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List of Publications by Year
in descending order

187 papers	18,873 citations	16791 66 h-index	14779 131 g-index
198 all docs	198 docs citations	198 times ranked	18858 citing authors

#	Article	IF	Citations
1	Impact of Proinflammatory Cytokines on Alternative Splicing Patterns in Human Islets. Diabetes, 2022, 71, 116-127.	0.3	4
2	Neuropeptide Y1 receptor antagonism protects Î²-cells and improves glycemic control in type 2 diabetes. Molecular Metabolism, 2022, 55, 101413.	3.0	10
3	The Role of Beta Cell Recovery in Type 2 Diabetes Remission. International Journal of Molecular Sciences, 2022, 23, 7435.	1.8	17
4	Kdm2a deficiency in macrophages enhances thermogenesis to protect mice against HFD-induced obesity by enhancing H3K36me2 at the Pparg locus. Cell Death and Differentiation, 2021, 28, 1880-1899.	5.0	33
5	Gene expression signatures of target tissues in type 1 diabetes, lupus erythematosus, multiple sclerosis, and rheumatoid arthritis. Science Advances, 2021, 7, .	4.7	42
6	Pro-Inflammatory Cytokines Induce Insulin and Glucagon Double Positive Human Islet Cells That Are Resistant to Apoptosis. Biomolecules, 2021, 11, 320.	1.8	9
7	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
8	DNAJC3 deficiency induces Î²-cell mitochondrial apoptosis and causes syndromic young-onset diabetes. European Journal of Endocrinology, 2021, 184, 455-468.	1.9	29
9	A functional genomic approach to identify reference genes for human pancreatic beta cell real-time quantitative RT-PCR analysis. Islets, 2021, 13, 51-65.	0.9	5
10	The Pancreatic ÃŸ-cell Response to Secretory Demands and Adaption to Stress. Endocrinology, 2021, 162, .	1.4	18
11	From Pancreatic Î²-Cell Gene Networks to Novel Therapies for Type 1 Diabetes. Diabetes, 2021, 70, 1915-1925.	0.3	14
12	CD8+ T cells variably recognize native versus citrullinated GRP78 epitopes in type 1 diabetes. Diabetes, 2021, 70, db210259.	0.3	11
13	The RNA-binding profile of the splicing factor SRSF6 in immortalized human pancreatic Î²-cells. Life Science Alliance, 2021, 4, e202000825.	1.3	14
14	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. Cell Reports, 2021, 37, 109807.	2.9	45
15	A Humanized Mouse Strain That Develops Spontaneously Immune-Mediated Diabetes. Frontiers in Immunology, 2021, 12, 748679.	2.2	5
16	Comprehensive Proteomics Analysis of Stressed Human Islets Identifies GDF15 as a Target for Type 1 Diabetes Intervention. Cell Metabolism, 2020, 31, 363-374.e6.	7.2	78
17	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.	2.4	60
18	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.	2.9	20

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19	Beta Cell Imagingâ€"From Pre-Clinical Validation to First in Man Testing. International Journal of Molecular Sciences, 2020, 21, 7274.	1.8	7
20	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.	2.9	65
21	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.	1.5	144
22	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.	1.2	35
23	Revisiting the role of inflammation in the loss of pancreatic Î²-cells in T1DM. Nature Reviews Endocrinology, 2020, 16, 611-612.	4.3	20
24	Peptides Derived From Insulin Granule Proteins Are Targeted by CD8+ T Cells Across MHC Class I Restrictions in Humans and NOD Mice. Diabetes, 2020, 69, 2678-2690.	0.3	34
25	Molecular Footprints of the Immune Assault on Pancreatic Beta Cells in Type 1 Diabetes. Frontiers in Endocrinology, 2020, 11, 568446.	1.5	19
26	Presumption of innocence for beta cells: why are they vulnerable autoimmune targets in type 1 diabetes?. Diabetologia, 2020, 63, 1999-2006.	2.9	72
27	SUMOylation of Pdia3 exacerbates proinsulin misfolding and ER stress in pancreatic beta cells. Journal of Molecular Medicine, 2020, 98, 1795-1807.	1.7	6
28	Pancreatic Î²-cells in type 1 and type 2 diabetes mellitus: different pathways to failure. Nature Reviews Endocrinology, 2020, 16, 349-362.	4.3	426
29	Preclinical evaluation of tyrosine kinase 2 inhibitors for human betaâ€cell protection in type 1 diabetes. Diabetes, Obesity and Metabolism, 2020, 22, 1827-1836.	2.2	25
30	SUMOylation, a multifaceted regulatory mechanism in the pancreatic beta cells. Seminars in Cell and Developmental Biology, 2020, 103, 51-58.	2.3	13
31	The T1D-associated lncRNA <i>Lnc13</i> modulates human pancreatic Î² cell inflammation by allele-specific stabilization of <i>STAT1</i> mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9022-9031.	3.3	43
32	An integrated multi-omics approach identifies the landscape of interferon-Î±-mediated responses of human pancreatic beta cells. Nature Communications, 2020, 11, 2584.	5.8	87
33	Integration of single-cell datasets reveals novel transcriptomic signatures of Î²-cells in human type 2 diabetes. NAR Genomics and Bioinformatics, 2020, 2, lqaa097.	1.5	15
34	YIPF5 mutations cause neonatal diabetes and microcephaly through endoplasmic reticulum stress. Journal of Clinical Investigation, 2020, 130, 6338-6353.	3.9	58
35	The pancreatic beta cells: Still much to be learned. Seminars in Cell and Developmental Biology, 2020, 103, 1-2.	2.3	1
36	Fostering improved human islet research: a European perspective. Diabetologia, 2019, 62, 1514-1516.	2.9	13

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37	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.	9.4	117
38	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.	1.5	67
39	The role of proteomics in assessing beta-cell dysfunction and death in type 1 diabetes. Expert Review of Proteomics, 2019, 16, 569-582.	1.3	8
40	Cytokine-induced translocation of GRP78 to the plasma membrane triggers a pro-apoptotic feedback loop in pancreatic beta cells. Cell Death and Disease, 2019, 10, 309.	2.7	53
41	Coxsackievirus B Tailors the Unfolded Protein Response to Favour Viral Amplification in Pancreatic Î² Cells. Journal of Innate Immunity, 2019, 11, 375-390.	1.8	23
42	DEXI, a candidate gene for type 1 diabetes, modulates rat and human pancreatic beta cell inflammation via regulation of the type I IFN/STAT signalling pathway. Diabetologia, 2019, 62, 459-472.	2.9	32
43	MCPIP1 regulates the sensitivity of pancreatic beta-cells to cytokine toxicity. Cell Death and Disease, 2019, 10, 29.	2.7	12
44	Prolactin protects against cytokine-induced beta-cell death by NFÎºB and JNK inhibition. Journal of Molecular Endocrinology, 2018, 61, 25-36.	1.1	14
45	Distinct gene expression pathways in islets from individuals with shortâ€•and longâ€duration type 1 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 1859-1867.	2.2	31
46	SRp55 Regulates a Splicing Network That Controls Human Pancreatic Î²-Cell Function and Survival. Diabetes, 2018, 67, 423-436.	0.3	46
47	IFN-Î± induces a preferential long-lasting expression of MHC class I in human pancreatic beta cells. Diabetologia, 2018, 61, 636-640.	2.9	50
48	Coxsackievirus and Type 1 Diabetes Mellitus: The Wolfâ€™s Footprints. Trends in Endocrinology and Metabolism, 2018, 29, 137-139.	3.1	15
49	Both conditional ablation and overexpression of E2 SUMO-conjugating enzyme (UBC9) in mouse pancreatic beta cells result in impaired beta cell function. Diabetologia, 2018, 61, 881-895.	2.9	57
50	Molecular genetics of the transcription factor GLIS3 identifies its dual function in beta cells and neurons. Genomics, 2018, 110, 98-111.	1.3	22
51	Exercise training protects human and rodent Î² cells against endoplasmic reticulum stress and apoptosis. FASEB Journal, 2018, 32, 1524-1536.	0.2	33
52	Detection and quantification of beta cells by PET imaging: why clinical implementation has never been closer. Diabetologia, 2018, 61, 2516-2519.	2.9	13
53	When one becomes manyâ€"Alternative splicing in Î²â€cell function and failure. Diabetes, Obesity and Metabolism, 2018, 20, 77-87.	2.2	32
54	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.	2.7	138

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55	Can GABA turn pancreatic Î±-cells into Î²-cells?. Nature Reviews Endocrinology, 2018, 14, 629-630.	4.3	10
56	Imaging of Human Insulin Secreting Cells with Gd-DOTA-P88, a Paramagnetic Contrast Agent Targeting the Beta Cell Biomarker FXYD2Î³a. Molecules, 2018, 23, 2100.	1.7	9
57	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.	7.2	177
58	Unexpected subcellular distribution of a specific isoform of the Coxsackie and adenovirus receptor, CAR-SIV, in human pancreatic beta cells. Diabetologia, 2018, 61, 2344-2355.	2.9	60
59	CXCL14, a Brown Adipokine that Mediates Brown-Fat-to-Macrophage Communication in Thermogenic Adaptation. Cell Metabolism, 2018, 28, 750-763.e6.	7.2	164
60	Biomarkers of islet beta cell stress and death in type 1 diabetes. Diabetologia, 2018, 61, 2259-2265.	2.9	31
61	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.	2.9	135
62	dUTPase (<i>DUT</i>) Is Mutated in a Novel Monogenic Syndrome With Diabetes and Bone Marrow Failure. Diabetes, 2017, 66, 1086-1096.	0.3	22
63	Neuron-enriched RNA-binding Proteins Regulate Pancreatic Beta Cell Function and Survival. Journal of Biological Chemistry, 2017, 292, 3466-3480.	1.6	56
64	High-throughput screening and bioinformatic analysis to ascertain compounds that prevent saturated fatty acid-induced Î²-cell apoptosis. Biochemical Pharmacology, 2017, 138, 140-149.	2.0	22
65	Checks and Balancesâ€"The Limits of Î²-Cell Endurance to ER Stress. Diabetes, 2017, 66, 1467-1469.	0.3	1
66	Tolerogenic insulin peptide therapy precipitates type 1 diabetes. Journal of Experimental Medicine, 2017, 214, 2153-2156.	4.2	13
67	Protective Role of Complement C3 Against Cytokine-Mediated Î²-Cell Apoptosis. Endocrinology, 2017, 158, 2503-2521.	1.4	32
68	JNK Activation of BIM Promotes Hepatic Oxidative Stress, Steatosis, and Insulin Resistance in Obesity. Diabetes, 2017, 66, 2973-2986.	0.3	21
69	A nanobody-based tracer targeting DPP6 for non-invasive imaging of human pancreatic endocrine cells. Scientific Reports, 2017, 7, 15130.	1.6	41
70	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.	1.6	41
71	MCL-1 Is a Key Antiapoptotic Protein in Human and Rodent Pancreatic Î²-Cells. Diabetes, 2017, 66, 2446-2458.	0.3	19
72	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.	0.3	87

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73	MECHANISMS IN ENDOCRINOLOGY: Alternative splicing: the new frontier in diabetes research. European Journal of Endocrinology, 2016, 174, R225-R238.	1.9	50
74	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.	1.6	44
75	Viral infections in type 1 diabetes mellitus â€" why the Î² cells?. Nature Reviews Endocrinology, 2016, 12, 263-273.	4.3	232
76	ER stress and the decline and fall of pancreatic beta cells in type 1 diabetes. Upsala Journal of Medical Sciences, 2016, 121, 133-139.	0.4	77
77	Loss of <i>Mbd2</i> Protects Mice Against High-Fat Dietâ€"Induced Obesity and Insulin Resistance by Regulating the Homeostasis of Energy Storage and Expenditure. Diabetes, 2016, 65, 3384-3395.	0.3	34
78	The lipid sensor GPR120 promotes brown fat activation and FGF21 release from adipocytes. Nature Communications, 2016, 7, 13479.	5.8	180
79	The non-canonical NF-ÎºB pathway is induced by cytokines in pancreatic beta cells and contributes to cell death and proinflammatory responses in vitro. Diabetologia, 2016, 59, 512-521.	2.9	42
80	Genome-wide hydroxymethylcytosine pattern changes in response to oxidative stress. Scientific Reports, 2015, 5, 12714.	1.6	48
81	Differential cell autonomous responses determine the outcome of coxsackievirus infections in murine pancreatic Î± and Î² cells. ELife, 2015, 4, e06990.	2.8	53
82	Pancreatic Beta Cell Survival and Signaling Pathways: Effects of Type 1 Diabetes-Associated Genetic Variants. Methods in Molecular Biology, 2015, 1433, 21-54.	0.4	18
83	A Missense Mutation in <i>PPP1R15B</i> Causes a Syndrome Including Diabetes, Short Stature, and Microcephaly. Diabetes, 2015, 64, 3951-3962.	0.3	71
84	Cytokines induce endoplasmic reticulum stress in human, rat and mouse beta cells via different mechanisms. Diabetologia, 2015, 58, 2307-2316.	2.9	181
85	Pancreatic Î± Cells are Resistant to Metabolic Stress-induced Apoptosis in Type 2 Diabetes. EBioMedicine, 2015, 2, 378-385.	2.7	80
86	<i>TYK2</i>, a Candidate Gene for Type 1 Diabetes, Modulates Apoptosis and the Innate Immune Response in Human Pancreatic Î²-Cells. Diabetes, 2015, 64, 3808-3817.	0.3	98
87	Mast cells infiltrate pancreatic islets in human type 1 diabetes. Diabetologia, 2015, 58, 2554-2562.	2.9	46
88	Citrullinated Glucose-Regulated Protein 78 Is an Autoantigen in Type 1 Diabetes. Diabetes, 2015, 64, 573-586.	0.3	136
89	<i>CTSH</i> regulates Î²-cell function and disease progression in newly diagnosed type 1 diabetes patients. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10305-10310.	3.3	81
90	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.	1.6	34

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91	<i>BACH2</i>, a Candidate Risk Gene for Type 1 Diabetes, Regulates Apoptosis in Pancreatic Î²-Cells via JNK1 Modulation and Crosstalk With the Candidate Gene <i>PTPN2</i>. Diabetes, 2014, 63, 2516-2527.	0.3	92
92	Nova1 is a master regulator of alternative splicing in pancreatic beta cells. Nucleic Acids Research, 2014, 42, 11818-11830.	6.5	71
93	Temporal profiling of cytokine-induced genes in pancreatic Î²-cells by meta-analysis and network inference. Genomics, 2014, 103, 264-275.	1.3	52
94	IL-17A increases the expression of proinflammatory chemokines in human pancreatic islets. Diabetologia, 2014, 57, 502-511.	2.9	47
95	RNA Sequencing Identifies Dysregulation of the Human Pancreatic Islet Transcriptome by the Saturated Fatty Acid Palmitate. Diabetes, 2014, 63, 1978-1993.	0.3	226
96	MBD2 regulates TH17 differentiation and experimental autoimmune encephalomyelitis by controlling the homeostasis of T-bet/Hlx axis. Journal of Autoimmunity, 2014, 53, 95-104.	3.0	39
97	JunB protects Î²-cells from lipotoxicity via the XBP1â€“AKT pathway. Cell Death and Differentiation, 2014, 21, 1313-1324.	5.0	37
98	Beta cell imaging â€“ a key tool in optimized diabetes prevention and treatment. Trends in Endocrinology and Metabolism, 2014, 25, 375-377.	3.1	38
99	Type 2 diabetes mellitusâ€"an autoimmune disease?. Nature Reviews Endocrinology, 2013, 9, 750-755.	4.3	93
100	Restoration of the Unfolded Protein Response in Pancreatic Î² Cells Protects Mice Against Type 1 Diabetes. Science Translational Medicine, 2013, 5, 211ra156.	5.8	254
101	Candidate genes for type 1 diabetes modulate pancreatic islet inflammation and <i>Î²</i>â€cell apoptosis. Diabetes, Obesity and Metabolism, 2013, 15, 71-81.	2.2	124
102	Signalling danger: endoplasmic reticulum stress and the unfolded protein response in pancreatic islet inflammation. Diabetologia, 2013, 56, 234-241.	2.9	172
103	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.	1.5	151
104	Pancreatic Î²-cells activate a JunB/ATF3-dependent survival pathway during inflammation. Oncogene, 2012, 31, 1723-1732.	2.6	38
105	On the Immense Variety and Complexity of Circumstances Conditioning Pancreatic Î²-Cell Apoptosis in Type 1 Diabetes. Diabetes, 2012, 61, 1661-1663.	0.3	21
106	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.	2.7	63
107	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.	0.3	118
108	Expression of endoplasmic reticulum stress markers in the islets of patients with type 1 diabetes. Diabetologia, 2012, 55, 2417-2420.	2.9	195

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109	C/EBP homologous protein contributes to cytokine-induced pro-inflammatory responses and apoptosis in Î²-cells. Cell Death and Differentiation, 2012, 19, 1836-1846.	5.0	114
110	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.	1.5	398
111	Mining Genes in Type 2 Diabetic Islets and Finding Gold. Cell Metabolism, 2012, 16, 555-557.	7.2	4
112	Resistance to type 2 diabetes mellitus: a matter of hormesis?. Nature Reviews Endocrinology, 2012, 8, 183-192.	4.3	68
113	Obstacles on the way to the clinical visualisation of beta cells: looking for the Aeneas of molecular imaging to navigate between Scylla and Charybdis. Diabetologia, 2012, 55, 1247-1257.	2.9	53
114	Use of RNA Interference to Investigate Cytokine Signal Transduction in Pancreatic Beta Cells. Methods in Molecular Biology, 2012, 820, 179-194.	0.4	33
115	Mcl-1 downregulation by pro-inflammatory cytokines and palmitate is an early event contributing to Î²-cell apoptosis. Cell Death and Differentiation, 2011, 18, 328-337.	5.0	107
116	Bcl-2 proteins in diabetes: mitochondrial pathways of Î²-cell death and dysfunction. Trends in Cell Biology, 2011, 21, 424-431.	3.6	175
117	Huntingtin-interacting protein 14 is a type 1 diabetes candidate protein regulating insulin secretion and Î²-cell apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E681-8.	3.3	55
118	STAT1 Is a Master Regulator of Pancreatic Î²-Cell Apoptosis and Islet Inflammation. Journal of Biological Chemistry, 2011, 286, 929-941.	1.6	144
119	Exposure to the Viral By-Product dsRNA or Coxsackievirus B5 Triggers Pancreatic Beta Cell Apoptosis via a Bim / Mcl-1 Imbalance. PLoS Pathogens, 2011, 7, e1002267.	2.1	52
120	Sustained production of spliced X-box binding protein 1 (XBP1) induces pancreatic beta cell dysfunction and apoptosis. Diabetologia, 2010, 53, 1120-1130.	2.9	103
121	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.	2.9	200
122	A genomic-based approach identifies FXYD domain containing ion transport regulator 2 (FXYD2)Î³a as a pancreatic beta cell-specific biomarker. Diabetologia, 2010, 53, 1372-1383.	2.9	35
123	Cytokines Interleukin-1Î² and Tumor Necrosis Factor-Î± Regulate Different Transcriptional and Alternative Splicing Networks in Primary Î²-Cells. Diabetes, 2010, 59, 358-374.	0.3	134
124	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.	1.8	52
125	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.	1.6	108
126	ER Stress in Pancreatic Î² Cells: The Thin Red Line Between Adaptation and Failure. Science Signaling, 2010, 3, pe7.	1.6	138

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127	Novel Insights into the Global Proteome Responses of Insulin-Producing INS-1E Cells To Different Degrees of Endoplasmic Reticulum Stress. Journal of Proteome Research, 2010, 9, 5142-5152.	1.8	22
128	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.	0.3	202
129	PTPN2, a Candidate Gene for Type 1 Diabetes, Modulates Interferon-Î³â€"Induced Pancreatic Î²-Cell Apoptosis. Diabetes, 2009, 58, 1283-1291.	0.3	152
130	Interferon regulatory factor-1 is a key transcription factor in murine beta cells under immune attack. Diabetologia, 2009, 52, 2374-2384.	2.9	24
131	Signaling by IL-1Î²+IFN-Î³ and ER stress converge on DP5/Hrk activation: a novel mechanism for pancreatic Î²-cell apoptosis. Cell Death and Differentiation, 2009, 16, 1539-1550.	5.0	143
132	The role of inflammation in insulitis and Î²-cell loss in type 1 diabetes. Nature Reviews Endocrinology, 2009, 5, 219-226.	4.3	847
133	The Role for Endoplasmic Reticulum Stress in Diabetes Mellitus. Endocrine Reviews, 2008, 29, 42-61.	8.9	990
134	Initiation and execution of lipotoxic ER stress in pancreatic Î²-cells. Journal of Cell Science, 2008, 121, 2308-2318.	1.2	512
135	Use of a systems biology approach to understand pancreatic Î²-cell death in TypeÂ1 diabetes. Biochemical Society Transactions, 2008, 36, 321-327.	1.6	42
136	JunB Inhibits ER Stress and Apoptosis in Pancreatic Beta Cells. PLoS ONE, 2008, 3, e3030.	1.1	52
137	Selective Inhibition of Eukaryotic Translation Initiation Factor 2Î± Dephosphorylation Potentiates Fatty Acid-induced Endoplasmic Reticulum Stress and Causes Pancreatic Î²-Cell Dysfunction and Apoptosis. Journal of Biological Chemistry, 2007, 282, 3989-3997.	1.6	266
138	Global profiling of genes modified by endoplasmic reticulum stress in pancreatic beta cells reveals the early degradation of insulin mRNAs. Diabetologia, 2007, 50, 1006-1014.	2.9	109
139	The endoplasmic reticulum in pancreatic beta cells of type 2 diabetes patients. Diabetologia, 2007, 50, 2486-2494.	2.9	361
140	Conditional and specific NF-ÂB blockade protects pancreatic beta cells from diabetogenic agents. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5072-5077.	3.3	231
141	Mechanisms of Pancreatic Â-Cell Death in Type 1 and Type 2 Diabetes: Many Differences, Few Similarities. Diabetes, 2005, 54, S97-S107.	0.3	1,296
142	Cytokines Downregulate the Sarcoendoplasmic Reticulum Pump Ca2+ ATPase 2b and Deplete Endoplasmic Reticulum Ca2+, Leading to Induction of Endoplasmic Reticulum Stress in Pancreatic Â-Cells. Diabetes, 2005, 54, 452-461.	0.3	471
143	Toll-like Receptor 3 and STAT-1 Contribute to Double-stranded RNA+ Interferon-Î³-induced Apoptosis in Primary Pancreatic Î²-Cells. Journal of Biological Chemistry, 2005, 280, 33984-33991.	1.6	140
144	Use of Microarray Analysis to Unveil Transcription Factor and Gene Networks Contributing to Î² Cell Dysfunction and Apoptosis. Annals of the New York Academy of Sciences, 2003, 1005, 55-74.	1.8	51

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145	IL-1Î² and IFN-Î³ induce the expression of diverse chemokines and IL-15 in human and rat pancreatic islet cells, and in islets from pre-diabetic NOD mice. Diabetologia, 2003, 46, 255-266.	2.9	184
146	Discovery of Gene Networks Regulating Cytokine-Induced Dysfunction and Apoptosis in Insulin-Producing INS-1 Cells. Diabetes, 2003, 52, 2701-2719.	0.3	207
147	Inverse Relationship Between Cytotoxicity of Free Fatty Acids in Pancreatic Islet Cells and Cellular Triglyceride Accumulation. Diabetes, 2001, 50, 1771-1777.	0.3	509
148	Monocyte chemoattractant protein-1 is expressed in pancreatic islets from prediabetic NOD mice and in interleukin-1Î²-exposed human and rat islet cells. Diabetologia, 2001, 44, 325-332.	2.9	144
149	A choice of death - the signal-transduction of immune-mediated beta-cell apoptosis. Diabetologia, 2001, 44, 2115-2133.	2.9	782
150	Beta-cell apoptosis and defense mechanisms: lessons from type 1 diabetes. Diabetes, 2001, 50, S64-S69.	0.3	157
151	A Comprehensive Analysis of Cytokine-induced and Nuclear Factor-Îº B-dependent Genes in Primary Rat Pancreatic Î²-Cells. Journal of Biological Chemistry, 2001, 276, 48879-48886.	1.6	264
152	Human Islets in Mixed Islet Grafts Protect Mouse Pancreatic Î²â€Cells from Alloxan Toxicity. Basic and Clinical Pharmacology and Toxicology, 1999, 85, 269-275.	0.0	6
153	Exposure of human islets to cytokines can result in disproportionately elevated proinsulin release. Journal of Clinical Investigation, 1999, 104, 67-72.	3.9	96
154	Intercellular Differences in Interleukin 1Î²-Induced Suppression of Insulin Synthesis and Stimulation of Noninsulin Protein Synthesis by Rat Pancreatic Î²-Cells*. Endocrinology, 1998, 139, 1540-1545.	1.4	39
155	Cytokines activate the nuclear factor ÎºB (NF-ÎºB) and induce nitric oxide production in human pancreatic islets. FEBS Letters, 1996, 385, 4-6.	1.3	98
156	Sensitivity of human pancreatic islets to peroxynitrite-induced cell dysfunction and death. FEBS Letters, 1996, 394, 300-306.	1.3	95
157	Beta-Cell Defence and Repair Mechanisms in Human Pancreatic Islets. Hormone and Metabolic Research, 1996, 28, 302-305.	0.7	28
158	Cycad toxin-induced damage of rodent and human pancreatic Î²-cells. Biochemical Pharmacology, 1995, 50, 355-365.	2.0	22
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