Piero Marchetti

List of Publications by Year
in descending order

456	32,496	3731 89	5829 161
papers	citations	h-index	g-index

475	475	475	35651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treating Type 1 Diabetes by Pancreas Transplant Alone: A Cohort Study on Actual Long-term (10 Years) Efficacy and Safety. Transplantation, 2022, 106, 147-157.	1.0	13
2	Gain of Function of Malate Dehydrogenase 2 and Familial Hyperglycemia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 668-684.	3.6	4
3	Increased Expression of Viral Sensor MDA5 in Pancreatic Islets and in Hormone-Negative Endocrine Cells in Recent Onset Type 1 Diabetic Donors. Frontiers in Immunology, 2022, 13, 833141.	4.8	9
4	Glucose-Dependent miR-125b Is a Negative Regulator of Î²-Cell Function. Diabetes, 2022, 71, 1525-1545.	0.6	10
5	The p66Shc Protein Mediates Insulin Resistance and Secretory Dysfunction in Pancreatic Î²-Cells Under Lipotoxic Conditions. Diabetes, 2022, 71, 1763-1771.	0.6	6
6	In vivo and in vitro characterization of <scp>GL0034</scp>, a novel longâ€acting <scp>glucagonâ€like peptide</scp>â€1 receptor agonist. Diabetes, Obesity and Metabolism, 2022, 24, 2090-2101.	4.4	4
7	The Role of Beta Cell Recovery in Type 2 Diabetes Remission. International Journal of Molecular Sciences, 2022, 23, 7435.	4.1	17
8	Selective beta-cell toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on isolated pancreatic islets. Chemosphere, 2021, 265, 129103.	8.2	11
9	Noradrenergic fibers are associated with beta-cell dedifferentiation and impaired beta-cell function in humans. Metabolism: Clinical and Experimental, 2021, 114, 154414.	3.4	12
10	Pro-Inflammatory Cytokines Induce Insulin and Glucagon Double Positive Human Islet Cells That Are Resistant to Apoptosis. Biomolecules, 2021, 11, 320.	4.0	9
11	Chromatin 3D interaction analysis of the STARD10 locus unveils FCHSD2 as a regulator of insulin secretion. Cell Reports, 2021, 34, 108703.	6.4	4
12	Endogenous mitochondrial doubleâ€stranded RNA is not an activator of the type I interferon response in human pancreatic beta cells. Autoimmunity Highlights, 2021, 12, 6.	3.9	5
13	DNAJC3 deficiency induces Î²-cell mitochondrial apoptosis and causes syndromic young-onset diabetes. European Journal of Endocrinology, 2021, 184, 455-468.	3.7	29
14	Mast Cells and the Pancreas in Human Type 1 and Type 2 Diabetes. Cells, 2021, 10, 1875.	4.1	3
15	First World Consensus Conference on Pancreas Transplantation: Part I â€“ methods and results of literature search. American Journal of Transplantation, 2021, 21 Suppl 3, 1-16.	4.7	9
16	A functional genomic approach to identify reference genes for human pancreatic beta cell real-time quantitative RT-PCR analysis. Islets, 2021, 13, 51-65.	1.8	5
17	First World Consensus Conference on pancreas transplantation: Part II â€“ recommendations. American Journal of Transplantation, 2021, 21, 17-59.	4.7	43
18	Spatiotemporal Correlation Spectroscopy Reveals a Protective Effect of Peptide-Based GLP-1 Receptor Agonism against Lipotoxicity on Insulin Granule Dynamics in Primary Human Î²-Cells. Pharmaceutics, 2021, 13, 1403.	4.5	2

#	Article	IF	Citations
19	Protective effects of Stevia rebaudiana extracts on beta cells in lipotoxic conditions. Acta Diabetologica, 2021, , 1.	2.5	2
20	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. Cell Reports, 2021, 37, 109807.	6.4	45
21	Î²-Cell Pathophysiology: A Review of Advanced Optical Microscopy Applications. International Journal of Molecular Sciences, 2021, 22, 12820.	4.1	5
22	Arginase 2 and Polyamines in Human Pancreatic Beta Cells: Possible Role in the Pathogenesis of Type 2 Diabetes. International Journal of Molecular Sciences, 2021, 22, 12099.	4.1	5
23	The expression of genes in top obesity-associated loci is enriched in insula and substantia nigra brain regions involved in addiction and reward. International Journal of Obesity, 2020, 44, 539-543.	3.4	38
24	Pro-inflammatory cytokines induce cell death, inflammatory responses, and endoplasmic reticulum stress in human iPSC-derived beta cells. Stem Cell Research and Therapy, 2020, 11, 7.	5.5	60
25	A nanobody-based nuclear imaging tracer targeting dipeptidyl peptidase 6 to determine the mass of human beta cell grafts in mice. Diabetologia, 2020, 63, 825-836.	6.3	20
26	Stearoyl CoA desaturase is a gatekeeper that protects human beta cells against lipotoxicity and maintains their identity. Diabetologia, 2020, 63, 395-409.	6.3	37
27	Pancreatic Alpha-Cells Contribute Together With Beta-Cells to CXCL10 Expression in Type 1 Diabetes. Frontiers in Endocrinology, 2020, 11, 630.	3.5	17
28	Nanoencapsulated human pancreatic islets for Î²-cell replacement in Type 1 diabetes. Nanomedicine, 2020, 15, 1735-1738.	3.3	5
29	Persistent or Transient Human Î² Cell Dysfunction Induced by Metabolic Stress: Specific Signatures and Shared Gene Expression with Type 2 Diabetes. Cell Reports, 2020, 33, 108466.	6.4	65
30	SARS-CoV-2 Receptor Angiotensin I-Converting Enzyme Type 2 (ACE2) Is Expressed in Human Pancreatic Î²-Cells and in the Human Pancreas Microvasculature. Frontiers in Endocrinology, 2020, 11, 596898.	3.5	144
31	Circulating unmethylated CHTOP and INS DNA fragments provide evidence of possible islet cell death in youth with obesity and diabetes. Clinical Epigenetics, 2020, 12, 116.	4.1	17
32	Supporting physicians in the management of metabolic alterations in adult kidney transplant recipients: a comment on the joint position statement of the Italian Society of Nephrology (SIN), the Italian Society for Organ Transplantation (SITO) and the Italian Diabetes Society (SID). Journal of Nephrology, 2020, 33, 887-893.	2.0	1
33	Combined transcriptome and proteome profiling of the pancreatic Î²-cell response to palmitate unveils key pathways of Î²-cell lipotoxicity. BMC Genomics, 2020, 21, 590.	2.8	35
34	A circular RNA generated from an intron of the insulin gene controls insulin secretion. Nature Communications, 2020, 11, 5611.	12.8	51
35	A direct look at the dysfunction and pathology of the Î² cells in human type 2 diabetes. Seminars in Cell and Developmental Biology, 2020, 103, 83-93.	5.0	28
36	Preclinical evaluation of tyrosine kinase 2 inhibitors for human betaâ€cell protection in type 1 diabetes. Diabetes, Obesity and Metabolism, 2020, 22, 1827-1836.	4.4	25

#	Article	IF	Citations
37	Subcapsular Renal Hematoma in Simultaneous Pancreas Kidney Transplantation. Case Reports in Transplantation, 2020, 2020, 1-7.	0.3	3
38	Management of metabolic alterations in adult kidney transplant recipients: A joint position statement of the Italian Society of Nephrology (SIN), the Italian Society for Organ Transplantation (SITO) and the Italian Diabetes Society (SID). Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1427-1441.	2.6	6
39	Insulin Autoimmune Syndrome (Hirata Disease): A Comprehensive Review Fifty Years After Its First Description . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 963-978.	2.4	62
40	The T1D-associated lncRNA Lnc13 modulates human pancreatic Î² cell inflammation by allele-specific stabilization of STAT1 mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9022-9031.	7.1	43
41	An integrated multi-omics approach identifies the landscape of interferon-Î±-mediated responses of human pancreatic beta cells. Nature Communications, 2020, 11, 2584.	12.8	87
42	Integration of single-cell datasets reveals novel transcriptomic signatures of Î²-cells in human type 2 diabetes. NAR Genomics and Bioinformatics, 2020, 2, lqaa097.	3.2	15
43	Exenatide induces frataxin expression and improves mitochondrial function in Friedreich ataxia. JCI Insight, 2020, 5, .	5.0	39
44	YIPF5 mutations cause neonatal diabetes and microcephaly through endoplasmic reticulum stress. Journal of Clinical Investigation, 2020, 130, 6338-6353.	8.2	58
45	Induction and Immunosuppressive Management of Pancreas Transplant Recipients. Current Pharmaceutical Design, 2020, 26, 3425-3439.	1.9	10
46	Fostering improved human islet research: a European perspective. Diabetologia, 2019, 62, 1514-1516.	6.3	13
47	The impact of proinflammatory cytokines on the Î²-cell regulatory landscape provides insights into the genetics of type 1 diabetes. Nature Genetics, 2019, 51, 1588-1595.	21.4	117
48	Modulation of Autophagy Influences the Function and Survival of Human Pancreatic Beta Cells Under Endoplasmic Reticulum Stress Conditions and in Type 2 Diabetes. Frontiers in Endocrinology, 2019, 10, 52.	3.5	67
49	A Call for Improved Reporting of Human Islet Characteristics in Research Articles. Diabetes, 2019, 68, 239-240.	0.6	21
50	Leader Î²-cells coordinate Ca2+ dynamics across pancreatic islets in vivo. Nature Metabolism, 2019, 1, 615-629.	11.9	128
51	Insulin secretory granules labelled with phogrin-fluorescent proteins show alterations in size, mobility and responsiveness to glucose stimulation in living Î²-cells. Scientific Reports, 2019, 9, 2890.	3.3	24
52	Phosphoproteomics Reveals the GSK3-PDX1 Axis as a Key Pathogenic Signaling Node in Diabetic Islets. Cell Metabolism, 2019, 29, 1422-1432.e3.	16.2	65
53	Laser capture microdissection of human pancreatic islets reveals novel eQTLs associated with type 2 diabetes. Molecular Metabolism, 2019, 24, 98-107.	6.5	26
54	Coxsackievirus B Tailors the Unfolded Protein Response to Favour Viral Amplification in Pancreatic Î² Cells. Journal of Innate Immunity, 2019, 11, 375-390.	3.8	23

#	Article	IF	Citations
55	A call for improved reporting of human islet characteristics in research articles. Diabetologia, 2019, 62, 209-211.	6.3	19
56	Pilot, Open, Randomized, Prospective Trial for Normothermic Machine Perfusion Evaluation in Liver Transplantation From Older Donors. Liver Transplantation, 2019, 25, 436-449.	2.4	98
57	Ultra-high resolution MALDI-FTICR-MSI analysis of intact proteins in mouse and human pancreas tissue. International Journal of Mass Spectrometry, 2019, 437, 10-16.	1.5	24
58	mTORC1-to-AMPK switching underlies Î² cell metabolic plasticity during maturation and diabetes. Journal of Clinical Investigation, 2019, 129, 4124-4137.	8.2	80
59	The miRNAs miR-211-5p and miR-204-5p modulate ER stress in human beta cells. Journal of Molecular Endocrinology, 2019, 63, 139-149.	2.5	29
60	A patient with MEN1 and endâ€‘stage chronic kidney disease due to Alport syndrome: Decision making on the eligibility of transplantation. Molecular and Clinical Oncology, 2018, 8, 449-452.	1.0	0
61	Modeling human pancreatic beta cell dedifferentiation. Molecular Metabolism, 2018, 10, 74-86.	6.5	65
62	Targeting GLP-1 receptor trafficking to improve agonist efficacy. Nature Communications, 2018, 9, 1602.	12.8	162
63	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. Nature Communications, 2018, 9, 1488.	12.8	50
64	The type 2 diabetes-associated HMG20A gene is mandatory for islet beta cell functional maturity. Cell Death and Disease, 2018, 9, 279.	6.3	36
65	DPP-4 is expressed in human pancreatic beta cells and its direct inhibition improves beta cell function and survival in type 2 diabetes. Molecular and Cellular Endocrinology, 2018, 473, 186-193.	3.2	48
66	Organ donor pancreases for the study of human islet cell histology and pathophysiology: a precious and valuable resource. Diabetologia, 2018, 61, 770-774.	6.3	31
67	MiRâ€184 expression is regulated by AMPK in pancreatic islets. FASEB Journal, 2018, 32, 2587-2600.	0.5	39
68	MondoA Is an Essential Glucose-Responsive Transcription Factor in Human Pancreatic Î²-Cells. Diabetes, 2018, 67, 461-472.	0.6	36
69	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic Î²-Cells. Diabetes, 2018, 67, 385-399.	0.6	41
70	SRp55 Regulates a Splicing Network That Controls Human Pancreatic Î²-Cell Function and Survival. Diabetes, 2018, 67, 423-436.	0.6	46
71	IFN-Î± induces a preferential long-lasting expression of MHC class I in human pancreatic beta cells. Diabetologia, 2018, 61, 636-640.	6.3	50
72	Systems biology of the IMIDIA biobank from organ donors and pancreatectomised patients defines a novel transcriptomic signature of islets from individuals with type 2 diabetes. Diabetologia, 2018, 61, 641-657.	6.3	131

#	Article	IF	Citations
73	Duodenal graft complications requiring duodenectomy after pancreas and pancreasâ€“kidney transplantation. American Journal of Transplantation, 2018, 18, 1388-1396.	4.7	20
74	Glucocorticoids Reprogram Î²-Cell Signaling to Preserve Insulin Secretion. Diabetes, 2018, 67, 278-290.	0.6	52
75	Exercise training protects human and rodent Î² cells against endoplasmic reticulum stress and apoptosis. FASEB Journal, 2018, 32, 1524-1536.	0.5	33
76	Pancreatic Î²-cell tRNA hypomethylation and fragmentation link TRMT10A deficiency with diabetes. Nucleic Acids Research, 2018, 46, 10302-10318.	14.5	93
77	PDL1 is expressed in the islets of people with type 1 diabetes and is up-regulated by interferons-Î± and-Î³ via IRF1 induction. EBioMedicine, 2018, 36, 367-375.	6.1	138
78	Inflammation-Induced Citrullinated Glucose-Regulated Protein 78 Elicits Immune Responses in Human Type 1 Diabetes. Diabetes, 2018, 67, 2337-2348.	0.6	56
79	Imaging of Human Insulin Secreting Cells with Gd-DOTA-P88, a Paramagnetic Contrast Agent Targeting the Beta Cell Biomarker FXYD2Î³a. Molecules, 2018, 23, 2100.	3.8	9
80	Protective role of the ELOVL2/docosahexaenoic acid axis in glucolipotoxicity-induced apoptosis in rodent beta cells and human islets. Diabetologia, 2018, 61, 1780-1793.	6.3	32
81	Conventional and Neo-antigenic Peptides Presented by Î² Cells Are Targeted by Circulating NaÃ¯ve CD8+ T Cells in Type 1 Diabetic and Healthy Donors. Cell Metabolism, 2018, 28, 946-960.e6.	16.2	177
82	Conformal coating by multilayer nano-encapsulation for the protection of human pancreatic islets: In-vitro and in-vivo studies. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2191-2203.	3.3	26
83	The effects of kisspeptin on Î²â€cell function, serum metabolites and appetite in humans. Diabetes, Obesity and Metabolism, 2018, 20, 2800-2810.	4.4	74
84	MicroRNA Expression Analysis of In Vitro Dedifferentiated Human Pancreatic Islet Cells Reveals the Activation of the Pluripotency-Related MicroRNA Cluster miR-302s. International Journal of Molecular Sciences, 2018, 19, 1170.	4.1	14
85	Probing the light scattering properties of insulin secretory granules in single live cells. Biochemical and Biophysical Research Communications, 2018, 503, 2710-2714.	2.1	5
86	Virus-like infection induces human Î² cell dedifferentiation. JCI Insight, 2018, 3, .	5.0	53
87	Spontaneously remitting insulin autoimmune syndrome in a patient taking alpha-lipoic acid. Endocrinology, Diabetes and Metabolism Case Reports, 2018, 2018, .	0.5	10
88	The Endocrine Pancreas. Endocrinology, 2018, , 423-454.	0.1	0
89	Interferon-Î± mediates human beta cell HLA class I overexpression, endoplasmic reticulum stress and apoptosis, three hallmarks of early human type 1 diabetes. Diabetologia, 2017, 60, 656-667.	6.3	135
90	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. American Journal of Human Genetics, 2017, 100, 238-256.	6.2	60

#	Article	IF	Citations
91	dUTPase (DUT) Is Mutated in a Novel Monogenic Syndrome With Diabetes and Bone Marrow Failure. Diabetes, 2017, 66, 1086-1096.	0.6	22
92	Neuron-enriched RNA-binding Proteins Regulate Pancreatic Beta Cell Function and Survival. Journal of Biological Chemistry, 2017, 292, 3466-3480.	3.4	56
93	Stem cells to restore insulin production and cure diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 583-600.	2.6	26
94	Expression and functional assessment of candidate type 2 diabetes susceptibility genes identify four new genes contributing to human insulin secretion. Molecular Metabolism, 2017, 6, 459-470.	6.5	55
95	The immunoproteasome is induced by cytokines and regulates apoptosis in human islets. Journal of Endocrinology, 2017, 233, 369-379.	2.6	26
96	Guanabenz Sensitizes Pancreatic Î² Cells to Lipotoxic Endoplasmic Reticulum Stress and Apoptosis. Endocrinology, 2017, 158, 1659-1670.	2.8	21
97	High-throughput screening and bioinformatic analysis to ascertain compounds that prevent saturated fatty acid-induced Î²-cell apoptosis. Biochemical Pharmacology, 2017, 138, 140-149.	4.4	22
98	Protective Role of Complement C3 Against Cytokine-Mediated Î²-Cell Apoptosis. Endocrinology, 2017, 158, 2503-2521.	2.8	32
99	Ultrastructural alterations of pancreatic beta cells in human diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2017, 33, e2894.	4.0	46
100	Palmitate-induced lipotoxicity alters acetylation of multiple proteins in clonal Î² cells and human pancreatic islets. Scientific Reports, 2017, 7, 13445.	3.3	44
101	Atorvastatin but Not Pravastatin Impairs Mitochondrial Function in Human Pancreatic Islets and Rat Î²-Cells. Direct Effect of Oxidative Stress. Scientific Reports, 2017, 7, 11863.	3.3	59
102	The Myokine Irisin Is Released in Response to Saturated Fatty Acids and Promotes Pancreatic Î²-Cell Survival and Insulin Secretion. Diabetes, 2017, 66, 2849-2856.	0.6	96
103	A 2A adenosine receptors control pancreatic dysfunction in highâ€fatâ€dietâ€induced obesity. FASEB Journal, 2017, 31, 4985-4997.	0.5	30
104	A nanobody-based tracer targeting DPP6 for non-invasive imaging of human pancreatic endocrine cells. Scientific Reports, 2017, 7, 15130.	3.3	41
105	Pancreatic Î²-cell protection from inflammatory stress by the endoplasmic reticulum proteins thrombospondin 1 and mesencephalic astrocyte-derived neutrotrophic factor (MANF). Journal of Biological Chemistry, 2017, 292, 14977-14988.	3.4	41
106	MCL-1 Is a Key Antiapoptotic Protein in Human and Rodent Pancreatic Î²-Cells. Diabetes, 2017, 66, 2446-2458.	0.6	19
107	MicroRNAs miR-23a-3p, miR-23b-3p, and miR-149-5p Regulate the Expression of Proapoptotic BH3-Only Proteins DP5 and PUMA in Human Pancreatic Î²-Cells. Diabetes, 2017, 66, 100-112.	0.6	87
108	FGF-2b and h-PL Transform Duct and Non-Endocrine Human Pancreatic Cells into Endocrine Insulin Secreting Cells by Modulating Differentiating Genes. International Journal of Molecular Sciences, 2017, 18, 2234.	4.1	13

#	Article	IF	Citations
109	Pancreatic Beta Cell Identity in Humans and the Role of Type 2 Diabetes. Frontiers in Cell and Developmental Biology, 2017, 5, 55.	3.7	67
110	Co-localization of acinar markers and insulin in pancreatic cells of subjects with type 2 diabetes. PLoS ONE, 2017, 12, e0179398.	2.5	17
111	Update on pancreatic transplantation on the management of diabetes. Minerva Medica, 2017, 108, 405-418.	0.9	18
112	Both 3,5-diiodo-L-thyronine (T2) and T3 modulate glucose-induced insulin secretion. Journal of Biological Regulators and Homeostatic Agents, 2017, 31, 503-508.	0.7	8
113	Phenylpropenoic Acid Glucoside from Rooibos Protects Pancreatic Beta Cells against Cell Death Induced by Acute Injury. PLoS ONE, 2016, 11, e0157604.	2.5	28
114	Changes in the expression of the type 2 diabetes-associated gene VPS13C in the Î²-cell are associated with glucose intolerance in humans and mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E488-E507.	3.5	21
115	Ubiquitin D Regulates IRE1Î±/c-Jun N-terminal Kinase (JNK) Protein-dependent Apoptosis in Pancreatic Beta Cells. Journal of Biological Chemistry, 2016, 291, 12040-12056.	3.4	44
116	Frequency and characteristics of diabetes in 300 pre-liver transplant patients. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 441-442.	2.6	12
117	Beta Cell Hubs Dictate Pancreatic Islet Responses toÂGlucose. Cell Metabolism, 2016, 24, 389-401.	16.2	370
118	Glucolipotoxicity initiates pancreatic Î²-cell death through TNFR5/CD40-mediated STAT1 and NF-ÎºB activation. Cell Death and Disease, 2016, 7, e2329-e2329.	6.3	34
119	Thrombospondin 1 protects pancreatic Î²-cells from lipotoxicity via the PERKâ€“NRF2 pathway. Cell Death and Differentiation, 2016, 23, 1995-2006.	11.2	56
120	Islet inflammation in type 2 diabetes. Diabetologia, 2016, 59, 668-672.	6.3	41
121	Sorcin Links Pancreatic Î²-Cell Lipotoxicity to ER Ca2+ Stores. Diabetes, 2016, 65, 1009-1021.	0.6	45
122	Evidence of Î²-Cell Dedifferentiation in Human Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1044-1054.	3.6	438
123	The Endocrine Pancreas. Endocrinology, 2016, , 1-32.	0.1	0
124	Defects in mitophagy promote redoxâ€driven metabolic syndrome in the absence of <scp>TP</scp> 53 <scp>INP</scp> 1. EMBO Molecular Medicine, 2015, 7, 802-818.	6.9	38
125	In vitro use of free fatty acids bound to albumin: A comparison of protocols. BioTechniques, 2015, 58, 228-33.	1.8	63
126	Glucagon-like peptide 1 protects INS-1E mitochondria against palmitate-mediated beta-cell dysfunction: a proteomic study. Molecular BioSystems, 2015, 11, 1696-1707.	2.9	19

#	Article	IF	Citations
127	Loss-of-Function Mutations in APPL1 in Familial Diabetes Mellitus. American Journal of Human Genetics, 2015, 97, 177-185.	6.2	114
128	Labeling and Tracking of Human Pancreatic Islets Using Carbon Nanotubes. Journal of Biomedical Nanotechnology, 2015, 11, 730-738.	1.1	6
129	Unveiling a common mechanism of apoptosis in Î²-cells and neurons in Friedreich's ataxia. Human Molecular Genetics, 2015, 24, 2274-2286.	2.9	58
130	Cytokines induce endoplasmic reticulum stress in human, rat and mouse beta cells via different mechanisms. Diabetologia, 2015, 58, 2307-2316.	6.3	181
131	Pancreatic Î± Cells are Resistant to Metabolic Stress-induced Apoptosis in Type 2 Diabetes. EBioMedicine, 2015, 2, 378-385.	6.1	80
132	A red-shifted photochromic sulfonylurea for the remote control of pancreatic beta cell function. Chemical Communications, 2015, 51, 6018-6021.	4.1	49
133	The p66Shc redox adaptor protein is induced by saturated fatty acids and mediates lipotoxicity-induced apoptosis in pancreatic beta cells. Diabetologia, 2015, 58, 1260-1271.	6.3	40
134	TYK2, a Candidate Gene for Type 1 Diabetes, Modulates Apoptosis and the Innate Immune Response in Human Pancreatic Î²-Cells. Diabetes, 2015, 64, 3808-3817.	0.6	98
135	Mast cells infiltrate pancreatic islets in human type 1 diabetes. Diabetologia, 2015, 58, 2554-2562.	6.3	46
136	Kidney-Pancreas Transplantation. , 2015, , 439-453.		0
137	MicroRNA-124a is hyperexpressed in type 2 diabetic human pancreatic islets and negatively regulates insulin secretion. Acta Diabetologica, 2015, 52, 523-530.	2.5	127
138	The Î²-Cell in Human Type 2 Diabetes. , 2015, , 801-815.		0
139	Gluco-Incretins Regulate Beta-Cell Glucose Competence by Epigenetic Silencing of Fxyd3 Expression. PLoS ONE, 2014, 9, e103277.	2.5	12
140	A Combined â€œOmicsâ€•Approach Identifies N-Myc Interactor as a Novel Cytokine-induced Regulator of IRE1Î± Protein and c-Jun N-terminal Kinase in Pancreatic Beta Cells. Journal of Biological Chemistry, 2014, 289, 20677-20693.	3.4	34
141	BACH2, a Candidate Risk Gene for Type 1 Diabetes, Regulates Apoptosis in Pancreatic Î²-Cells via JNK1 Modulation and Crosstalk With the Candidate Gene PTPN2. Diabetes, 2014, 63, 2516-2527.	0.6	92
142	Amelioration of Cardiac Morphology and Function in Type 1 Diabetic Patients With Sustained Success of Pancreas Transplant Alone. Diabetes Care, 2014, 37, e171-e172.	8.6	8
143	Incretin-Modulated Beta Cell Energetics in Intact Islets of Langerhans. Molecular Endocrinology, 2014, 28, 860-871.	3.7	66
144	Dipeptidyl peptidase-4 (DPP-4): Localization and activity in human and rodent islets. Biochemical and Biophysical Research Communications, 2014, 453, 398-404.	2.1	25

#	Article	IF	Citations
145	Nova1 is a master regulator of alternative splicing in pancreatic beta cells. Nucleic Acids Research, 2014, 42, 11818-11830.	14.5	71
146	Encapsulated islets for diabetes therapy: History, current progress, and critical issues requiring solution. Advanced Drug Delivery Reviews, 2014, 67-68, 35-73.	13.7	263
147	Are we overestimating the loss of beta cells in type 2 diabetes?. Diabetologia, 2014, 57, 362-365.	6.3	115
148	St. Johnâ€™s wort extract and hyperforin protect rat and human pancreatic islets against cytokine toxicity. Acta Diabetologica, 2014, 51, 113-121.	2.5	23
149	Islet infiltration, cytokine expression and beta cell death in the NOD mouse, BB rat, Komeda rat, LEW.1AR1-iddm rat and humans with type 1 diabetes. Diabetologia, 2014, 57, 512-521.	6.3	76
150	IL-17A increases the expression of proinflammatory chemokines in human pancreatic islets. Diabetologia, 2014, 57, 502-511.	6.3	47
151	RNA Sequencing Identifies Dysregulation of the Human Pancreatic Islet Transcriptome by the Saturated Fatty Acid Palmitate. Diabetes, 2014, 63, 1978-1993.	0.6	226
152	Optical control of insulin release using a photoswitchable sulfonylurea. Nature Communications, 2014, 5, 5116.	12.8	106
153	ADCY5 Couples Glucose to Insulin Secretion in Human Islets. Diabetes, 2014, 63, 3009-3021.	0.6	124
154	Mitochondrial and ER-Targeted eCALWY Probes Reveal High Levels of Free Zn²⁺. ACS Chemical Biology, 2014, 9, 2111-2120.	3.4	102
155	Dipeptidyl peptidase 4 (DPP-4) is expressed in mouse and human islets and its activity is decreased in human islets from individuals with type 2 diabetes. Diabetologia, 2014, 57, 1876-1883.	6.3	69
156	Discovery of Molecular Pathways Mediating 1,25-Dihydroxyvitamin D3 Protection Against Cytokine-Induced Inflammation and Damage of Human and Male Mouse Islets of Langerhans. Endocrinology, 2014, 155, 736-747.	2.8	45
157	JunB protects Î²-cells from lipotoxicity via the XBP1â€“AKT pathway. Cell Death and Differentiation, 2014, 21, 1313-1324.	11.2	37
158	Prevention by metformin of alterations induced by chronic exposure to high glucose in human islet beta cells is associated with preserved ATP/ADP ratio. Diabetes Research and Clinical Practice, 2014, 104, 163-170.	2.8	45
159	Automated Assessment of Î²-Cell Area and Density per Islet and Patient Using TMEM27 and BACE2 Immunofluorescence Staining in Human Pancreatic Î²-Cells. PLoS ONE, 2014, 9, e98932.	2.5	11
160	The Î²-Cell in Human Type 2 Diabetes. , 2014, , 1-13.		0
161	Sirtuin 3 regulates mouse pancreatic beta cell function and is suppressed in pancreatic islets isolated from human type 2 diabetic patients. Diabetologia, 2013, 56, 1068-1077.	6.3	101
162	Adiponectin increases glucose-induced insulin secretion through the activation of lipid oxidation. Acta Diabetologica, 2013, 50, 851-857.	2.5	23

#	Article	IF	Citations
163	Physiology of incretins and loss of incretin effect in type 2 diabetes and obesity. Archives of Physiology and Biochemistry, 2013, 119, 170-178.	2.1	28
164	Direct effects of rosuvastatin on pancreatic human beta cells. Acta Diabetologica, 2013, 50, 983-985.	2.5	9
165	Metabolic and cardiovascular effects of beta cell replacement in type 1 diabetes. Internal and Emergency Medicine, 2013, 8, 55-56.	2.0	2
166	Exendin-4 protects pancreatic beta cells from palmitate-induced apoptosis by interfering with GPR40 and the MKK4/7 stress kinase signalling pathway. Diabetologia, 2013, 56, 2456-2466.	6.3	59
167	Reduction of Circulating Neutrophils Precedes and Accompanies Type 1 Diabetes. Diabetes, 2013, 62, 2072-2077.	0.6	177
168	The Pancreatic Î² Cells in Human Type 2 Diabetes. Advances in Experimental Medicine and Biology, 2013, 771, 288-309.	1.6	49
169	Microarray analysis of isolated human islet transcriptome in type 2 diabetes and the role of the ubiquitinâ€“proteasome system in pancreatic beta cell dysfunction. Molecular and Cellular Endocrinology, 2013, 367, 1-10.	3.2	76
170	Glucagon-Like Peptide-1 Protects Human Islets against Cytokine-Mediated Î²-Cell Dysfunction and Death: A Proteomic Study of the Pathways Involved. Journal of Proteome Research, 2013, 12, 4193-4206.	3.7	27
171	Î²â€Cell inflammation in human type 2 diabetes and the role of autophagy. Diabetes, Obesity and Metabolism, 2013, 15, 130-136.	4.4	52
172	Joint Effect of Insulin Signaling Genes on Insulin Secretion and Glucose Homeostasis. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1143-E1147.	3.6	14
173	GLIS3, a Susceptibility Gene for Type 1 and Type 2 Diabetes, Modulates Pancreatic Beta Cell Apoptosis via Regulation of a Splice Variant of the BH3-Only Protein Bim. PLoS Genetics, 2013, 9, e1003532.	3.5	151
174	tRNA Methyltransferase Homolog Gene TRMT10A Mutation in Young Onset Diabetes and Primary Microcephaly in Humans. PLoS Genetics, 2013, 9, e1003888.	3.5	103
175	Follow-up of secondary diabetic complications after pancreas transplantation. Current Opinion in Organ Transplantation, 2013, 18, 102-110.	1.6	47
176	Improved Protocol For Laser Microdissection Of Human Pancreatic Islets From Surgical Specimens. Journal of Visualized Experiments, 2013, , .	0.3	19
177	Lipotoxicity disrupts incretin-regulated human Î² cell connectivity. Journal of Clinical Investigation, 2013, 123, 4182-4194.	8.2	203
178	Ectopic expression of FSH receptor isoforms in neoplastic but not in endothelial cells from pancreatic neuroendocrine tumors. Journal of Endocrinological Investigation, 2013, 36, 174-9.	3.3	11
179	From genotype to human Î² cell phenotype and beyond. Islets, 2012, 4, 323-332.	1.8	11
180	Pancreatic Î²-cells activate a JunB/ATF3-dependent survival pathway during inflammation. Oncogene, 2012, 31, 1723-1732.	5.9	38

#	Article	IF	Citations
181	Age- and diet-dependent requirement of DJ-1 for glucose homeostasis in mice with implications for human type 2 diabetes. Journal of Molecular Cell Biology, 2012, 4, 221-230.	3.3	96
182	Long-Term (5 Years) Efficacy and Safety of Pancreas Transplantation Alone in Type 1 Diabetic Patients. Transplantation, 2012, 93, 842-846.	1.0	45
183	Laparoscopic Robot-Assisted Pancreas Transplantation. Transplantation, 2012, 93, 201-206.	1.0	73
184	Immune Protection for Transplanted Pancreatic Islets by Nano-Encapsulation Strategies. , 2012, , 248-269.		0
185	A local glucagon-like peptide 1 (GLP-1) system in human pancreatic islets. Diabetologia, 2012, 55, 3262-3272.	6.3	208
186	Central role and mechanisms of Î²â€cell dysfunction and death in friedreich ataxiaâ€“associated diabetes. Annals of Neurology, 2012, 72, 971-982.	5.3	84
187	USP18 is a key regulator of the interferon-driven gene network modulating pancreatic beta cell inflammation and apoptosis. Cell Death and Disease, 2012, 3, e419-e419.	6.3	63
188	Death Protein 5 and p53-Upregulated Modulator of Apoptosis Mediate the Endoplasmic Reticulum Stressâ€“Mitochondrial Dialog Triggering Lipotoxic Rodent and Human Î²-Cell Apoptosis. Diabetes, 2012, 61, 2763-2775.	0.6	118
189	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
190	C/EBP homologous protein contributes to cytokine-induced pro-inflammatory responses and apoptosis in Î²-cells. Cell Death and Differentiation, 2012, 19, 1836-1846.	11.2	114
191	The Human Pancreatic Islet Transcriptome: Expression of Candidate Genes for Type 1 Diabetes and the Impact of Pro-Inflammatory Cytokines. PLoS Genetics, 2012, 8, e1002552.	3.5	398
192	Nanomedicine for treatment of diabetes in an aging population: State-of-the-art and future developments. Maturitas, 2012, 73, 61-67.	2.4	17
193	Transplantation of the Pancreas. Current Diabetes Reports, 2012, 12, 568-579.	4.2	31
194	In vitro effects of mycophenolic acid on survival, function, and gene expression of pancreatic beta-cells. Acta Diabetologica, 2012, 49, 123-131.	2.5	7
195	Ultrastructural morphometric analysis of insulin secretory granules in human type 2 diabetes. Acta Diabetologica, 2012, 49, 247-252.	2.5	39
196	Nanomedicine for treatment of diabetes in an aging population: state-of-the-art and future developments. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, S69-S76.	3.3	20
197	DNA methylation profiling identifies epigenetic dysregulation in pancreatic islets from type 2 diabetic patients. EMBO Journal, 2012, 31, 1405-1426.	7.8	355
198	The Transcription Factor C/EBP delta Has Anti-Apoptotic and Anti-Inflammatory Roles in Pancreatic Beta Cells. PLoS ONE, 2012, 7, e31062.	2.5	53

#	Article	IF	Citations
199	Influence of mitochondrial membrane potential of spermatozoa on in vitro fertilisation outcome. Andrologia, 2012, 44, 136-141.	2.1	62
200	Palmitate Activates Autophagy in INS-1E Î²-Cells and in Isolated Rat and Human Pancreatic Islets. PLoS ONE, 2012, 7, e36188.	2.5	116
201	The emerging role of autophagy in the pathophysiology of diabetes mellitus. Autophagy, 2011, 7, 2-11.	9.1	252
202	Direct effects of rapid-acting insulin analogues on insulin signaling in human pancreatic islets in vitro. Diabetes and Metabolism, 2011, 37, 324-329.	2.9	5
203	INS VNTR class genotype and the function of isolated human islets. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, e9-e11.	2.6	3
204	Results of Pancreas Transplantation Alone with Special Attention to Native Kidney Function and Proteinuria in Type 1 Diabetes Patients. Review of Diabetic Studies, 2011, 8, 259-267.	1.3	32
205	Zinc Transporter 8 Autoantibodies Increase the Predictive Value of Islet Autoantibodies for Function Loss of Technically Successful Solitary Pancreas Transplant. Transplantation, 2011, 92, 674-677.	1.0	25
206	Segmental live donor pancreas transplantation: review and critique of rationale, outcomes, and current recommendations. Clinical Transplantation, 2011, 25, 4-12.	1.6	21
207	Per-arnt-sim (PAS) domain-containing protein kinase is downregulated in human islets in type 2 diabetes and regulates glucagon secretion. Diabetologia, 2011, 54, 819-827.	6.3	46
208	Class II Phosphoinositide 3-Kinase Regulates Exocytosis of Insulin Granules in Pancreatic Î² Cells. Journal of Biological Chemistry, 2011, 286, 4216-4225.	3.4	130
209	PTPN2, a Candidate Gene for Type 1 Diabetes, Modulates Pancreatic Î²-Cell Apoptosis via Regulation of the BH3-Only Protein Bim. Diabetes, 2011, 60, 3279-3288.	0.6	127
210	Pleiotropic Effects of GIP on Islet Function Involve Osteopontin. Diabetes, 2011, 60, 2424-2433.	0.6	83
211	The liver receptor homolog-1 (LRH-1) is expressed in human islets and protects Î²-cells against stress-induced apoptosis. Human Molecular Genetics, 2011, 20, 2823-2833.	2.9	37
212	Histopathology and ex vivo insulin secretion of pancreatic islets in gestational diabetes: A case report. Islets, 2011, 3, 231-233.	1.8	8
213	Neutralizing Interleukin-1Î² (IL-1Î²) Induces Î²-Cell Survival by Maintaining PDX1 Protein Nuclear Localization. Journal of Biological Chemistry, 2011, 286, 17144-17155.	3.4	27
214	Peripheral and Islet Interleukin-17 Pathway Activation Characterizes Human Autoimmune Diabetes and Promotes Cytokine-Mediated Î²-Cell Death. Diabetes, 2011, 60, 2112-2119.	0.6	178
215	Cytokines Tumor Necrosis Factor-Î± and Interferon-Î³ Induce Pancreatic Î²-Cell Apoptosis through STAT1-mediated Bim Protein Activation. Journal of Biological Chemistry, 2011, 286, 39632-39643.	3.4	96
216	ENPP1 Affects Insulin Action and Secretion: Evidences from In Vitro Studies. PLoS ONE, 2011, 6, e19462.	2.5	38

#	Article	IF	Citations
217	Altered Insulin Receptor Signalling and Î²-Cell Cycle Dynamics in Type 2 Diabetes Mellitus. PLoS ONE, 2011, 6, e28050.	2.5	76
218	Current Perspectives on Laparoscopic Robot-Assisted Pancreas and Pancreas-Kidney Transplantation. Review of Diabetic Studies, 2011, 8, 28-34.	1.3	26
219	Glucagon-like peptide-1 secretion in women with gestational diabetes mellitus during and after pregnancy. Journal of Endocrinological Investigation, 2011, 34, e287-90.	3.3	12
220	Surgical techniques for pancreas transplantation. Current Opinion in Organ Transplantation, 2010, 15, 102-111.	1.6	59
221	The Î²-Cell in Human Type 2 Diabetes. Advances in Experimental Medicine and Biology, 2010, 654, 501-514.	1.6	54
222	Palmitate induces a pro-inflammatory response in human pancreatic islets that mimics CCL2 expression by beta cells in type 2 diabetes. Diabetologia, 2010, 53, 1395-1405.	6.3	200
223	The direct effects of GLP-1 and GIP, alone or in combination, on human pancreatic islets. Regulatory Peptides, 2010, 165, 129-132.	1.9	27
224	Total Duodenectomy with Enteric Duct Drainage: A Rescue Operation for Duodenal Complications Occurring after Pancreas Transplantation. American Journal of Transplantation, 2010, 10, 692-697.	4.7	15
225	Islet inflammation and CXCL10 in recent-onset type 1 diabetes. Clinical and Experimental Immunology, 2010, 159, 338-343.	2.6	161
226	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
227	EuroDia: a beta-cell gene expression resource. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq024-baq024.	3.0	9
228	Enhanced Signaling Downstream of Ribonucleic Acid-Activated Protein Kinase-Like Endoplasmic Reticulum Kinase Potentiates Lipotoxic Endoplasmic Reticulum Stress in Human Islets. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1442-1449.	3.6	52
229	Genetic and Functional Assessment of the Role of the rs13431652-A and rs573225-A Alleles in the G6PC2 Promoter That Are Strongly Associated With Elevated Fasting Glucose Levels. Diabetes, 2010, 59, 2662-2671.	0.6	31
230	p53 Up-regulated Modulator of Apoptosis (PUMA) Activation Contributes to Pancreatic Î²-Cell Apoptosis Induced by Proinflammatory Cytokines and Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2010, 285, 19910-19920.	3.4	108
231	Exendin-4 Prevents c-Jun N-Terminal Protein Kinase Activation by Tumor Necrosis Factor-Î± (TNFÎ±) and Inhibits TNFÎ±-Induced Apoptosis in Insulin-Secreting Cells. Endocrinology, 2010, 151, 2019-2029.	2.8	56
232	Highlights from â€œItalian Standards of Care for Diabetes Mellitus 2009â€“2010â€: Nutrition, Metabolism and Cardiovascular Diseases, 2010, 21, 302-14.	2.6	30
233	A Common Polymorphism in the Monocyte Chemoattractant Protein-1 (MCP-1) Gene Regulatory Region Influences MCP-1 Expression and Function of Isolated Human Pancreatic Islets. Transplantation Proceedings, 2010, 42, 2247-2249.	0.6	10
234	Functional and Survival Analysis of Isolated Human Islets. Transplantation Proceedings, 2010, 42, 2250-2251.	0.6	6

#	Article	IF	Citations
235	Meta-analysis and functional effects of the SLC30A8 rs13266634 polymorphism on isolated human pancreatic islets. Molecular Genetics and Metabolism, 2010, 100, 77-82.	1.1	89
236	Surgical techniques of pancreas transplantation. , 2010, , 111-136.		2
237	Type 2 Diabetes Susceptibility Gene Expression in Normal or Diabetic Sorted Human Alpha and Beta Cells: Correlations with Age or BMI of Islet Donors. PLoS ONE, 2010, 5, e11053.	2.5	47
238	Glucagon-Like Peptide-1 Agonists Protect Pancreatic Î²-Cells From Lipotoxic Endoplasmic Reticulum Stress Through Upregulation of BiP and JunB. Diabetes, 2009, 58, 2851-2862.	0.6	202
239	TheTRIB3Q84R Polymorphism and Risk of Early-Onset Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 190-196.	3.6	58
240	The direct effects of tacrolimus and cyclosporin A on isolated human islets: A functional, survival and gene expression study. Islets, 2009, 1, 106-110.	1.8	33
241	A role for autophagy in Î²-cell life and death. Islets, 2009, 1, 157-159.	1.8	15
242	Perilipin Is Present in Islets of Langerhans and Protects against Lipotoxicity When Overexpressed in the Î²-Cell Line INS-1. Endocrinology, 2009, 150, 3049-3057.	2.8	28
243	Autophagy and the pancreatic beta-cell in human type 2 diabetes. Autophagy, 2009, 5, 1055-1056.	9.1	45
244	PTPN2, a Candidate Gene for Type 1 Diabetes, Modulates Interferon-Î³â€“Induced Pancreatic Î²-Cell Apoptosis. Diabetes, 2009, 58, 1283-1291.	0.6	152
245	Cx36 makes channels coupling human pancreatic Î²-cells, and correlates with insulin expression. Human Molecular Genetics, 2009, 18, 428-439.	2.9	105
246	Goals of Treatment for Type 2 Diabetes: Â-Cell preservation for glycemic control. Diabetes Care, 2009, 32, S178-S183.	8.6	53
247	Contribution of Contrast-Enhanced Ultrasonography to Nonoperative Management of Segmental Ischemia of the Head of a Pancreas Graft. American Journal of Transplantation, 2009, 9, 413-418.	4.7	22
248	Common variant in MTNR1B associated with increased risk of type 2 diabetes and impaired early insulin secretion. Nature Genetics, 2009, 41, 82-88.	21.4	642
249	Towards better understanding of the contributions of overwork and glucotoxicity to the Î²â€cell inadequacy of type 2 diabetes. Diabetes, Obesity and Metabolism, 2009, 11, 82-90.	4.4	92
250	NO-glibenclamide derivatives: Prototypes of a new class of nitric oxide-releasing anti-diabetic drugs. Bioorganic and Medicinal Chemistry, 2009, 17, 5426-5432.	3.0	28
251	Apoptotic, Regenerative, And Immune-Related Signaling in Human Islets from Type 2 Diabetes Individuals. Journal of Proteome Research, 2009, 8, 5650-5656.	3.7	32
252	Glucose transporter 2 gene polymorphisms and beta-cell function in isolated human pancreatic islets. Diabetes and Metabolism, 2009, 35, 155-156.	2.9	3

#	Article	IF	Citations
253	Effects of exposure of human islet beta-cells to normal and high glucose levels with or without gliclazide or glibenclamide. Diabetes and Metabolism, 2009, 35, 293-298.	2.9	18
254	Autophagy in human type 2 diabetes pancreatic beta cells. Diabetologia, 2009, 52, 1083-1086.	6.3	311
255	Epigenetic regulation of PPARGC1A in human type 2 diabetic islets and effect on insulin secretion. Diabetologia, 2008, 51, 615-622.	6.3	421
256	Hedgehog Signaling during Expansion of Human Pancreatic Isletâ€Derived Precursors. Annals of the New York Academy of Sciences, 2008, 1150, 43-45.	3.8	2
257	Effects of exendinâ€4 on islets from type 2 diabetes patients. Diabetes, Obesity and Metabolism, 2008, 10, 515-519.	4.4	44
258	An overview of pancreatic beta-cell defects in human type 2 diabetes: Implications for treatment. Regulatory Peptides, 2008, 146, 4-11.	1.9	99
259	Protective effects of St. John's wort extract and its component hyperforin against cytokine-induced cytotoxicity in a pancreatic Î²-cell line. International Journal of Biochemistry and Cell Biology, 2008, 40, 1509-1521.	2.8	43
260	Le incretine nella terapia del diabete di tipo 2. L Endocrinologo, 2008, 9, 174-182.	0.0	0
261	Selective Actions of Mitochondrial Fission/Fusion Genes on Metabolism-Secretion Coupling in Insulin-releasing Cells. Journal of Biological Chemistry, 2008, 283, 33347-33356.	3.4	111
262	Initiation and execution of lipotoxic ER stress in pancreatic Î²-cells. Journal of Cell Science, 2008, 121, 2308-2318.	2.0	512
263	Beneficial Effect of the Nonpeptidyl Low Molecular Weight Radical Scavenger IAC on Cultured Human Islet Function. Cell Transplantation, 2008, 17, 1271-1276.	2.5	13
264	Coxsackie B4 virus infection of Î² cells and natural killer cell insulitis in recent-onset type 1 diabetic patients. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5115-5120.	7.1	521
265	The diabetes-linked transcription factor Pax4 is expressed in human pancreatic islets and is activated by mitogens and GLP-1. Human Molecular Genetics, 2007, 17, 478-489.	2.9	51
266	Reduction of Oxidative Stress by a New Low-Molecular-Weight Antioxidant Improves Metabolic Alterations in a Nonobese Mouse Diabetes Model. Pancreas, 2007, 35, e10-e17.	1.1	18
267	Insulin secretion defects ofÂhuman type 2Âdiabetic islets are corrected inÂvitro byÂaÂnew reactive oxygen species scavenger. Diabetes and Metabolism, 2007, 33, 340-345.	2.9	49
268	When and how to restore Î²-cell function?. International Congress Series, 2007, 1303, 138-145.	0.2	2
269	Effects of C-peptide on isolated human pancreatic islet cells. Diabetes/Metabolism Research and Reviews, 2007, 23, 215-219.	4.0	19
270	Gliclazide protects human islet beta-cells from apoptosis induced by intermittent high glucose. Diabetes/Metabolism Research and Reviews, 2007, 23, 234-238.	4.0	103

#	Article	IF	Citations
271	ÃŸâ€cell function and antiâ€diabetic pharmacotherapy. Diabetes/Metabolism Research and Reviews, 2007, 23, 518-527.	4.0	68
272	Generation and expansion of multipotent mesenchymal progenitor cells from cultured human pancreatic islets. Cell Death and Differentiation, 2007, 14, 1860-1871.	11.2	89
273	Results of an International, Randomized Trial Comparing Glucose Metabolism Disorders and Outcome with Cyclosporine Versus Tacrolimus. American Journal of Transplantation, 2007, 7, 1506-1514.	4.7	530
274	The endoplasmic reticulum in pancreatic beta cells of type 2 diabetes patients. Diabetologia, 2007, 50, 2486-2494.	6.3	361
275	Mechanisms by which common variants in the TCF7L2 gene increase risk of type 2 diabetes. Journal of Clinical Investigation, 2007, 117, 2155-2163.	8.2	683
276	Multilayer Nanoencapsulation. New Approach for Immune Protection of Human Pancreatic Islets. Nano Letters, 2006, 6, 1933-1939.	9.1	174
277	The functionality of mitochondria differentiates human spermatozoa with high and low fertilizing capability. Fertility and Sterility, 2006, 86, 1526-1530.	1.0	161
278	Transcription factors of beta-cell differentiation and maturation in isolated human islets: Effects of high glucose, high free fatty acids and type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, e7-e8.	2.6	9
279	The pancreatic beta-cell in human Type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, S3-S6.	2.6	51
280	Disappearance of Nephrotic Syndrome in Type 1 Diabetic Patients Following Pancreas Transplant Alone. Transplantation, 2006, 81, 1067-1068.	1.0	21
281	Pancreas transplant alone has beneficial effects on retinopathy in type 1 diabetic patients. Diabetologia, 2006, 49, 2977-2982.	6.3	109
282	The direct effects of the angiotensin-converting enzyme inhibitors, zofenoprilat and enalaprilat, on isolated human pancreatic islets. European Journal of Endocrinology, 2006, 154, 355-361.	3.7	80
283	The E23K Variant of KCNJ11 Encoding the Pancreatic Î²-Cell Adenosine 5â€²-Triphosphate-Sensitive Potassium Channel Subunit Kir6.2 Is Associated with an Increased Risk of Secondary Failure to Sulfonylurea in Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2334-2339.	3.6	156
284	Surgical techniques for pancreas transplantation. Current Opinion in Organ Transplantation, 2005, 10, 155-168.	1.6	9
285	A Technique for Retroperitoneal Pancreas Transplantation with Portal-Enteric Drainage. Transplantation, 2005, 79, 1137-1142.	1.0	81
286	New-onset diabetes after kidney transplantation. Diabetic Medicine, 2005, 22, 1125-1126.	2.3	5
287	Guidelines for the treatment and management of newâ€onset diabetes after transplantation¹. Clinical Transplantation, 2005, 19, 291-298.	1.6	228
288	Effects of pancreas-kidney transplantation on diabetic retinopathy. Transplant International, 2005, 18, 619-622.	1.6	90

#	Article	IF	Citations
289	Effects of prolonged in vitro exposure to sulphonylureas on the function and survival of human islets. Journal of Diabetes and Its Complications, 2005, 19, 60-64.	2.3	71
290	New-onset diabetes after liver transplantation: From pathogenesis to management. Liver Transplantation, 2005, 11, 612-620.	2.4	115
291	Functional and morphological alterations of mitochondria in pancreatic beta cells from type 2 diabetic patients. Diabetologia, 2005, 48, 282-289.	6.3	322
292	Is There a Role for Locally Produced Interleukin-1 in the Deleterious Effects of High Glucose or the Type 2 Diabetes Milieu to Human Pancreatic Islets?. Diabetes, 2005, 54, 3238-3244.	0.6	118
293	Is tacrolimus associated with fewer surgical complications than ciclosporin after kidneyâ€“pancreas transplantation?. Nature Clinical Practice Nephrology, 2005, 1, 76-77.	2.0	2
294	Efficacy and safety of basiliximab in kidney transplantation. Expert Opinion on Drug Safety, 2005, 4, 473-490.	2.4	5
295	Hepatitis C Virus Infection and Human Pancreatic Â-Cell Dysfunction. Diabetes Care, 2005, 28, 940-941.	8.6	113
296	The Beneficial Effects of Pancreas Transplant Alone on Diabetic Nephropathy. Diabetes Care, 2005, 28, 1366-1370.	8.6	88
297	Suppressor of cytokine signaling gene expression in human pancreatic islets: modulation by cytokines. European Journal of Endocrinology, 2005, 152, 485-489.	3.7	31
298	Functional and Molecular Defects of Pancreatic Islets in Human Type 2 Diabetes. Diabetes, 2005, 54, 727-735.	0.6	421
299	Ninety-Five Percent Insulin Independence Rate 3 Years After Pancreas Transplantation Alone With Portal-Enteric Drainage. Transplantation Proceedings, 2005, 37, 1274-1277.	0.6	11
300	Successful Solitary Pancreas Transplantation With Portal-Enteric Drainage Following Unsuccessful Islet Cell Transplantation. Transplantation Proceedings, 2005, 37, 1278-1279.	0.6	1
301	Outcome of 118 Pancreas Transplants With Retroperitoneal Portal-Enteric Drainage. Transplantation Proceedings, 2005, 37, 2648-2650.	0.6	24
302	Surveillance and Rescue of Pancreas Grafts. Transplantation Proceedings, 2005, 37, 2644-2647.	0.6	19
303	Neoral Versus Prograf in Simultaneous Pancreas-Kidney Transplantation With Portal Venous Drainage: Three-Year Results of a Single-Center, Open-Label, Prospective, Randomized Pilot Study. Transplantation Proceedings, 2005, 37, 2641-2643.	0.6	8
304	Activation of the Hexosamine Pathway Leads to Phosphorylation of Insulin Receptor Substrate-1 on Ser307 and Ser612 and Impairs the Phosphatidylinositol 3-Kinase/Akt/Mammalian Target of Rapamycin Insulin Biosynthetic Pathway in RIN Pancreatic Î²-Cells. Endocrinology, 2004, 145, 2845-2857.	2.8	64
305	Targeting Insulin Resistance and Î²-Cell Dysfunction: The Role of Thiazolidinediones. Diabetes Technology and Therapeutics, 2004, 6, 719-731.	4.4	15
306	Pancreatic Islets from Type 2 Diabetic Patients Have Functional Defects and Increased Apoptosis That Are Ameliorated by Metformin. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5535-5541.	3.6	304

#	Article	IF	Citations
307	Increased O â€glycosylation of insulin signaling proteins results in their impaired activation and enhanced susceptibility to apoptosis in pancreatic Î²â€cells. FASEB Journal, 2004, 18, 959-961.	0.5	77
308	Myalgia: an uncommon or underestimated side effect of mycophenolate mophetil after transplantation?. Nephrology Dialysis Transplantation, 2004, 19, 1940-1942.	0.7	5
309	The role of peripheral benzodiazepine receptors on the function and survival of isolated human pancreatic islets. European Journal of Endocrinology, 2004, 151, 207-214.	3.7	24
310	A simplified technique for the en bloc procurement of abdominal organs that is suitable for pancreas and small-bowel transplantation. Surgery, 2004, 135, 629-641.	1.9	58
311	Improved insulin secretory function and reduced chemotactic properties after tissue culture of islets from type 1 diabetic patients. Diabetes/Metabolism Research and Reviews, 2004, 20, 246-251.	4.0	21
312	A Benefit-Risk Assessment of Basiliximab in Renal Transplantation. Drug Safety, 2004, 27, 91-106.	3.2	20
313	Beta- and Alpha-Cell Dysfunction in Type 2 Diabetes. Hormone and Metabolic Research, 2004, 36, 775-781.	1.5	97
314	New-onset diabetes after transplantation. Journal of Heart and Lung Transplantation, 2004, 23, S194-S201.	0.6	101
315	Pancreas transplantation from marginal donors. Transplantation Proceedings, 2004, 36, 566-568.	0.6	36
316	Pancreas transplant alone. Transplantation Proceedings, 2004, 36, 569-570.	0.6	8
317	Retroperitoneal pancreas transplantation with portal-enteric drainage. Transplantation Proceedings, 2004, 36, 571-574.	0.6	24
318	Cardiac evaluation for simultaneous pancreas-kidney transplantation and incidence of cardiac perioperative complications: preliminary study. Transplantation Proceedings, 2004, 36, 582-585.	0.6	8
319	Complete reversal of the nephrotic syndrome after preemptive pancreas-kidney transplantation: a case report. Transplantation Proceedings, 2004, 36, 589-590.	0.6	1
320	Solitary pancreas transplantation: preliminary findings about early reduction of proteinuria in incipient or evident diabetic type I nephropathy. Transplantation Proceedings, 2004, 36, 591-596.	0.6	4
321	Kidney and pancreas transplants in Jehovah's witnesses: ethical and practical implications. Transplantation Proceedings, 2004, 36, 601-602.	0.6	17
322	An alternative and simple method to consistently prepare viable isolated human islets for clinical transplantation. Transplantation Proceedings, 2004, 36, 605-606.	0.6	5
323	To give or to receive? opinions of teenagers on kidney donation. Transplantation Proceedings, 2004, 36, 448-449.	0.6	6
324	Echocardiographic evaluation in type 1 diabetic patients on waiting list for isolated pancreas or kidney-pancreas transplantation. Transplantation Proceedings, 2004, 36, 457-459.	0.6	2

#	Article	IF	Citations
325	Simultaneous cadaver pancreasâ€“living donor kidney transplantation. Transplantation Proceedings, 2004, 36, 577-579.	0.6	14
326	Pancreas preservation with university of wisconsin and celsior solutions. Transplantation Proceedings, 2004, 36, 563-565.	0.6	8
327	Portal entericâ€“drained solitary pancreas transplantation without surveillance biopsy: is it safe?. Transplantation Proceedings, 2004, 36, 1090-1092.	0.6	5
328	Simultaneous pancreas-kidney transplantation is improved by living kidney donation program. Transplantation Proceedings, 2004, 36, 1061-1063.	0.6	2
329	Single-Center, open, prospective, randomized pilot study comparing cyclosporine versus tacrolimus in simultaneous Pancreas-Kidney transplantation. Transplantation Proceedings, 2004, 36, 1064-1066.	0.6	6
330	Alteration of Î²-cell constitutive NO synthase activity is involved in the abnormal insulin response to arginine in a new rat model of type 2 diabetes. Molecular and Cellular Endocrinology, 2004, 219, 77-82.	3.2	18
331	Pathological changes in human insulitis. Current Opinion in Endocrinology, Diabetes and Obesity, 2004, 11, 82-84.	0.6	0
332	PANCREAS PRESERVATION WITH UNIVERSITY OF WISCONSIN AND CELSIOR SOLUTIONS: A SINGLE-CENTER, PROSPECTIVE, RANDOMIZED PILOT STUDY. Transplantation, 2004, 77, 1186-1190.	1.0	72
333	The Grafted Kidney Takes Over: Disappearance of the Nephrotic Syndrome After Preemptive Pancreas-Kidney and Kidney Transplantation in Diabetic Nephropathy. Transplantation, 2004, 78, 627-630.	1.0	6
334	Rosiglitazone prevents the impairment of human islet function induced by fatty acids: evidence for a role of PPARÎ³₂ in the modulation of insulin secretion. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E560-E567.	3.5	134
335	Type 2 diabetes: simple, dual or multiple pathogenetic defects?. International Congress Series, 2003, 1253, 95-103.	0.2	0
336	A Common Polymorphism in the Promoter of UCP2 Contributes to the Variation in Insulin Secretion in Glucose-Tolerant Subjects. Diabetes, 2003, 52, 1280-1283.	0.6	125
337	NEW-ONSET DIABETES AFTER TRANSPLANTATION: 2003 INTERNATIONAL CONSENSUS GUIDELINES1. Transplantation, 2003, 75, SS3-SS24.	1.0	547
338	Solitary pancreas transplantation in wolfram syndrome1.. Transplantation, 2003, 76, 1535.	1.0	3
339	Pancreas transplant alone determines early improvement of cardiovascular risk factors and cardiac function in type 1 diabetic patients1. Transplantation, 2003, 76, 974-976.	1.0	40
340	Prolonged Exposure to Free Fatty Acids Has Cytostatic and Pro-Apoptotic Effects on Human Pancreatic Islets. Diabetes, 2002, 51, 1437-1442.	0.6	547
341	Prolonged In Vitro Exposure to Autoantibodies Against CD38 Impairs the Function and Survival of Human Pancreatic Islets. Diabetes, 2002, 51, S474-S477.	0.6	23
342	Early Improvement of Unstable Diabetic Retinopathy After Solitary Pancreas Transplantation. Diabetes Care, 2002, 25, 2358-2359.	8.6	28

#	Article	IF	Citations
343	Insulin Secretory Function Is Impaired in Isolated Human Islets Carrying the Gly972->Arg IRS-1 Polymorphism. Diabetes, 2002, 51, 1419-1424.	0.6	103
344	Lipotoxicity in Human Pancreatic Islets and the Protective Effect of Metformin. Diabetes, 2002, 51, S134-S137.	0.6	155
345	Phasic Insulin Release and Metabolic Regulation in Type 2 Diabetes. Diabetes, 2002, 51, S109-S116.	0.6	183
346	Encapsulation of pancreatic islets for transplantation in diabetes: the untouchable islets. Trends in Molecular Medicine, 2002, 8, 363-366.	6.7	127
347	Upregulation of mitochondrial peripheral benzodiazepine receptor expression by cytokine-induced damage of human pancreatic islets. Journal of Cellular Biochemistry, 2002, 84, 636-644.	2.6	29
348	Use of new ADA and WHO criteria for the diagnosis of impaired fasting glycemia and diabetes in kidney graft recipients. Acta Diabetologica, 2002, 39, 129-130.	2.5	1
349	Pancreas Procurement from Cadaveric Donors of Multiple Grafts. , 2002, , 359-383.		0
350	Upregulation of mitochondrial peripheral benzodiazepine receptor expression by cytokine-induced damage of human pancreatic islets. Journal of Cellular Biochemistry, 2002, 84, 636-44.	2.6	8
351	High Glucose Causes Apoptosis in Cultured Human Pancreatic Islets of Langerhans. Diabetes, 2001, 50, 1290-1301.	0.6	296
352	Strategies for risk reduction and management of posttransplant diabetes mellitus. Transplantation Proceedings, 2001, 33, S27-S31.	0.6	16
353	Use of basiliximab in conjunction with either Neora/MMF/steroids or Prograf/MMF/steroids in simultaneous pancreas-kidney transplantation. Transplantation Proceedings, 2001, 33, 3201-3202.	0.6	6
354	Continuous subcutaneous insulin infusion in a patient with partial endocrine pancreatic graft function. Transplantation Proceedings, 2001, 33, 3500-3501.	0.6	0
355	Cardiovascular risk factors in recipients of successful kidney-pancreas transplantation. Transplantation Proceedings, 2001, 33, 3681.	0.6	0
356	Glucose intolerance and diabetes in recipients of kidney graft: comparison of old and new ADA and WHO criteria. Transplantation Proceedings, 2001, 33, 3664.	0.6	0
357	NGF-withdrawal induces apoptosis in pancreatic beta cells in vitro. Diabetologia, 2001, 44, 1281-1295.	6.3	64
358	Anti-CD38 autoimmunity in patients with chronic autoimmune thyroiditis or Graves' disease. Clinical and Experimental Immunology, 2001, 126, 426-431.	2.6	47
359	Entrapment of dispersed pancreatic islet cells in CultiSpherâ€S macroporous gelatin microcarriers: Preparation, in vitro characterization, and microencapsulation. Biotechnology and Bioengineering, 2001, 75, 741-744.	3.3	46
360	The common Arg 972 polymorphism in insulin receptor substrateâ€1 causes apoptosis of human pancreatic islets. FASEB Journal, 2001, 15, 22-24.	0.5	88

#	Article	IF	Citations
361	BOVINE ISLETS ARE LESS SUSCEPTIBLE THAN HUMAN ISLETS TO DAMAGE BY HUMAN CYTOKINES1. Transplantation, 2001, 71, 21-26.	1.0	25
362	Human Anti-CD38 Autoantibodies Raise Intracellular Calcium and Stimulate Insulin Release in Human Pancreatic Islets. Diabetes, 2001, 50, 985-991.	0.6	59
363	Th2 Cytokines Have a Partial, Direct Protective Effect on the Function and Survival of Isolated Human Islets Exposed to Combined Proinflammatory and Th1 Cytokines. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4974-4978.	3.6	49
364	Th2 Cytokines Have a Partial, Direct Protective Effect on the Function and Survival of Isolated Human Islets Exposed to Combined Proinflammatory and Th1 Cytokines. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4974-4978.	3.6	22
365	INFLUENCE OF DONOR AGE ON BOVINE PANCREATIC ISLET ISOLATION1. Transplantation, 2000, 70, 1032-1037.	1.0	12
366	Effects of prolonged exposure to pancreatic glucagon on the function, antigenicity and survival of isolated human islets. Diabetes/Metabolism Research and Reviews, 2000, 16, 281-286.	4.0	7
367	Insulin release from isolated, human islets after acute or prolonged exposure to glimepiride. Acta Diabetologica, 2000, 37, 139-141.	2.5	9
368	Glucoseâ€•and arginineâ€‹induced insulin secretion by human pancreatic Î²â€cells: the role of HERG K + channels in firing and release. FASEB Journal, 2000, 14, 2601-2610.	0.5	126
369	Function of pancreatic islets isolated from a type 1 diabetic patient. Diabetes Care, 2000, 23, 701-703.	8.6	43
370	LYMPHOKINE RELEASE FROM HUMAN LYMPHOMONONUCLEAR CELLS AFTER CO-CULTURE WITH ISOLATED PANCREATIC ISLETS: EFFECTS OF ISLET SPECIES, LONG-TERM CULTURE, AND MONOCYTE-MACROPHAGE CELL REMOVAL. Cytokine, 2000, 12, 503-505.	3.2	6
371	Activin A stimulates insulin secretion in cultured human pancreatic islets. Journal of Endocrinological Investigation, 2000, 23, 231-234.	3.3	77
372	The metabolic effects of cyclosporin and tacrolimus. Journal of Endocrinological Investigation, 2000, 23, 482-490.	3.3	78
373	Chemotactic Activity of Culture Supernatants of Free and Encapsulated Pancreatic Rat Islets Towards Peritoneal Macrophages. Hormone and Metabolic Research, 1999, 31, 448-454.	1.5	7
374	Autoantibodies to CD38 (ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase) in Caucasian patients with diabetes: effects on insulin release from human islets. Diabetes, 1999, 48, 2309-2315.	0.6	70
375	A comparison of preconstituted, fixed combinations of low-dose glyburide plus metformin versus high-dose glyburide alone in the treatment of type 2 diabetic patients. Acta Diabetologica, 1999, 36, 61-65.	2.5	32
376	The biguanide compound metformin prevents desensitization of human pancreatic islets induced by high glucose. European Journal of Pharmacology, 1999, 364, 205-209.	3.5	58
377	Effects of Acute or Prolonged Exposure to Human Leptin on Isolated Human Islet Function. Biochemical and Biophysical Research Communications, 1999, 256, 637-641.	2.1	33
378	Characterization of sulfonylurea receptors in isolated human pancreatic islets. , 1998, 71, 182-188.		9

#	Article	IF	Citations
379	Transplantation of purified bovine islets into the thymus of non-immunosuppressed pigs. Acta Diabetologica, 1998, 35, 165-166.	2.5	1
380	Preparation and Long-Term Culture of Isolated Human Pancreatic Islets. Transplantation Proceedings, 1998, 30, 384-385.	0.6	4
381	Pancreatic Glucagon Damages Isolated Human Islet Function. Transplantation Proceedings, 1998, 30, 397.	0.6	2
382	Effects of Monensin on Insulin Release From Isolated Human Islets. Transplantation Proceedings, 1998, 30, 611.	0.6	0
383	Similar Insulinotropic Effects of Alpha- and Beta-d-Glucose Anomers on Isolated Large Mammal and Human Islets. Transplantation Proceedings, 1998, 30, 612.	0.6	0
384	Risk factors for cardiovascular disease in patients with functioning kidney grafts. Transplantation Proceedings, 1998, 30, 2047.	0.6	5
385	Evaluation of lipoprotein A in renal transplant recipients. Transplantation Proceedings, 1998, 30, 2048.	0.6	2
386	Xenotransplantation of bovine islets into the thymus of totally pancreatectomized pigs. Transplantation Proceedings, 1998, 30, 2478-2480.	0.6	0
387	Corticotropin-releasing hormone facilitates early survival of discordant (bovine-to-rat) islet xenografts. Transplantation Proceedings, 1998, 30, 2481-2483.	0.6	0
388	PK11195, a Ligand of the Mitochondrial Benzodiazepine Receptor, Facilitates the Induction of Apoptosis and Reverses Bcl-2-Mediated Cytoprotection. Experimental Cell Research, 1998, 241, 426-434.	2.6	249
389	Evaluation of in vitro Function of Isolated Human Pancreatic Islets during Long-Term (4 Weeks) Culture. , 1998, 14, 145-148.		0
390	Transplantation of bovine pancreatic islets into the thymus of nonimmunosuppressed pigs. Transplantation Proceedings, 1997, 29, 903-904.	0.6	3
391	Maintenance of in vitro and in vivo viability of bovine islets during prolonged (3 months) culture. Transplantation Proceedings, 1997, 29, 1988-1989.	0.6	1
392	Bovine-to-Porcine intrathymic islet xenotransplantation. Transplantation Proceedings, 1997, 29, 2061.	0.6	2
393	T-helper 1 and 2 activation with fresh or cultured allo- or xenoislets. Transplantation Proceedings, 1997, 29, 2257-2258.	0.6	2
394	Effects of glibenclamide and metformin (alone or in combination) on insulin release from isolated human pancreatic islets. Acta Diabetologica, 1997, 34, 46-48.	2.5	18
395	Peripheral benzodiazepine receptors in isolated human pancreatic islets. , 1997, 64, 273-277.		11
396	Characterization of peripheral benzodiazepine receptors in purified large mammal pancreatic islets. Biochemical Pharmacology, 1996, 51, 1437-1442.	4.4	17

#	Article	IF	Citations
397	Metformin Potentiates Glucose-Stimulated Insulin Secretion. Diabetes Care, 1996, 19, 781-782.	8.6	11
398	Lymphokine release during co-culture of human lympho-mononuclear cells and fresh or cultured human, porcine and bovine pancreatic islets. Acta Diabetologica, 1996, 33, 122-125.	2.5	3
399	Long-term survival and function of isolated bovine pancreatic islets maintained in different culture media. Acta Diabetologica, 1996, 33, 166-168.	2.5	9
400	Bcl-2 inhibits the mitochondrial release of an apoptogenic protease.. Journal of Experimental Medicine, 1996, 184, 1331-1341.	8.5	1,109
401	PROLONGED SURVIVAL OF DISCORDANT PORCINE ISLET XENOGRAFTS1. Transplantation, 1996, 61, 1100-1102.	1.0	31
402	Lymphokine release during co-culture of human lympho-mononuclear cells and fresh or cultured human, porcine and bovine pancreatic islets. Acta Diabetologica, 1996, 33, 122-125.	2.5	0
403	Long-term survival and function of isolated bovine pancreatic islets maintained in different culture media. Acta Diabetologica, 1996, 33, 166-168.	2.5	1
404	Long-term survival of pig-to-mouse Islet xenografts. Xenotransplantation, 1995, 2, 154-156.	2.8	0
405	Deterioration of renal function in a nephropathic diabetic patient during omeprazole plus amoxicillin therapy forHelicobacter pylori-associated duodenal ulcer. Acta Diabetologica, 1995, 32, 209-210.	2.5	0
406	Insulin inhibits its own secretion from isolated, perifused human pancreatic islets. Acta Diabetologica, 1995, 32, 75-77.	2.5	17
407	Massive Isolation, Morphological and Functional Characterization, and Xenotransplantation of Bovine Pancreatic Islets. Diabetes, 1995, 44, 375-381.	0.6	53
408	Massive isolation, morphological and functional characterization, and xenotransplantation of bovine pancreatic islets. Diabetes, 1995, 44, 375-381.	0.6	16
409	Cryopreservation of purified bovine islets of Langerhans. Transplantation, 1995, 60, 1044-6.	1.0	2
410	Soluble interleukin-2 receptor release during culture of human lymphocytes with human, porcine, or bovine islets and the effect of culture and cryopreservation. Transplantation Proceedings, 1995, 27, 3354.	0.6	1
411	Preparation and long-term storage by culture or cryopreservation of purified bovine pancreatic islets. Transplantation Proceedings, 1995, 27, 3355.	0.6	3
412	Pulsatile Insulin Secretion from Isolated Human Pancreatic Islets. Diabetes, 1994, 43, 827-830.	0.6	54
413	Effect of cyclosporin treatment on metabolic and hormonal responses to mixed meal plus oral glucose in dogs with intrasplenic pancreatic islet autograft. Research in Experimental Medicine, 1994, 194, 45-52.	0.7	4
414	Preparation and characterization of permselective, biocompatible membranes for the macroencapsulation of pancreatic islets. Journal of Materials Science: Materials in Medicine, 1994, 5, 887-890.	3.6	5

#	Article	IF	Citations
415	CRYOGENIC STORAGE OF ISOLATED, PURIFIED PORCINE PANCREATIC ISLETS. Transplantation, 1994, 57, 340-346.	1.0	32
416	COLLAGENASE DISTENSION, TWO-STEP SEQUENTIAL FILTRATION, AND HISTOPAQUE GRADIENT PURIFICATION FOR CONSISTENT ISOLATION OF PURE PANCREATIC ISLETS FROM THE MARKET-AGE (6-MONTH-OLD) PIG. Transplantation, 1994, 57, 1532-1534.	1.0	13
417	Pulsatile insulin secretion from isolated human pancreatic islets. Diabetes, 1994, 43, 827-830.	0.6	7
418	Anti-CD4 antibody treatment in xenografts of differently immunomodulated porcine islets. Transplantation Proceedings, 1994, 26, 1132.	0.6	3
419	Effect of different temporary immunosuppressive therapies and low-temperature culture on pancreatic islet xenograft survival (pig-to-mouse). Transplantation Proceedings, 1994, 26, 760-1.	0.6	2
420	In vitro morpho-functional analysis of pancreatic islets isolated from the domestic chicken. Tissue and Cell, 1993, 25, 817-824.	2.2	9
421	Natural Interferon-Î² Treatment and Steroid Hormone Receptors in Primary Endometrial Cancer. Gynecologic Oncology, 1993, 50, 185-190.	1.4	6
422	Assessment of long-term (1 year) graft survival and metabolic and hormonal changes after intrasplenic canine pancreatic microfragment transplantation. DiabÃ¨te & MÃ©tabolisme, 1993, 19, 17-24.	0.3	2
423	The Effect of Transplantation Site and Islet Mass on Long-Term Survival and Metabolic and Hormonal Function of Canine Purified Islet Autografts. Cell Transplantation, 1992, 1, 245-254.	2.5	33
424	PREVENTION OF CONTAMINATION OF ISOLATED PORCINE ISLETS OF LANGERHANS. Transplantation, 1992, 53, 1364-1365.	1.0	8
425	Polyurethane-polydimethylsiloxane (PU-PDMS) tubular membranes for pancreatic islet transplantation. Permselectivity and diffusion studies. Journal of Materials Science: Materials in Medicine, 1992, 3, 371-376.	3.6	15
426	Glucose metabolism, insulin sensitivity, and glucagon secretion in dogs with intraportal or intrasplenic islet autografts. Transplantation Proceedings, 1992, 24, 2828-9.	0.6	5
427	Effects of cyclosporine on insulin secretion and insulin sensitivity in dogs with intrasplenic islet autotransplants. Surgery, 1992, 111, 430-7.	1.9	3
428	In vitro function and xenotransplantation of long-term (3 weeks) cultured porcine islets of Langerhans. Transplantation Proceedings, 1992, 24, 637.	0.6	7
429	Successful cryopreservation of porcine pancreatic islets. Transplantation Proceedings, 1992, 24, 1005-6.	0.6	2
430	Pharmacokinetic Optimisation of Oral Hypoglycaemic Therapy. Clinical Pharmacokinetics, 1991, 21, 308-317.	3.5	33
431	RESULTS OF OUR FIRST NINE INTRAPORTAL ISLET ALLOGRAFTS IN TYPE 1, INSULIN-DEPENDENT DIABETIC PATIENTS. Transplantation, 1991, 51, 76-85.	1.0	185
432	AUTOMATED LARGE-SCALE ISOLATION, IN VITRO FUNCTION AND XENOTRANSPLANTATION OF PORCINE ISLETS OF LANGERHANS. Transplantation, 1991, 52, 209-213.	1.0	62

#	Article	IF	Citations
433	Low dose metformin in the treatment of type II non-insulin-dependent diabetes: Clinical and metabolic evaluations. Acta Diabetologica Latina, 1990, 27, 139-155.	0.2	30
434	Safety of Ibopamine in Type II Diabetic Patients with Mild Chronic Heart Failure. Cardiology, 1990, 77, 57-62.	1.4	1
435	Insulin Independence After Islet Transplantation Into Type I Diabetic Patient. Diabetes, 1990, 39, 515-518.	0.6	357
436	Improvement With Metformin in Insulin Internalizaron and Processing in Monocytes From NIDDM Patients. Diabetes, 1990, 39, 844-849.	0.6	34
437	Insulin independence after islet transplantation into type I diabetic patient. Diabetes, 1990, 39, 515-518.	0.6	113
438	Improvement with metformin in insulin internalization and processing in monocytes from NIDDM patients. Diabetes, 1990, 39, 844-849.	0.6	16
439	The direct effects of metformin on platelet function in vitro. European Journal of Clinical Pharmacology, 1989, 37, 211-213.	1.9	13
440	Decreased salivary glucose secretory rate: usefulness for detection of diabetic patients with autonomic neuropathy. Diabetes Research and Clinical Practice, 1989, 7, 181-186.	2.8	22
441	Pharmacokinetic-Pharmacodynamic Relationships of Oral Hypoglycaemic Agents. Clinical Pharmacokinetics, 1989, 16, 100-128.	3.5	74
442	Effect of plasma metformin concentrations on serum lipid levels in type II diabetic patients. Acta Diabetologica Latina, 1988, 25, 55-62.	0.2	13
443	Metabolic control affects plasma lipid and apolipoprotein levels in women, but not in men, with IDDM. Acta Diabetologica Latina, 1988, 25, 149-154.	0.2	0
444	Free insulin concentrations in immediately extracted plasma samples and their relationships to clinical and metabolic parameters in insulin-treated diabetic patients. Acta Diabetologica Latina, 1988, 25, 257-262.	0.2	3
445	Insulin degradation into monocytes from normal subjects: a high performance liquid chromatographic analysis. Journal of Endocrinological Investigation, 1988, 11, 303-307.	3.3	0
446	Intracellular Insulin Processing Is Altered in Monocytes from Patients with Type II Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 914-920.	3.6	22
447	Circulating Lipid Levels and Severity of Diabetic Retinopathy in Type I Diabetes mellitus. Ophthalmic Research, 1987, 19, 52-56.	1.9	25
448	Plasma biguanide levels are correlated with metabolic effects in diabetic patients. Clinical Pharmacology and Therapeutics, 1987, 41, 450-454.	4.7	28
449	Factitious Hypoglycemia in an Insulin-Dependent Woman in the Eighth Week of Gestation. Gynecologic and Obstetric Investigation, 1986, 21, 52-56.	1.6	2
450	Salivary insulin concentrations in Type 2 (non-insulin-dependent) diabetic patients and obese non-diabetic subjects: Relationship to changes in plasma insulin levels after an oral glucose load. Diabetologia, 1986, 29, 695-698.	6.3	38

#	Article	IF	Citations
451	A14-[125I] monoiodoinsulin purified by different high-performance liquid chromatographic procedures and by polyacrylamide gel electrophoresis: Preparation, immunochemical properties and receptor binding affinity. Biomedical Applications, 1986, 378, 337-347.	1.7	16
452	Determination of metformin and phenformin in human plasma and urine by reversed-phase high-performance liquid chromatography. Biomedical Applications, 1986, 375, 184-189.	1.7	38
453	Complementary use of gel permeation and reversed-phase liquid chromatography for the analysis of A14-[125I]insulin and its degradation products in isolated human monocytes. Biomedical Applications, 1986, 377, 339-344.	1.7	9
454	Biosynthetic human insulin does not modify circulating lipid and apolipoprotein concentrations in type I diabetic patients. Acta Diabetologica Latina, 1986, 23, 63-68.	0.2	1
455	A rapid separation of A14-125I-insulin from heterogeneous iodination mixtures by high performance liquid chromatography (HPLC). The Journal of Nuclear Medicine and Allied Sciences, 1984, 28, 31-4.	0.0	3
456	PDL1 is Expressed in the Islets of People With Type 1 Diabetes and is Up-regulated by Interferons-- and--. SSRN Electronic Journal, 0, , .	0.4	0