Safia Costes

List of Publications by Citations

31 papers	8,032 citations	20 h-index	31 g-index
31 ext. papers	8,942 ext. citations	7.2 avg, IF	4.3 L-index

#	Paper	IF	Citations
31	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
30	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
29	Autophagy defends pancreatic β cells from human islet amyloid polypeptide-induced toxicity. *Journal of Clinical Investigation*, **2014**, 124, 3489-500	15.9	149
28	GLP-1 mediates antiapoptotic effect by phosphorylating Bad through a beta-arrestin 1-mediated ERK1/2 activation in pancreatic beta-cells. *Journal of Biological Chemistry*, **2010**, 285, 1989-2002	5.4	131
27	Human-IAPP disrupts the autophagy/lysosomal pathway in pancreatic β cells: protective role of p62-positive cytoplasmic inclusions. *Cell Death and Differentiation*, **2011**, 18, 415-26	12.7	107
26	The CDK4-pRB-E2F1 pathway controls insulin secretion. *Nature Cell Biology*, **2009**, 11, 1017-23	23.4	96
25	β Cell failure in type 2 diabetes: a case of asking too much of too few?. *Diabetes*, **2013**, 62, 327-35	0.9	89
24	Extracellularly regulated kinases 1/2 (p44/42 mitogen-activated protein kinases) phosphorylate synapsin I and regulate insulin secretion in the MIN6 beta-cell line and islets of Langerhans. *Endocrinology*, **2005**, 146, 643-54	4.8	88
23	ERK1/2 control phosphorylation and protein level of cAMP-responsive element-binding protein: a key role in glucose-mediated pancreatic beta-cell survival. *Diabetes*, **2006**, 55, 2220-30	0.9	84
22	β cell dysfunctional ERAD/ubiquitin/proteasome system in type 2 diabetes mediated by islet amyloid polypeptide-induced UCH-L1 deficiency. *Diabetes*, **2011**, 60, 227-38	0.9	79
21	The effect of curcumin on human islet amyloid polypeptide misfolding and toxicity. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis*, **2010**, 17, 118-28	2.7	76
20	Calcium-activated calpain-2 is a mediator of beta cell dysfunction and apoptosis in type 2 diabetes. *Journal of Biological Chemistry*, **2010**, 285, 339-48	5.4	72
19	Roles and regulation of the transcription factor CREB in pancreatic β cells. *Current Molecular Pharmacology*, **2011**, 4, 187-95	3.7	56
18	Activation of Melatonin Signaling Promotes β Cell Survival and Function. *Molecular Endocrinology*, **2015**, 29, 682-92		50
17	Glucagon promotes cAMP-response element-binding protein phosphorylation via activation of ERK1/2 in MIN6 cell line and isolated islets of Langerhans. *Journal of Biological Chemistry*, **2004**, 279, 20345-55	5.4	50
16	UCHL1 deficiency exacerbates human islet amyloid polypeptide toxicity in β cells: evidence of interplay between the ubiquitin/proteasome system and autophagy. *Autophagy*, **2014**, 10, 1004-14	10.2	43
15	Degradation of cAMP-responsive element-binding protein by the ubiquitin-proteasome pathway contributes to glucotoxicity in beta-cells and human pancreatic islets. *Diabetes*, **2009**, 58, 1105-15	0.9	43

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14	Cyclin-dependent kinase 5 promotes pancreatic Ecell survival via Fak-Akt signaling pathways. *Diabetes*, **2011**, 60, 1186-97	0.9	34
13	CHOP Contributes to, But Is Not the Only Mediator of, IAPP Induced ECell Apoptosis. *Molecular Endocrinology*, **2016**, 30, 446-54		32
12	beta-Arrestin 1 is required for PAC1 receptor-mediated potentiation of long-lasting ERK1/2 activation by glucose in pancreatic beta-cells. *Journal of Biological Chemistry*, **2009**, 284, 4332-42	5.4	32
11	Insulin-degrading enzyme inhibition, a novel therapy for type 2 diabetes?. *Cell Metabolism*, **2014**, 20, 201-3	24.6	19
10	Cooperative effects between protein kinase A and p44/p42 mitogen-activated protein kinase to promote cAMP-responsive element binding protein activation after beta cell stimulation by glucose and its alteration due to glucotoxicity. *Annals of the New York Academy of Sciences*, **2004**, 1030, 230-42	6.5	19
9	Targeting protein misfolding to protect pancreatic beta-cells in type 2 diabetes. *Current Opinion in Pharmacology*, **2018**, 43, 104-110	5.1	19
8	ERK1 is dispensable for mouse pancreatic beta cell function but is necessary for glucose-induced full activation of MSK1 and CREB. *Diabetologia*, **2017**, 60, 1999-2010	10.3	12
7	Cell-specific increased expression of calpastatin prevents diabetes induced by islet amyloid polypeptide toxicity. *JCI Insight*, **2016**, 1, e89590	9.9	10
6	The glucagon-miniglucagon interplay: a new level in the metabolic regulation. *Annals of the New York Academy of Sciences*, **2006**, 1070, 161-6	6.5	9
5	Proteasomal degradation of the histone acetyl transferase p300 contributes to beta-cell injury in a diabetes environment. *Cell Death and Disease*, **2018**, 9, 600	9.8	8
4	Mechanisms of Beta-Cell Apoptosis in Type 2 Diabetes-Prone Situations and Potential Protection by GLP-1-Based Therapies. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
3	The nuclear receptor REV-ERBis implicated in the alteration of Ecell autophagy and survival under diabetogenic conditions.. *Cell Death and Disease*, **2022**, 13, 353	9.8	0
2	Methods to Study Roles of EArrestins in the Regulation of Pancreatic ECell Function. *Methods in Molecular Biology*, **2019**, 1957, 345-364	1.4	
1	Signaling Pathways Involved in Physiopathology of Pancreatic β -Cells. *Recent Patents on Endocrine, Metabolic & Immune Drug Discovery*, **2007**, 1, 180-192		