

# Fernanda Ortis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6965506/fernanda-ortis-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The role of inflammation in insulinitis and beta-cell loss in type 1 diabetes. <i>Nature Reviews Endocrinology</i> , <b>2009</b> , 5, 219-26	15.2	684
36	Initiation and execution of lipotoxic ER stress in pancreatic beta-cells. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2308-18	5.3	449
35	Cytokines downregulate the sarcoendoplasmic reticulum pump Ca <sup>2+</sup> ATPase 2b and deplete endoplasmic reticulum Ca <sup>2+</sup> , leading to induction of endoplasmic reticulum stress in pancreatic beta-cells. <i>Diabetes</i> , <b>2005</b> , 54, 452-61	0.9	419
34	The human pancreatic islet transcriptome: expression of candidate genes for type 1 diabetes and the impact of pro-inflammatory cytokines. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002552	6	313
33	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> , <b>2007</b> , 282, 3989-97	5.4	234
32	Glucagon-like peptide-1 agonists protect pancreatic beta-cells from lipotoxic endoplasmic reticulum stress through upregulation of BiP and JunB. <i>Diabetes</i> , <b>2009</b> , 58, 2851-62	0.9	172
31	Palmitate induces a pro-inflammatory response in human pancreatic islets that mimics CCL2 expression by beta cells in type 2 diabetes. <i>Diabetologia</i> , <b>2010</b> , 53, 1395-405	10.3	168
30	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> , <b>2009</b> , 16, 1539-50	12.7	133
29	Cytokines interleukin-1beta and tumor necrosis factor-alpha regulate different transcriptional and alternative splicing networks in primary beta-cells. <i>Diabetes</i> , <b>2010</b> , 59, 358-74	0.9	120
28	STAT1 is a master regulator of pancreatic {beta}-cell apoptosis and islet inflammation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 929-41	5.4	116
27	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> , <b>2008</b> , 51, 1213-25	10.3	116
26	Cytokine-induced proapoptotic gene expression in insulin-producing cells is related to rapid, sustained, and nonoscillatory nuclear factor-kappaB activation. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 1867-79		109
25	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> , <b>2010</b> , 285, 19910-20	5.4	100
24	Sustained production of spliced X-box binding protein 1 (XBP1) induces pancreatic beta cell dysfunction and apoptosis. <i>Diabetologia</i> , <b>2010</b> , 53, 1120-30	10.3	88
23	Transcriptional regulation of the endoplasmic reticulum stress gene chop in pancreatic insulin-producing cells. <i>Diabetes</i> , <b>2007</b> , 56, 1069-77	0.9	78
22	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> , <b>2010</b> , 19, 135-46	5.6	72
21	Cell-permeable peptides induce dose- and length-dependent cytotoxic effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 2222-34	3.8	70

20	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> , <b>2008</b> , 19, 216-28	6.3	68
19	Interactions between Cationic Vesicles and Cultured Mammalian Cells. <i>Langmuir</i> , <b>1997</b> , 13, 2215-2218	4	52
18	Endoplasmic reticulum stress and the unfolded protein response in pancreatic islet inflammation. <i>Journal of Molecular Endocrinology</i> , <b>2016</b> , 57, R1-R17	4.5	51
17	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> , <b>2011</b> , 108, E681-8	11.5	50
16	JunB Inhibits ER Stress and Apoptosis in Pancreatic Beta Cells. <i>PLoS ONE</i> , <b>2008</b> , 3, e3030	3.7	48
15	Differential usage of NF- $\kappa$ B activating signals by IL-1 $\beta$ and TNF- $\alpha$ in pancreatic beta cells. <i>FEBS Letters</i> , <b>2012</b> , 586, 984-9	3.8	45
14	Use of a systems biology approach to understand pancreatic beta-cell death in Type 1 diabetes. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 321-7	5.1	38
13	JunB protects $\beta$ cells from lipotoxicity via the XBP1-AKT pathway. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 1313-24	12.7	31
12	Pancreatic $\beta$ cells activate a JunB/ATF3-dependent survival pathway during inflammation. <i>Oncogene</i> , <b>2012</b> , 31, 1723-32	9.2	29
11	The non-canonical NF- $\kappa$ B pathway is induced by cytokines in pancreatic beta cells and contributes to cell death and proinflammatory responses in vitro. <i>Diabetologia</i> , <b>2016</b> , 59, 512-21	10.3	28
10	A20 Inhibits $\beta$ Cell Apoptosis by Multiple Mechanisms and Predicts Residual $\beta$ Cell Function in Type 1 Diabetes. <i>Molecular Endocrinology</i> , <b>2016</b> , 30, 48-61		25
9	The non-canonical NF- $\kappa$ B pathway and its contribution to $\beta$ cell failure in diabetes. <i>Journal of Molecular Endocrinology</i> , <b>2018</b> , 61, F1-F6	4.5	21
8	Augmented $\beta$ Cell Function and Mass in Glucocorticoid-Treated Rodents Are Associated with Increased Islet Ir- $\beta$ /AKT/mTOR and Decreased AMPK/ACC and AS160 Signaling. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 983453	2.7	19
7	Metabolic memory of $\beta$ cells controls insulin secretion and is mediated by CaMKII. <i>Molecular Metabolism</i> , <b>2014</b> , 3, 484-9	8.8	12
6	Prolactin protects against cytokine-induced beta-cell death by NFB and JNK inhibition. <i>Journal of Molecular Endocrinology</i> , <b>2018</b> , 61, 25-36	4.5	10
5	Identification of new pancreatic beta cell targets for in vivo imaging by a systems biology approach. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 1609-18	3.3	10
4	Immunopurification of polyclonal antibodies to recombinant proteins of the same gene family. <i>BioTechniques</i> , <b>1996</b> , 21, 986-8, 990	2.5	9
3	Transient NADPH oxidase 2-dependent HO production drives early palmitate-induced lipotoxicity in pancreatic islets. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 162, 1-13	7.8	4

- 2 ARHGAP21 Acts as an Inhibitor of the Glucose-Stimulated Insulin Secretion Process. *Frontiers in Endocrinology*, **2020**, 11, 599165 5.7 2
- 1 Beneficial effects of physical exercise for  $\beta$ cell maintenance in a type 1 diabetes mellitus animal model. *Experimental Physiology*, **2021**, 106, 1482-1497 2.4 0