulinâ€dependent diabetes. Diabetes/metabolism Reviews, 1992, 8, 209-227.	0.2	127
3	Effect of streptozotocin and nicotinamide upon FAD-glycerophosphate dehydrogenase activity and insulin release in purified pancreatic B-cells. Molecular and Cellular Biochemistry, 1993, 120, 135-140.	1.4	15
4	Î²â€cell GLUTâ€ loss and nonâ€insulinâ€dependent diabetes mellitus: Current status of the hypothesis. Diabetes/metabolism Reviews, 1993, 9, 231-236.	0.2	9
5	Islet Amyloid Polypeptide: A Review of Its Biology and Potential Roles in the Pathogenesis of Diabetes Mellitus. Veterinary Pathology, 1993, 30, 317-332.	0.8	100
6	Long-term culture of human pancreatic islets in an extracellular matrix: morphological and metabolic effects. Molecular and Cellular Endocrinology, 1993, 94, 9-20.	1.6	155
7	Muscarinic modulation of insulin secretion by single pancreatic Î²-cells. Molecular and Cellular Endocrinology, 1993, 93, 63-69.	1.6	19
8	B-cell size influences glucose-stimulated insulin secretion. American Journal of Physiology - Cell Physiology, 1993, 265, C358-C364.	2.1	58
9	Heterogeneity in glucose sensitivity among pancreatic beta-cells is correlated to differences in glucose phosphorylation rather than glucose transport.. EMBO Journal, 1993, 12, 2873-2879.	3.5	153
10	Preservation of glucose-responsive islet beta-cells during serum-free culture.. Endocrinology, 1994, 134, 2614-2621.	1.4	38
11	Immunocytochemical and ultrastructural heterogeneities of normal and glibenclamide stimulated pancreatic beta cells in the rat. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1994, 425, 305-13.	1.4	23
12	Physiologic relevance of heterogeneity in the pancreatic beta-cell population. Diabetologia, 1994, 37, S57-S64.	2.9	145
13	Irreversible loss of normal beta-cell regulation by glucose in neonatally streptozotocin diabetic rats. Diabetologia, 1994, 37, 351-357.	2.9	19
14	Stimulatory Effect of a Sulfonylurea Analog and Its Polymer Conjugate on Insulin Secretion from Rat Islets. Biotechnology Progress, 1994, 10, 630-635.	1.3	11
15	Heterogeneous secretion of individual B cells in response to D-glucose and to nonglucidic nutrient secretagogues. American Journal of Physiology - Cell Physiology, 1995, 268, C611-C618.	2.1	27
16	The vitamin-E derivative U-83836-E in the low-dose streptozocin-treated mouse: effects on diabetes development. Diabetes Research and Clinical Practice, 1995, 30, 163-171.	1.1	4
17	Pancreatic islet B-cell individual variability rather than subpopulation heterogeneity. Molecular and Cellular Endocrinology, 1996, 118, 163-171.	1.6	10
18	Islet amyloid polypeptide and insulin gene expression are regulated in parallel by glucose in vivo in rats. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E1008-E1014.	1.8	34

#	ARTICLE	IF	CITATIONS
19	Quantitative Subcellular Imaging of Glucose Metabolism within Intact Pancreatic Islets. <i>Journal of Biological Chemistry</i> , 1996, 271, 3647-3651.	1.6	193
20	Individual β Cells within the Intact Islet Differentially Respond to Glucose. <i>Journal of Biological Chemistry</i> , 1997, 272, 26573-26577.	1.6	55
21	Metabolic Fate of Glucose in Purified Islet Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 18572-18579.	1.6	380
22	Is GLUT2 required for glucose sensing?. <i>Diabetologia</i> , 1997, 40, 104-111.	2.9	40
23	Ultrastructural and secretory heterogeneity of fa/fa (Zucker) rat islets. <i>Molecular and Cellular Endocrinology</i> , 1998, 136, 119-129.	1.6	16
24	Intercellular Differences in Interleukin 1β -Induced Suppression of Insulin Synthesis and Stimulation of Noninsulin Protein Synthesis by Rat Pancreatic β -Cells*. <i>Endocrinology</i> , 1998, 139, 1540-1545.	1.4	39
25	Effect of Glucose on Production and Release of Proinsulin Conversion Products by Cultured Human Islets1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1234-1238.	1.8	7
26	Glucose-induced pulsatile insulin release from single islets at stable and oscillatory cytoplasmic Ca^{2+} . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E796-E800.	1.8	26
27	Expression and Regulation of Glucokinase in Rat Islet β - and δ -Cells during Development*. <i>Endocrinology</i> , 1999, 140, 3762-3766.	1.4	20
28	β -Cell Dysfunction and Death. <i>Advances in Molecular and Cell Biology</i> , 1999, 29, 47-73.	0.1	4
29	Cellular Origin of Hexokinase in Pancreatic Islets. <i>Journal of Biological Chemistry</i> , 1999, 274, 32803-32809.	1.6	52
30	Unbiased estimation of total β -cell number and mean β -cell volume in rodent pancreas. <i>Apms</i> , 1999, 107, 791-799.	0.9	42
31	Real-time Analysis of Glucose Metabolism by Microscopy. <i>Trends in Endocrinology and Metabolism</i> , 1999, 10, 413-417.	3.1	43
32	Expression profiling of pancreatic beta cells: Glucose regulation of secretory and metabolic pathway genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 5773-5778.	3.3	162
33	Glucose-mediated Ca^{2+} signalling in single clonal insulin-secreting cells: evidence for a mixed model of cellular activation. <i>International Journal of Biochemistry and Cell Biology</i> , 2000, 32, 557-569.	1.2	13
34	mRNA profiling of pancreatic beta-cells: investigating mechanisms of diabetes. , 2001, , 187-211.		2
35	Entrapment of dispersed pancreatic islet cells in CultiSpher-S macroporous gelatin microcarriers: Preparation, in vitro characterization, and microencapsulation. <i>Biotechnology and Bioengineering</i> , 2001, 75, 741-744.	1.7	46
36	Tolbutamide stimulation of pancreatic β -cells involves both cell recruitment and increase in the individual Ca^{2+} response. <i>British Journal of Pharmacology</i> , 2001, 133, 575-585.	2.7	20

#	ARTICLE	IF	CITATIONS
37	Expression of the Protein Tyrosine Phosphatase-like Protein IA-2 During Pancreatic Islet Development. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 767-775.	1.3	19
38	Expression of the Receptor Tyrosine Kinase KIT in Mature β -Cells and in the Pancreas in Development. <i>Diabetes</i> , 2001, 50, 2021-2028.	0.3	46
39	Measurements of Cytoplasmic Ca ²⁺ in Islet Cell Clusters Show That Glucose Rapidly Recruits β -Cells and Gradually Increases the Individual Cell Response. <i>Diabetes</i> , 2001, 50, 540-550.	0.3	98
40	Proinsulin processing in the diabetic Goto-Kakizaki rat. <i>Journal of Endocrinology</i> , 2002, 175, 637-647.	1.2	41
41	Co-ordinated Ca ²⁺ -signalling within pancreatic islets: does β -cell entrainment require a secreted messenger. <i>Cell Calcium</i> , 2002, 31, 209-219.	1.1	26
42	Non-invasive live-cell measurement of changes in macrophage NAD(P)H by two-photon microscopy. <i>Immunology Letters</i> , 2005, 96, 33-38.	1.1	15
43	Redox Control of Exocytosis: Regulatory Role of NADPH, Thioredoxin, and Glutaredoxin. <i>Diabetes</i> , 2005, 54, 2132-2142.	0.3	232
44	Glucose Suppresses Superoxide Generation in Metabolically Responsive Pancreatic β Cells*. <i>Journal of Biological Chemistry</i> , 2005, 280, 20389-20396.	1.6	120
45	Metabolic Activation of Glucose Low-Responsive β -Cells by Glyceraldehyde Correlates with Their Biosynthetic Activation in Lower Glucose Concentration Range But Not at High Glucose. <i>Endocrinology</i> , 2006, 147, 5196-5204.	1.4	9
47	Insulin secretion from human beta cells is heterogeneous and dependent on cell-to-cell contacts. <i>Diabetologia</i> , 2008, 51, 1843-1852.	2.9	115
48	Mutated ATP synthase induces oxidative stress and impaired insulin secretion in β -cells of female BHE/cdb rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 392-403.	1.7	16
49	A Role for the Extracellular Calcium-Sensing Receptor in Cell-Cell Communication in Pancreatic Islets of Langerhans. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 557-566.	1.1	33
50	Exploring Functional β -Cell Heterogeneity In Vivo Using PSA-NCAM as a Specific Marker. <i>PLoS ONE</i> , 2009, 4, e5555.	1.1	39
51	Maturation of Adult β -Cells Revealed Using a Pdx1/Insulin Dual-Reporter Lentivirus. <i>Endocrinology</i> , 2009, 150, 1627-1635.	1.4	64
52	Kisspeptin stimulation of insulin secretion: mechanisms of action in mouse islets and rats. <i>Diabetologia</i> , 2009, 52, 855-862.	2.9	70
53	Insulin crystallization depends on zinc transporter ZnT8 expression, but is not required for normal glucose homeostasis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14872-14877.	3.3	294
54	Effects of palmitate on ER and cytosolic Ca ²⁺ homeostasis in β -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E690-E701.	1.8	169
55	Chapter 17 Glucose, Regulator of Survival and Phenotype of Pancreatic Beta Cells. <i>Vitamins and Hormones</i> , 2009, 80, 507-539.	0.7	23

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56	Single pancreatic beta cells co-express multiple islet hormone genes in mice. <i>Diabetologia</i> , 2010, 53, 128-138.	2.9	58
57	Functional interactions between pancreatic beta cells and (pre)adipocytes. <i>Endocrine</i> , 2010, 38, 118-126.	1.1	3
58	Protein Markers for Insulin-Producing Beta Cells with Higher Glucose Sensitivity. <i>PLoS ONE</i> , 2010, 5, e14214.	1.1	33
59	Pim3 negatively regulates glucose-stimulated insulin secretion. <i>Islets</i> , 2010, 2, 308-317.	0.9	18
60	Connexins: Key Mediators of Endocrine Function. <i>Physiological Reviews</i> , 2011, 91, 1393-1445.	13.1	145
61	In Vivo Misfolding of Proinsulin Below the Threshold of Frank Diabetes. <i>Diabetes</i> , 2011, 60, 2092-2101.	0.3	35
62	A Low-Oxygenated Subpopulation of Pancreatic Islets Constitutes a Functional Reserve of Endocrine Cells. <i>Diabetes</i> , 2011, 60, 2068-2075.	0.3	68
63	Imaging dynamic insulin release using a fluorescent zinc indicator for monitoring induced exocytotic release (ZIMIR). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21063-21068.	3.3	133
64	Subpopulations of GFP-Marked Mouse Pancreatic β^2 -Cells Differ in Size, Granularity, and Insulin Secretion. <i>Endocrinology</i> , 2012, 153, 5180-5187.	1.4	47
65	Connexin-dependent signaling in neuro-hormonal systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1919-1936.	1.4	21
66	β^2 -Cell Dysfunction in Chronic Pancreatitis. <i>Digestive Diseases and Sciences</i> , 2012, 57, 1764-1772.	1.1	68
67	Functional characteristics of neonatal rat β^2 cells with distinct markers. <i>Journal of Molecular Endocrinology</i> , 2014, 52, 11-28.	1.1	37
68	Protective effect of bioflavonoid myricetin enhances carbohydrate metabolic enzymes and insulin signaling molecules in streptozotocin-cadmium induced diabetic nephrotoxic rats. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 173-185.	1.3	59
69	Progressive glucose stimulation of islet beta cells reveals a transition from segregated to integrated modular functional connectivity patterns. <i>Scientific Reports</i> , 2015, 5, 7845.	1.6	73
70	Characterization of Antibodies to Products of Proinsulin Processing Using Immunofluorescence Staining of Pancreas in Multiple Species. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 646-662.	1.3	32
71	Direct effect of glucocorticoids on glucose-activated adult rat β^2 -cells increases their cell number and their functional mass for transplantation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E698-E705.	1.8	10
72	Disallowed and Allowed Gene Expression: Two Faces of Mature Islet Beta Cells. <i>Annual Review of Nutrition</i> , 2016, 36, 45-71.	4.3	74
73	Single-Cell Mass Cytometry Analysis of the Human Endocrine Pancreas. <i>Cell Metabolism</i> , 2016, 24, 616-626.	7.2	126

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74	Beta Cell Hubs Dictate Pancreatic Islet Responses to Glucose. <i>Cell Metabolism</i> , 2016, 24, 389-401.	7.2	370
75	Impact of islet architecture on β^2 -cell heterogeneity, plasticity and function. <i>Nature Reviews Endocrinology</i> , 2016, 12, 695-709.	4.3	150
76	Multifunctional <i>in vivo</i> imaging of pancreatic islets in diabetes development. <i>Journal of Cell Science</i> , 2016, 129, 2865-75.	1.2	21
77	All mixed up: defining roles for β^2 -cell subtypes in mature islets. <i>Genes and Development</i> , 2017, 31, 228-240.	2.7	62
78	Is a β^2 cell a β^2 cell?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2017, 24, 92-97.	1.2	3
79	Virgin Beta Cells Persist throughout Life at a Neogenic Niche within Pancreatic Islets. <i>Cell Metabolism</i> , 2017, 25, 911-926.e6.	7.2	172
80	β^2 Cell Aging Markers Have Heterogeneous Distribution and Are Induced by Insulin Resistance. <i>Cell Metabolism</i> , 2017, 25, 898-910.e5.	7.2	149
81	Heterogeneity in the Beta-Cell Population: a Guided Search Into Its Significance in Pancreas and in Implants. <i>Current Diabetes Reports</i> , 2017, 17, 86.	1.7	26
82	Berberine chloride ameliorates oxidative stress, inflammation and apoptosis in the pancreas of Streptozotocin induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 175-185.	2.5	51
83	Interrogating islets in health and disease with single-cell technologies. <i>Molecular Metabolism</i> , 2017, 6, 991-1001.	3.0	42
84	Critical and Supercritical Spatiotemporal Calcium Dynamics in Beta Cells. <i>Frontiers in Physiology</i> , 2017, 8, 1106.	1.3	41
85	Heterogeneity of the Pancreatic Beta Cell. <i>Frontiers in Genetics</i> , 2017, 8, 22.	1.1	81
86	The role of beta cell heterogeneity in islet function and insulin release. <i>Journal of Molecular Endocrinology</i> , 2018, 61, R43-R60.	1.1	54
87	New Understanding of β^2 -Cell Heterogeneity and In Situ Islet Function. <i>Diabetes</i> , 2018, 67, 537-547.	0.3	116
88	Gap junction proteins are key drivers of endocrine function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 124-140.	1.4	34
89	Ultrastructure of endocrine pancreatic granules during pancreatic differentiation in the grass snake, <i>Natrix natrix</i> L. (Lepidosauria, Serpentes). <i>Journal of Morphology</i> , 2018, 279, 330-348.	0.6	3
90	The Impact of Pancreatic Beta Cell Heterogeneity on Type 1 Diabetes Pathogenesis. <i>Current Diabetes Reports</i> , 2018, 18, 112.	1.7	17
91	Single molecule approaches for studying gene regulation in metabolic tissues. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 145-156.	2.2	4

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92	Random Matrix Analysis of Ca ²⁺ Signals in \hat{I}^2 -Cell Collectives. <i>Frontiers in Physiology</i> , 2019, 10, 1194.	1.3	5
93	Informing \hat{I}^2 -cell regeneration strategies using studies of heterogeneity. <i>Molecular Metabolism</i> , 2019, 27, S49-S59.	3.0	7
94	Navigating the Depths and Avoiding the Shallows of Pancreatic Islet Cell Transcriptomes. <i>Diabetes</i> , 2019, 68, 1380-1393.	0.3	73
95	Evidence of a developmental origin of beta-cell heterogeneity using a dual lineage tracing technology. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	11
96	Leader \hat{I}^2 -cells coordinate Ca ²⁺ dynamics across pancreatic islets in vivo. <i>Nature Metabolism</i> , 2019, 1, 615-629.	5.1	128
97	The Pdx1-Bound Swi/Snf Chromatin Remodeling Complex Regulates Pancreatic Progenitor Cell Proliferation and Mature Islet \hat{I}^2 -Cell Function. <i>Diabetes</i> , 2019, 68, 1806-1818.	0.3	31
98	Heterogeneity of the Human Pancreatic Islet. <i>Diabetes</i> , 2019, 68, 1230-1239.	0.3	65
99	How Heterogeneity in Glucokinase and Gap-Junction Coupling Determines the Islet [Ca ²⁺] Response. <i>Biophysical Journal</i> , 2019, 117, 2188-2203.	0.2	26
100	Transcriptional Heterogeneity of Beta Cells in the Intact Pancreas. <i>Developmental Cell</i> , 2019, 48, 115-125.e4.	3.1	70
101	Characterization of the Goto-Kakizaki (GK) Rat Model of Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2019, 1916, 203-211.	0.4	21
102	Metabolic and Functional Heterogeneity in Pancreatic \hat{I}^2 Cells. <i>Journal of Molecular Biology</i> , 2020, 432, 1395-1406.	2.0	24
103	Molecular and functional profiling of human islets: from heterogeneity to human phenotypes. <i>Diabetologia</i> , 2020, 63, 2095-2101.	2.9	17
104	\hat{I}^2 Cells Operate Collectively to Help Maintain Glucose Homeostasis. <i>Biophysical Journal</i> , 2020, 118, 2588-2595.	0.2	21
105	Importance of Both Imprinted Genes and Functional Heterogeneity in Pancreatic Beta Cells: Is There a Link?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1000.	1.8	10
106	GLP-1 receptor signaling increases PCSK1 and \hat{I}^2 cell features in human \hat{I}^{\pm} cells. <i>JCI Insight</i> , 2021, 6, .	2.3	24
107	Small subpopulations of \hat{I}^2 -cells do not drive islet oscillatory [Ca ²⁺] dynamics via gap junction communication. <i>PLoS Computational Biology</i> , 2021, 17, e1008948.	1.5	22
109	Predisposition to Proinsulin Misfolding as a Genetic Risk to Diet-Induced Diabetes. <i>Diabetes</i> , 2021, 70, 2580-2594.	0.3	6
110	Stem/progenitor cells in normal physiology and disease of the pancreas. <i>Molecular and Cellular Endocrinology</i> , 2021, 538, 111459.	1.6	6

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111	Molecular Biology of Gap Junction Proteins. , 1994, , 333-356.		4
112	Glucose-Induced B-Cell Recruitment and the Expression of Hexokinase Isoenzymes. Advances in Experimental Medicine and Biology, 1997, 426, 259-266.	0.8	6
113	Reconstructing Islet Function In Vitro. Advances in Experimental Medicine and Biology, 1997, 426, 285-298.	0.8	20
114	Intercellular Communication and Insulin Secretion. , 1997, , 24-42.		6
115	Pancreatic beta cell heterogeneity in glucose-induced insulin secretion.. Journal of Biological Chemistry, 1992, 267, 21344-21348.	1.6	136
118	GLUT-2 function in glucose-unresponsive beta cells of dexamethasone-induced diabetes in rats.. Journal of Clinical Investigation, 1993, 92, 1950-1956.	3.9	41
119	Glucose promotes survival of rat pancreatic beta cells by activating synthesis of proteins which suppress a constitutive apoptotic program.. Journal of Clinical Investigation, 1996, 98, 1568-1574.	3.9	255
120	Prolonged exposure of human beta cells to elevated glucose levels results in sustained cellular activation leading to a loss of glucose regulation.. Journal of Clinical Investigation, 1996, 98, 2805-2812.	3.9	163
121	Bone marrow: An extra-pancreatic hideout for the elusive pancreatic stem cell?. Journal of Clinical Investigation, 2003, 111, 799-801.	3.9	24
122	Exposure of human islets to cytokines can result in disproportionately elevated proinsulin release. Journal of Clinical Investigation, 1999, 104, 67-72.	3.9	96
123	Dominant protein interactions that influence the pathogenesis of conformational diseases. Journal of Clinical Investigation, 2013, 123, 3124-3134.	3.9	21
124	Susceptibility of Pancreatic Beta Cells to Fatty Acids Is Regulated by LXR/PPAR α -Dependent Stearoyl-Coenzyme A Desaturase. PLoS ONE, 2009, 4, e7266.	1.1	43
125	Glucose Regulates Rat Beta Cell Number through Age-Dependent Effects on Beta Cell Survival and Proliferation. PLoS ONE, 2014, 9, e85174.	1.1	7
126	Semi-automated digital measurement as the method of choice for beta cell mass analysis. PLoS ONE, 2018, 13, e0191249.	1.1	3
127	The physiological role of β -cell heterogeneity in pancreatic islet function. Nature Reviews Endocrinology, 2022, 18, 9-22.	4.3	61
128	Gene Expression Profiling by Microarrays. , 2001, , .		2
131	Heterogeneity in glucose sensitivity among pancreatic beta-cells is correlated to differences in glucose phosphorylation rather than glucose transport. EMBO Journal, 1993, 12, 2873-9.	3.5	53
132	Microtubules regulate pancreatic β -cell heterogeneity via spatiotemporal control of insulin secretion hot spots. ELife, 2021, 10, .	2.8	11

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138	Irreversible loss of normal beta-cell regulation by glucose in neonatally streptozotocin diabetic rats. <i>Diabetologia</i> , 1994, 37, 351-357.	2.9	2
140	Dynamic <i>Ins2</i> Gene Activity Defines β^2 -Cell Maturity States. <i>Diabetes</i> , 2022, 71, 2612-2631.	0.3	5
141	Molecular phenotyping of single pancreatic islet leader beta cells by "Flash-Seq". <i>Life Sciences</i> , 2023, 316, 121436.	2.0	10
144	A beta cell subset with enhanced insulin secretion and glucose metabolism is reduced in type 2 diabetes. <i>Nature Cell Biology</i> , 2023, 25, 565-578.	4.6	11
145	Monitoring autophagic flux in vivo revealed its physiological response and significance of heterogeneity in pancreatic beta cells. <i>Cell Chemical Biology</i> , 2023, 30, 658-671.e4.	2.5	3
146	Epigenetic dosage identifies two major and functionally distinct β^2 cell subtypes. <i>Cell Metabolism</i> , 2023, 35, 821-836.e7.	7.2	12
147	"FunDNAmethyl" Mechanism for Developmental Restriction of a β^2 -Cell Subpopulation. <i>Diabetes</i> , 2023, 72, 557-559.	0.3	0
151	Insulin biosynthesis and release in health and disease. , 2023, , 3-24.		0