

# Ewa Gurgul-Convey

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

574  
citations

687220

13  
h-index

642610

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between pro-inflammatory and anti-inflammatory cytokines in insulin-producing cells. <i>Journal of Endocrinology</i> , 2008, 197, 139-150.	1.2	67
2	Cytokine toxicity in insulin-producing cells is mediated by nitro-oxidative stress-induced hydroxyl radical formation in mitochondria. <i>Journal of Molecular Medicine</i> , 2011, 89, 785-798.	1.7	58
3	Unveiling a common mechanism of apoptosis in $\beta$ -cells and neurons in Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2015, 24, 2274-2286.	1.4	58
4	Sensitivity profile of the human EndoC- $\beta$ H1 beta cell line to proinflammatory cytokines. <i>Diabetologia</i> , 2016, 59, 2125-2133.	2.9	54
5	Relative importance of cellular uptake and reactive oxygen species for the toxicity of alloxan and dialuric acid to insulin-producing cells. <i>Free Radical Biology and Medicine</i> , 2006, 41, 825-834.	1.3	45
6	Differential effects of proinflammatory cytokines on cell death and ER stress in insulin-secreting INS1E cells and the involvement of nitric oxide. <i>Cytokine</i> , 2011, 55, 195-201.	1.4	40
7	Physiological characterization of the human EndoC- $\beta$ H1 $\beta$ -cell line. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 13-19.	1.0	38
8	Induction of the intrinsic apoptosis pathway in insulin-secreting cells is dependent on oxidative damage of mitochondria but independent of caspase-12 activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1827-1835.	1.9	28
9	Overexpression of sphingosine-1-phosphate lyase protects insulin-secreting cells against cytokine toxicity. <i>Journal of Biological Chemistry</i> , 2017, 292, 20292-20304.	1.6	24
10	Protection against Cytokine Toxicity through Endoplasmic Reticulum and Mitochondrial Stress Prevention by Prostacyclin Synthase Overexpression in Insulin-producing Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 11121-11128.	1.6	21
11	Protection of insulin-producing cells against toxicity of dexamethasone by catalase overexpression. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1386-1393.	1.3	20
12	Mechanism of Prostacyclin-Induced Potentiation of Glucose-Induced Insulin Secretion. <i>Endocrinology</i> , 2012, 153, 2612-2622.	1.4	18
13	Relation Between Triketone Structure, Generation of Reactive Oxygen Species, and Selective Toxicity of the Diabetogenic Agent Alloxan. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 691-700.	2.5	16
14	IL-1 $\beta$ hampers glucose-stimulated insulin secretion in Cohen diabetic rat islets through mitochondrial cytochrome c oxidase inhibition by nitric oxide. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E648-E657.	1.8	12
15	MCPIP1 regulates the sensitivity of pancreatic beta-cells to cytokine toxicity. <i>Cell Death and Disease</i> , 2019, 10, 29.	2.7	12
16	Effects of the novel mitochondrial protein mimitin in insulin-secreting cells. <i>Biochemical Journal</i> , 2012, 445, 349-359.	1.7	11
17	Is there a role for neuronal nitric oxide synthase (nNOS) in cytokine toxicity to pancreatic beta cells?. <i>Nitric Oxide - Biology and Chemistry</i> , 2012, 27, 235-241.	1.2	11
18	Sphingolipids in Type 1 Diabetes: Focus on Beta-Cells. <i>Cells</i> , 2020, 9, 1835.	1.8	11

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19	Proinflammatory cytokines induce rapid, NO-independent apoptosis, expression of chemotactic mediators and interleukin-32 secretion in human pluripotent stem cell-derived beta cells. <i>Diabetologia</i> , 2022, 65, 829-843.	2.9	9
20	Improved antioxidative defence protects insulin-producing cells against homocysteine toxicity. <i>Chemico-Biological Interactions</i> , 2016, 256, 37-46.	1.7	5
21	To Be or Not to Be: The Divergent Action and Metabolism of Sphingosine-1 Phosphate in Pancreatic Beta-Cells in Response to Cytokines and Fatty Acids. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1638.	1.8	5
22	MCPIP1 is a novel link between diabetogenic conditions and impaired insulin secretory capacity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166199.	1.8	4
23	Sphingosine-1 Phosphate Lyase Regulates Sensitivity of Pancreatic Beta-Cells to Lipotoxicity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10893.	1.8	3
24	Is Nitric Oxide Really the Primary Mediator of Pancreatic $\beta$ -Cell Death in Type 1 Diabetes?. <i>Journal of Biological Chemistry</i> , 2015, 290, 10570.	1.6	2
25	Immunometabolism in type 2 diabetes mellitus: tissue-specific interactions. <i>Archives of Medical Science</i> , 2020, , .	0.4	1
26	Limited GADD45 $\beta$ expression and function in IL-1 $\beta$ toxicity towards insulin-producing cells. <i>Acta Biochimica Polonica</i> , 2013, 60, 595-602.	0.3	1