Susan Bonner-Weir , Susan Bonner Wei

List of Publications by Year
in descending order

258	33,239	87	178
papers	citations	h-index	g-index

4146

3830

262	262	262	22368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Externalized phosphatidylinositides on apoptotic cells are eat-me signals recognized by CD14. Cell Death and Differentiation, 2022, 29, 1423-1432.	11.2	12
2	Unique Human and Mouse Î²-Cell Senescence-Associated Secretory Phenotype (SASP) Reveal Conserved Signaling Pathways and Heterogeneous Factors. Diabetes, 2021, 70, 1098-1116.	0.6	27
3	Reduced glucose-induced first-phase insulin release is a danger signal that predicts diabetes. Journal of Clinical Investigation, 2021, 131, .	8.2	9
4	The Î²-cell glucose toxicity hypothesis: Attractive but difficult to prove. Metabolism: Clinical and Experimental, 2021, 124, 154870.	3.4	16
5	New evidence for adult beta cell neogenesis. Cell Stem Cell, 2021, 28, 1889-1890.	11.1	2
6	The islets of Langerhans continue to reveal their secrets. Nature Reviews Endocrinology, 2020, 16, 73-74.	9.6	2
7	Î²-cell secretory dysfunction: a key cause of type 2 diabetes â€“ Authors' reply. Lancet Diabetes and Endocrinology,the, 2020, 8, 370-371.	11.4	4
8	Inadequate Î²-cell mass is essential for the pathogenesis of type 2 diabetes. Lancet Diabetes and Endocrinology,the, 2020, 8, 249-256.	11.4	114
9	Beta cell identity changes with mild hyperglycemia: Implications for function, growth, and vulnerability. Molecular Metabolism, 2020, 35, 100959.	6.5	60
10	Acceleration of Î² Cell Aging Determines Diabetes and Senolysis Improves Disease Outcomes. Cell Metabolism, 2019, 30, 129-142.e4.	16.2	277
11	Generation of Pancreatic Ductal Organoids and Wholeâ€Mount Immunostaining of Intact Organoids. Current Protocols in Cell Biology, 2019, 83, e82.	2.3	8
12	Residual Î² cell function and monogenic variants in long-duration type 1 diabetes patients. Journal of Clinical Investigation, 2019, 129, 3252-3263.	8.2	62
13	SUN-LB059 A Rare Case Of Hypoglycemia Secondary To Proinsulin-Intermediate Secreting Tumor. Journal of the Endocrine Society, 2019, 3, .	0.2	0
14	T3 Induces Both Markers of Maturation and Aging in Pancreatic Î²-Cells. Diabetes, 2018, 67, 1322-1331.	0.6	14
15	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. Stem Cell Reports, 2018, 10, 712-724.	4.8	106
16	Pancreatic Î² Cell Regeneration as a Possible Therapy for Diabetes. Cell Metabolism, 2018, 27, 57-67.	16.2	172
17	Heterogeneity of SOX9 and HNF1Î² in Pancreatic Ducts Is Dynamic. Stem Cell Reports, 2018, 10, 725-738.	4.8	27
18	GABA Signaling Stimulates Î² Cell Regeneration in Diabetic Mice. Cell, 2017, 168, 7-9.	28.9	21

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19	Evidence of stress in Î² cells obtained with laser capture microdissection from pancreases of brain dead donors. Islets, 2017, 9, 19-29.	1.8	20
20	Î² Cell Aging Markers Have Heterogeneous Distribution and Are Induced by Insulin Resistance. Cell Metabolism, 2017, 25, 898-910.e5.	16.2	149
21	Glucose Driven Changes in Beta Cell Identity Are Important for Function and Possibly Autoimmune Vulnerability during the Progression of Type 1 Diabetes. Frontiers in Genetics, 2017, 8, 2.	2.3	7
22	Pancreatic Î²-cell heterogeneity revisited. Nature, 2016, 535, 365-366.	27.8	18
23	V-Maf Musculoaponeurotic Fibrosarcoma Oncogene Homolog A Synthetic Modified mRNA Drives Reprogramming of Human Pancreatic Duct-Derived Cells Into Insulin-Secreting Cells. Stem Cells Translational Medicine, 2016, 5, 1525-1537.	3.3	13
24	Pancreatic Regeneration After Partial Pancreatectomy in Rodents. Pancreatic Islet Biology, 2016, , 111-123.	0.3	2
25	A Special Thanks to the Reviewers ofDiabetes. Diabetes, 2016, 65, 1451-1451.	0.6	0
26	Dynamic development of the pancreas from birth to adulthood. Upsala Journal of Medical Sciences, 2016, 121, 155-158.	0.9	52
27	Hyperglycaemia attenuates in vivo reprogramming of pancreatic exocrine cells to beta cells in mice. Diabetologia, 2016, 59, 522-532.	6.3	27
28	Trimeprazine increases IRS2 in human islets and promotes pancreatic Î² cell growth and function in mice. JCI Insight, 2016, 1, .	5.0	8
29	Compensatory Response by Late Embryonic Tubular Epithelium to the Reduction in Pancreatic Progenitors. PLoS ONE, 2015, 10, e0142286.	2.5	1
30	Reprogramming Mouse Cells With a Pancreatic Duct Phenotype to Insulin-Producing Î²-Like Cells. Endocrinology, 2015, 156, 2029-2038.	2.8	28
31	Direct Reprogramming for Pancreatic Beta-Cells Using Key Developmental Genes. Current Pathobiology Reports, 2015, 3, 57-65.	3.4	11
32	Human Islet Morphology Revisited. Journal of Histochemistry and Cytochemistry, 2015, 63, 604-612.	2.5	92
33	MAFA and T3 Drive Maturation of Both Fetal Human Islets and Insulin-Producing Cells Differentiated From hESC. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3651-3659.	3.6	38
34	Reduced Ki67 Staining in the Postmortem State Calls Into Question Past Conclusions About the Lack of Turnover of Adult Human Î²-Cells. Diabetes, 2015, 64, 1698-1702.	0.6	40
35	Adult Progenitor Cells as a Potential Treatment for Diabetes. , 2014, , 491-500.		0
36	Î²-Cell Differentiation of Human Pancreatic Ductâ€"Derived Cells After In Vitro Expansion. Cellular Reprogramming, 2014, 16, 456-466.	0.9	26

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37	Reanalysis of study of pancreatic effects of incretin therapy: methodological deficiencies. Diabetes, Obesity and Metabolism, 2014, 16, 661-666.	4.4	47
38	Occurrence of Spontaneous Pancreatic Lesions in Normal and Diabetic Rats: A Potential Confounding Factor in the Nonclinical Assessment of GLP-1â€"Based Therapies. Diabetes, 2014, 63, 1303-1314.	0.6	33
39	Differentiation of pancreatic endocrine progenitors reversibly blocked by premature induction of MafA. Developmental Biology, 2014, 385, 2-12.	2.0	17
40	ANGPTL8/Betatrophin Does Not Control Pancreatic Beta Cell Expansion. Cell, 2014, 159, 691-696.	28.9	187
41	Birth and Death of Human Î²-Cells in Pancreases from Cadaver Donors, Autopsies, Surgical Specimens, and Islets Transplanted into Mice. Cell Transplantation, 2014, 23, 139-151.	2.5	26
42	Making Î² Cells from Adult Cells Within the Pancreas. Current Diabetes Reports, 2013, 13, 695-703.	4.2	45
43	Conversion of Mature Human Î²-Cells Into Glucagon-Producing Î±-Cells. Diabetes, 2013, 62, 2471-2480.	0.6	115
44	Pancreatic Duct Ligation After Almost Complete Î²-Cell Loss: Exocrine Regeneration but No Evidence of Î²-Cell Regeneration. Endocrinology, 2013, 154, 4493-4502.	2.8	34
45	Thyroid Hormone Promotes Postnatal Rat Pancreatic Î²-Cell Development and Glucose-Responsive Insulin Secretion Through MAFA. Diabetes, 2013, 62, 1569-1580.	0.6	120
46	Islet Î² cell mass in diabetes and how it relates to function, birth, and death. Annals of the New York Academy of Sciences, 2013, 1281, 92-105.	3.8	264
47	Adult Progenitor Cells as a Potential Treatment for Diabetes. , 2013, , 827-834.		0
48	Î²-cell dedifferentiation in diabetes is important, but what is it?. Islets, 2013, 5, 233-237.	1.8	102
49	PDX1 in Ducts Is Not Required for Postnatal Formation of Â-Cells but Is Necessary for Their Subsequent Maturation. Diabetes, 2013, 62, 3459-3468.	0.6	21
50	TNF-Like Weak Inducer of Apoptosis (TWEAK) Promotes Beta Cell Neogenesis from Pancreatic Ductal Epithelium in Adult Mice. PLoS ONE, 2013, 8, e72132.	2.5	21
51	Sustained NF-ÎºB Activation and Inhibition in Î²-Cells Have Minimal Effects on Function and Islet Transplant Outcomes. PLoS ONE, 2013, 8, e77452.	2.5	10
52	Subpopulations of GFP-Marked Mouse Pancreatic Î²-Cells Differ in Size, Granularity, and Insulin Secretion. Endocrinology, 2012, 153, 5180-5187.	2.8	47
53	Concise Review: Pancreas Regeneration: Recent Advances and Perspectives. Stem Cells Translational Medicine, 2012, 1, 150-159.	3.3	64
54	Regulation of Insulin Secretion and Islet Cell Function. , 2012, , 1-17.		1

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55	New clues to bariatric surgery's benefits. Nature Medicine, 2012, 18, 860-861.	30.7	6
56	Islet Neogenesis: A Possible Pathway for Beta-Cell Replenishment. Review of Diabetic Studies, 2012, 9, 407-416.	1.3	49
57	Stem cell approaches for diabetes: towards beta cell replacement. Genome Medicine, 2011, 3, 61.	8.2	45
58	Quantitative Assessment of Islets of Langerhans Encapsulated in Alginate. Tissue Engineering - Part C: Methods, 2011, 17, 435-449.	2.1	58
59	Mafa expression enhances glucose-responsive insulin secretion in neonatal rat beta cells. Diabetologia, 2011, 54, 583-593.	6.3	138
60	Rat neonatal beta cells lack the specialised metabolic phenotype of mature beta cells. Diabetologia, 2011, 54, 594-604.	6.3	111
61	Tissue-specific disallowance of housekeeping genes: The other face of cell differentiation. Genome Research, 2011, 21, 95-105.	5.5	163
62	Sleeping Islets and the Relationship Between Î²-Cell Mass and Function. Diabetes, 2011, 60, 2018-2019.	0.6	17
63	Finally! A human pancreatic Î² cell line. Journal of Clinical Investigation, 2011, 121, 3395-3397.	8.2	31
64	Mice with a Targeted Deletion of the Type 2 Deiodinase Are Insulin Resistant and Susceptible to Diet Induced Obesity. PLoS ONE, 2011, 6, e20832.	2.5	74
65	Dexamethasone as a Regulator of Î²-Cell Maturation. , 2011, , P2-501-P2-501.		0
66	Plasma Prolactin Levels May Affect the Development of Postnatal Rat Islets. , 2011, , P2-491-P2-491.		0
67	Accurate control of oxygen level in cells during culture on silicone rubber membranes with application to stem cell differentiation. Biotechnology Progress, 2010, 26, 805-818.	2.6	20
68	Lack of Evidence for Recipient Precursor Cells Replenishing Î²-Cells in Transplanted Islets. Cell Transplantation, 2010, 19, 1563-1572.	2.5	7
69	Stem cell therapy for type 1 diabetes mellitus. Nature Reviews Endocrinology, 2010, 6, 139-148.	9.6	153
70	Regenerating pancreatic Î²-cells: plasticity of adult pancreatic cells and the feasibility of in-vivo neogenesis. Current Opinion in Organ Transplantation, 2010, 15, 79-85.	1.6	47
71	OVO homologue-like 1 (Ovol1) transcription factor: a novel target of neurogenin-3 in rodent pancreas. Diabetologia, 2010, 53, 115-122.	6.3	4
72	Single pancreatic beta cells co-express multiple islet hormone genes in mice. Diabetologia, 2010, 53, 128-138.	6.3	58

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73	Dimorphic histopathology of long-standing childhood-onset diabetes. Diabetologia, 2010, 53, 690-698.	6.3	134
74	Rat islet cell aggregates are superior to islets for transplantation in microcapsules. Diabetologia, 2010, 53, 937-945.	6.3	85
75	Quantitative analysis of cell composition and purity of human pancreatic islet preparations. Laboratory Investigation, 2010, 90, 1661-1675.	3.7	137
76	Enumeration of islets by nuclei counting and light microscopic analysis. Laboratory Investigation, 2010, 90, 1676-1686.	3.7	16
77	Gene Expression Profiles of Beta-Cell Enriched Tissue Obtained by Laser Capture Microdissection from Subjects with Type 2 Diabetes. PLoS ONE, 2010, 5, e11499.	2.5	252
78	Identification of Markers for Newly Formed Î²-Cells in the Perinatal Period: A Time of Recognized Î²-Cell Immaturity. Journal of Histochemistry and Cytochemistry, 2010, 58, 369-376.	2.5	42
79	Response to Comment on: Keenan et al. (2010) Residual Insulin Production and Pancreatic Â-Cell Turnover After 50 Years of Diabetes: Joslin Medalist Study. Diabetes 2010;59:2846-2853. Diabetes, 2010, 59, e27-e27.	0.6	1
80	Dreams for Type 1 Diabetes: Shutting Off Autoimmunity and Stimulating Î²-Cell Regeneration. Endocrinology, 2010, 151, 2971-2973.	2.8	11
81	Î²-Cell Growth and Regeneration: Replication Is Only Part of the Story. Diabetes, 2010, 59, 2340-2348.	0.6	212
82	Ductal Origin Hypothesis of Pancreatic Regeneration under Attack. Cell Metabolism, 2010, 11, 2-3.	16.2	64
83	Ductal Origin Hypothesis of Pancreatic Regeneration under Attack. Cell Metabolism, 2010, 11, 172.	16.2	1
84	Activation of pancreatic-duct-derived progenitor cells during pancreas regeneration in adult rats. Journal of Cell Science, 2010, 123, 2792-2802.	2.0	143
85	Residual Insulin Production and Pancreatic Î²-Cell Turnover After 50 Years of Diabetes: Joslin Medalist Study. Diabetes, 2010, 59, 2846-2853.	0.6	422
86	Protective Unfolded Protein Response in Human Pancreatic Beta Cells Transplanted into Mice. PLoS ONE, 2010, 5, e11211.	2.5	29
87	What Does It Take to Make a Beta Cell?. , 2010, , 137-152.		0
88	Generation of Beta Cells from Pancreatic Duct Cells and/or Stem Cells. , 2010, , 167-182.		0
89	Mutations at the <i>BLK</i> locus linked to maturity onset diabetes of the young and Î²-cell dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14460-14465.	7.1	156
90	p38 MAPK Is a Major Regulator of MafA Protein Stability under Oxidative Stress. Molecular Endocrinology, 2009, 23, 1281-1290.	3.7	34

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91	Porcine Marginal Mass Islet Autografts Resist Metabolic Failure Over Time and Are Enhanced by Early Treatment with Liraglutide. Endocrinology, 2009, 150, 2145-2152.	2.8	36
92	Adult mouse intrahepatic biliary epithelial cells induced in vitro to become insulin-producing cells. Journal of Endocrinology, 2009, 201, 37-47.	2.6	66
93	Differentiation of COPAS-sorted non-endocrine pancreatic cells into insulin-positive cells in the mouse. Diabetologia, 2009, 52, 645-652.	6.3	24
94	Developmental pathways during in vitro progression of human islet neogenesis. Differentiation, 2009, 77, 135-147.	1.9	18
95	Expression of MafA in pancreatic progenitors is detrimental for pancreatic development. Developmental Biology, 2009, 333, 108-120.	2.0	39
96	Laser Capture Microdissection of Human Pancreatic Î²-Cells and RNA Preparation for Gene Expression Profiling. Methods in Molecular Biology, 2009, 560, 87-98.	0.9	23
97	Insulin-producing Cells Derived from Stem Cells. , 2009, , 513-521.		1
98	Bone marrow or foetal liver cells fail to induce islet regeneration in diabetic Akita mice. Diabetes/Metabolism Research and Reviews, 2008, 24, 585-590.	4.0	11
99	Preferential reduction of Î² cells derived from Pax6â€"MafB pathway in MafB deficient mice. Developmental Biology, 2008, 314, 443-456.	2.0	53
100	Preservation of Î²-cell function by targeting Î²-cell mass. Trends in Pharmacological Sciences, 2008, 29, 218-227.	8.7	64
101	BS1-A Islet neogenesis. Diabetes Research and Clinical Practice, 2008, 79, S3-S4.	2.8	0
102	Islets in Type 2 Diabetes: In Honor of Dr. Robert C. Turner. Diabetes, 2008, 57, 2899-2904.	0.6	61
103	Curative and Î² cell regenerative effects of Î±1-antitrypsin treatment in autoimmune diabetic NOD mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16242-16247.	7.1	154
104	Loss of Ncb5or Results in Impaired Fatty Acid Desaturation, Lipoatrophy, and Diabetes. Journal of Biological Chemistry, 2008, 283, 29285-29291.	3.4	31
105	Gene Expression of Purified Î²-Cell Tissue Obtained from Human Pancreas with Laser Capture Microdissection. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1046-1053.	3.6	73
106	Transdifferentiation of pancreatic ductal cells to endocrine Î²-cells. Biochemical Society Transactions, 2008, 36, 353-356.	3.4	152
107	Carbonic anhydrase II-positive pancreatic cells are progenitors for both endocrine and exocrine pancreas after birth. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19915-19919.	7.1	409
108	Modification of adverse inflammation is required to cure new-onset type 1 diabetic hosts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13074-13079.	7.1	59

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109	Differentiation of Affinity-Purified Human Pancreatic Duct Cells to Â-Cells. Diabetes, 2007, 56, 1802-1809.	0.6	139
110	Downregulation of GLP-1 and GIP Receptor Expression by Hyperglycemia: Possible Contribution to Impaired Incretin Effects in Diabetes. Diabetes, 2007, 56, 1551-1558.	0.6	319
111	A dominant role for glucose in Î² cell compensation of insulin resistance. Journal of Clinical Investigation, 2007, 117, 81-83.	8.2	56
112	Protein-tyrosine Phosphatase 1B Deficiency Reduces Insulin Resistance and the Diabetic Phenotype in Mice with Polygenic Insulin Resistance*. Journal of Biological Chemistry, 2007, 282, 23829-23840.	3.4	58
113	Normal Relationship of Â- and Non Â-Cells Not Needed for Successful Islet Transplantation. Diabetes, 2007, 56, 2312-2318.	0.6	50
114	Characterization of Islet Preparations. , 2007, , 85-133.		16
115	NeuroD and reaggregation induce Î²-cell specific gene expression in cultured hepatocytes. Diabetes/Metabolism Research and Reviews, 2007, 23, 239-249.	4.0	25
116	Reply to 'In vivo imaging of islet transplantation'. Nature Medicine, 2007, 13, 773-773.	30.7	2
117	Changes in gene expression in beta cells after islet isolation and transplantation using laser-capture microdissection. Diabetologia, 2007, 50, 334-342.	6.3	56
118	Influence of diabetes on the loss of beta cell differentiation after islet transplantation in rats. Diabetologia, 2007, 50, 2117-2125.	6.3	45
119	In vivo multimodal imaging of transplanted pancreatic islets. Nature Protocols, 2006, 1, 429-435.	12.0	53
120	Are there pancreatic progenitor cells from which new islets form after birth?. Nature Clinical Practice Endocrinology and Metabolism, 2006, 2, 240-241.	2.8	55
121	GLP-1/exendin-4 facilitates Î²-cell neogenesis in rat and human pancreatic ducts. Diabetes Research and Clinical Practice, 2006, 73, 107-110.	2.8	102
122	A switch from MafB to MafA expression accompanies differentiation to pancreatic Î²-cells. Developmental Biology, 2006, 293, 526-539.	2.0	268
123	Induction of Pancreatic Stem/Progenitor Cells into Insulin-Producing Cells by Adenoviral-Mediated Gene Transfer Technology. Cell Transplantation, 2006, 15, 929-938.	2.5	85
124	In vivo imaging of islet transplantation. Nature Medicine, 2006, 12, 144-148.	30.7	248
125	p16INK4a induces an age-dependent decline in islet regenerative potential. Nature, 2006, 443, 453-457.	27.8	922
126	Reply to comment on: Patti ME, McMahon G, Mun EC et al. (2005) Severe hypoglycaemia post-gastric bypass requiring partial pancreatectomy: evidence for inappropriate insulin secretion and pancreatic islet hyperplasia. Diabetologia 48:2236â€“2240. Diabetologia, 2006, 49, 609-610.	6.3	3

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127	Endogenous beta-galactosidase expression in murine pancreatic islets. Diabetologia, 2006, 49, 1120-1122.	6.3	11
128	How can we get more beta cells?. Current Diabetes Reports, 2006, 6, 96-101.	4.2	9
129	Timing and expression pattern of carbonic anhydrase II in pancreas. Developmental Dynamics, 2006, 235, 1571-1577.	1.8	35
130	Evidence for a Role of the Ubiquitin-Proteasome Pathway in Pancreatic Islets. Diabetes, 2006, 55, 1223-1231.	0.6	52
131	In Vivo Imaging of Immune Rejection in Transplanted Pancreatic Islets. Diabetes, 2006, 55, 2419-2428.	0.6	158
132	Generation of Islets from Pancreatic Progenitor Cells. , 2006, , 309-319.		0
133	New sources of pancreatic Î²-cells. Nature Biotechnology, 2005, 23, 857-861.	17.5	381
134	Islet transplantation outcomes in mice are better with fresh islets and exendin-4 treatment. Diabetologia, 2005, 48, 2074-2079.	6.3	78
135	Severe hypoglycaemia post-gastric bypass requiring partial pancreatectomy: evidence for inappropriate insulin secretion and pancreatic islet hyperplasia. Diabetologia, 2005, 48, 2236-2240.	6.3	345
136	BETA2/NeuroD Protein Can Be Transduced Into Cells Due to an Arginine- and Lysine-Rich Sequence. Diabetes, 2005, 54, 2859-2866.	0.6	110
137	Imaging Â-Cell Death With a Near-Infrared Probe. Diabetes, 2005, 54, 1780-1788.	0.6	35
138	Induced ICER IÎ³ down-regulates cyclin A expression and cell proliferation in insulin-producing Î² cells. Biochemical and Biophysical Research Communications, 2005, 329, 925-929.	2.1	28
139	Mechanism of PDX-1 protein transduction. Biochemical and Biophysical Research Communications, 2005, 332, 68-74.	2.1	59
140	Establishment of a Diabetic Mouse Model with Progressive Diabetic Nephropathy. American Journal of Pathology, 2005, 167, 327-336.	3.8	42
141	Insulin-Producing Cells Derived from Embryonic Stem Cells: A Potential Treatment for Diabetes. , 2004, , 723-729.		2
142	Adult Progenitor Cells as a Potential Treatment for Diabetes. , 2004, , 731-737.		0
143	Analysis: Assessment of Human Islet Preparations to Be Used for Islet Expansion, Survival, or Transplant. Diabetes Technology and Therapeutics, 2004, 6, 493-494.	4.4	2
144	Overexpression of Inducible Cyclic AMP Early Repressor Inhibits Transactivation of Genes and Cell Proliferation in Pancreatic Î² Cells. Molecular and Cellular Biology, 2004, 24, 2831-2841.	2.3	71

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145	The pancreatic ductal epithelium serves as a potential pool of progenitor cells. Pediatric Diabetes, 2004, 5, 16-22.	2.9	311
146	Î²-cell precursorsâ€"a work in progress. Nature Biotechnology, 2004, 22, 1095-1096.	17.5	19
147	Five Stages of Evolving Beta-Cell Dysfunction During Progression to Diabetes. Diabetes, 2004, 53, S16-S21.	0.6	888
148	Photo-acceleration of protein release from endosome in the protein transduction system. FEBS Letters, 2004, 572, 221-226.	2.8	64
149	Transplantation of islets transduced with CTLA4-Ig and TGFÎ² using adenovirus and lentivirus vectors. Transplant Immunology, 2004, 13, 191-200.	1.2	28
150	Expression of the Intermediate Filament Vimentin in Proliferating Duct Cells as a Marker of Pancreatic Precursor Cells. Pancreas, 2004, 28, 121-128.	1.1	39
151	Î²-Cell Deficit and Increased Î²-Cell Apoptosis in Humans With Type 2 Diabetes. Diabetes, 2003, 52, 102-110.	0.6	3,615
152	Macrophage depletion improves survival of porcine neonatal pancreatic cell clusters contained in alginate macrocapsules transplanted into rats. Xenotransplantation, 2003, 10, 240-251.	2.8	55
153	Development and retroviral transduction of porcine neonatal pancreatic islet cells in monolayer culture. Development Growth and Differentiation, 2003, 45, 39-50.	1.5	11
154	Selective Î²-Cell Loss and Î±-Cell Expansion in Patients with Type 2 Diabetes Mellitus in Korea. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2300-2308.	3.6	578
155	Suppression of Î² Cell Energy Metabolism and Insulin Release by PGC-1Î±. Developmental Cell, 2003, 5, 73-83.	7.0	134
156	Stem Cells in Diabetes: What Has Been Achieved. Hormone Research in Paediatrics, 2003, 60, 10-10.	1.8	11
157	Critical Reduction in Î²-Cell Mass Results in Two Distinct Outcomes over Time. Journal of Biological Chemistry, 2003, 278, 2997-3005.	3.4	140
158	Survival and Maturation of Microencapsulated Porcine Neonatal Pancreatic Cell Clusters Transplanted into Immunocompetent Diabetic Mice. Diabetes, 2003, 52, 69-75.	0.6	125
159	PDX-1 Protein Containing Its Own Antennapedia-Like Protein Transduction Domain Can Transduce Pancreatic Duct and Islet Cells. Diabetes, 2003, 52, 1732-1737.	0.6	219
160	Importance of hyperglycemia on the primary function of allogeneic islet transplants1. Transplantation, 2003, 76, 657-664.	1.0	35
161	Overexpression of c-Myc in Â-Cells of Transgenic Mice Causes Proliferation and Apoptosis, Downregulation of Insulin Gene Expression, and Diabetes. Diabetes, 2002, 51, 1793-1804.	0.6	126
162	Genetic Regulation of Metabolic Pathways in Î²-Cells Disrupted by Hyperglycemia. Journal of Biological Chemistry, 2002, 277, 10912-10921.	3.4	173

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163	Involvement of Protein Kinase C Î²2 in c-mycInduction by High Glucose in Pancreatic Î²-Cells. Journal of Biological Chemistry, 2002, 277, 3680-3685.	3.4	54
164	Involvement of c-Jun N-terminal Kinase in Oxidative Stress-mediated Suppression of Insulin Gene Expression. Journal of Biological Chemistry, 2002, 277, 30010-30018.	3.4	294
165	Induction of c-Myc Expression Suppresses Insulin Gene Transcription by Inhibiting NeuroD/BETA2-mediated Transcriptional Activation. Journal of Biological Chemistry, 2002, 277, 12998-13006.	3.4	63
166	Increased Expression of Antioxidant and Antiapoptotic Genes in Islets That May Contribute to Â-Cell Survival During Chronic Hyperglycemia. Diabetes, 2002, 51, 413-423.	0.6	183
167	Pancreatic stem cells. Journal of Pathology, 2002, 197, 519-526.	4.5	265
168	Translational Control Is Required for the Unfolded Protein Response and In Vivo Glucose Homeostasis. Molecular Cell, 2001, 7, 1165-1176.	9.7	1,217
169	Adaptation of Î²-cell mass to substrate oversupply: enhanced function with normal gene expression. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E788-E796.	3.5	135
170	PORCINE NEONATAL PANCREATIC CELL CLUSTERS IN TISSUE CULTURE: BENEFITS OF SERUM AND IMMOBILIZATION IN ALGINATE HYDROGEL1. Transplantation, 2001, 71, 1518-1526.	1.0	20
171	Strategies for Î²-cell replacement in diabetes: obtaining and protecting islet tissue. Current Opinion in Endocrinology, Diabetes and Obesity, 2001, 8, 213-218.	0.6	1
172	GENE EXPRESSION OF VEGF AND ITS RECEPTORS Flk-1/KDR AND Flt-1 IN CULTURED AND TRANSPLANTED RAT ISLETS1. Transplantation, 2001, 71, 924-935.	1.0	89
173	ISLETS IN ALGINATE MACROBEADS REVERSE DIABETES DESPITE MINIMAL ACUTE INSULIN SECRETORY RESPONSES1. Transplantation, 2001, 71, 203-211.	1.0	68
174	ENHANCED MATURATION OF PORCINE NEONATAL PANCREATIC CELL CLUSTERS WITH GROWTH FACTORS FAILS TO IMPROVE TRANSPLANTATION OUTCOME1. Transplantation, 2001, 71, 1154-1162.	1.0	23
175	Activation of the Hexosamine Pathway Leads to Deterioration of Pancreatic Î²-Cell Function through the Induction of Oxidative Stress. Journal of Biological Chemistry, 2001, 276, 31099-31104.	3.4	279
176	Beta-cell turnover: its assessment and implications. Diabetes, 2001, 50, S20-S24.	0.6	201
177	Noninvasive In Vivo Measurement of Â-Cell Mass in Mouse Model of Diabetes. Diabetes, 2001, 50, 2231-2236.	0.6	106
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