

Fernanda Ortis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

3,995
citations

27
h-index

41
g-index

41
ext. papers

4,411
ext. citations

5.9
avg, IF

4.85
L-index

#	Paper	IF	Citations
37	Beneficial effects of physical exercise for β cell maintenance in a type 1 diabetes mellitus animal model. <i>Experimental Physiology</i> , 2021 , 106, 1482-1497	2.4	0
36	Transient NADPH oxidase 2-dependent HO production drives early palmitate-induced lipotoxicity in pancreatic islets. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 1-13	7.8	4
35	ARHGAP21 Acts as an Inhibitor of the Glucose-Stimulated Insulin Secretion Process. <i>Frontiers in Endocrinology</i> , 2020 , 11, 599165	5.7	2
34	Prolactin protects against cytokine-induced beta-cell death by NF κ B and JNK inhibition. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, 25-36	4.5	10
33	The non-canonical NF- κ B pathway and its contribution to β cell failure in diabetes. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, F1-F6	4.5	21
32	A20 Inhibits β Cell Apoptosis by Multiple Mechanisms and Predicts Residual β Cell Function in Type 1 Diabetes. <i>Molecular Endocrinology</i> , 2016 , 30, 48-61		25
31	The non-canonical NF- κ B pathway is induced by cytokines in pancreatic beta cells and contributes to cell death and proinflammatory responses in vitro. <i>Diabetologia</i> , 2016 , 59, 512-21	10.3	28
30	Endoplasmic reticulum stress and the unfolded protein response in pancreatic islet inflammation. <i>Journal of Molecular Endocrinology</i> , 2016 , 57, R1-R17	4.5	51
29	JunB protects β cells from lipotoxicity via the XBP1-AKT pathway. <i>Cell Death and Differentiation</i> , 2014 , 21, 1313-24	12.7	31
28	Augmented β Cell Function and Mass in Glucocorticoid-Treated Rodents Are Associated with Increased Islet Ir- γ AKT/mTOR and Decreased AMPK/ACC and AS160 Signaling. <i>International Journal of Endocrinology</i> , 2014 , 2014, 983453	2.7	19
27	Metabolic memory of β cells controls insulin secretion and is mediated by CaMKII. <i>Molecular Metabolism</i> , 2014 , 3, 484-9	8.8	12
26	The human pancreatic islet transcriptome: expression of candidate genes for type 1 diabetes and the impact of pro-inflammatory cytokines. <i>PLoS Genetics</i> , 2012 , 8, e1002552	6	313
25	Differential usage of NF- κ B activating signals by IL-1 β and TNF- α in pancreatic beta cells. <i>FEBS Letters</i> , 2012 , 586, 984-9	3.8	45
24	Pancreatic β cells activate a JunB/ATF3-dependent survival pathway during inflammation. <i>Oncogene</i> , 2012 , 31, 1723-32	9.2	29
23	Huntingtin-interacting protein 14 is a type 1 diabetes candidate protein regulating insulin secretion and beta-cell apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E681-8	11.5	50
22	STAT1 is a master regulator of pancreatic {beta}-cell apoptosis and islet inflammation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 929-41	5.4	116
21	Cytokines interleukin-1beta and tumor necrosis factor-alpha regulate different transcriptional and alternative splicing networks in primary beta-cells. <i>Diabetes</i> , 2010 , 59, 358-74	0.9	120

20	p53 up-regulated modulator of apoptosis (PUMA) activation contributes to pancreatic beta-cell apoptosis induced by proinflammatory cytokines and endoplasmic reticulum stress. <i>Journal of Biological Chemistry</i> , 2010 , 285, 19910-20	5.4	100
19	MDA5 and PTPN2, two candidate genes for type 1 diabetes, modify pancreatic beta-cell responses to the viral by-product double-stranded RNA. <i>Human Molecular Genetics</i> , 2010 , 19, 135-46	5.6	72
18	Identification of new pancreatic beta cell targets for in vivo imaging by a systems biology approach. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1609-18	3.3	10
17	Sustained production of spliced X-box binding protein 1 (XBP1) induces pancreatic beta cell dysfunction and apoptosis. <i>Diabetologia</i> , 2010 , 53, 1120-30	10.3	88
16	Palmitate induces a pro-inflammatory response in human pancreatic islets that mimics CCL2 expression by beta cells in type 2 diabetes. <i>Diabetologia</i> , 2010 , 53, 1395-405	10.3	168
15	Glucagon-like peptide-1 agonists protect pancreatic beta-cells from lipotoxic endoplasmic reticulum stress through upregulation of BiP and JunB. <i>Diabetes</i> , 2009 , 58, 2851-62	0.9	172
14	Signaling by IL-1beta+IFN-gamma and ER stress converge on DP5/Hrk activation: a novel mechanism for pancreatic beta-cell apoptosis. <i>Cell Death and Differentiation</i> , 2009 , 16, 1539-50	12.7	133
13	The role of inflammation in insulinitis and beta-cell loss in type 1 diabetes. <i>Nature Reviews Endocrinology</i> , 2009 , 5, 219-26	15.2	684
12	Initiation and execution of lipotoxic ER stress in pancreatic beta-cells. <i>Journal of Cell Science</i> , 2008 , 121, 2308-18	5.3	449
11	Use of a systems biology approach to understand pancreatic beta-cell death in Type 1 diabetes. <i>Biochemical Society Transactions</i> , 2008 , 36, 321-7	5.1	38
10	JunB Inhibits ER Stress and Apoptosis in Pancreatic Beta Cells. <i>PLoS ONE</i> , 2008 , 3, e3030	3.7	48
9	Induction of nuclear factor-kappaB and its downstream genes by TNF-alpha and IL-1beta has a pro-apoptotic role in pancreatic beta cells. <i>Diabetologia</i> , 2008 , 51, 1213-25	10.3	116
8	Loss of PPAR gamma in immune cells impairs the ability of abscisic acid to improve insulin sensitivity by suppressing monocyte chemoattractant protein-1 expression and macrophage infiltration into white adipose tissue. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 216-28	6.3	68
7	Selective inhibition of eukaryotic translation initiation factor 2 alpha dephosphorylation potentiates fatty acid-induced endoplasmic reticulum stress and causes pancreatic beta-cell dysfunction and apoptosis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 3989-97	5.4	234
6	Transcriptional regulation of the endoplasmic reticulum stress gene chop in pancreatic insulin-producing cells. <i>Diabetes</i> , 2007 , 56, 1069-77	0.9	78
5	Cell-permeable peptides induce dose- and length-dependent cytotoxic effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 2222-34	3.8	70
4	Cytokine-induced proapoptotic gene expression in insulin-producing cells is related to rapid, sustained, and nonoscillatory nuclear factor-kappaB activation. <i>Molecular Endocrinology</i> , 2006 , 20, 1867-79		109
3	Cytokines downregulate the sarcoendoplasmic reticulum pump Ca ²⁺ ATPase 2b and deplete endoplasmic reticulum Ca ²⁺ , leading to induction of endoplasmic reticulum stress in pancreatic beta-cells. <i>Diabetes</i> , 2005 , 54, 452-61	0.9	419

- 2 Interactions between Cationic Vesicles and Cultured Mammalian Cells. *Langmuir*, **1997**, 13, 2215-2218 4 52
- 1 Immunopurification of polyclonal antibodies to recombinant proteins of the same gene family. *BioTechniques*, **1996**, 21, 986-8, 990 2.5 9