Corentin Cras-MÃ©neur

List of Publications by Year
in descending order

34 papers	2,535 citations	304743 22 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3607 citing authors

#	Article	IF	Citations
1	Increased dosage of mammalian Sir2 in pancreatic Î² cells enhances glucose-stimulated insulin secretion in mice. Cell Metabolism, 2005, 2, 105-117.	16.2	575
2	Inhibition of Foxo1 Protects Pancreatic Islet Î²-Cells Against Fatty Acid and Endoplasmic Reticulum Stressâ€“Induced Apoptosis. Diabetes, 2008, 57, 846-859.	0.6	204
3	Akt Induces Â-Cell Proliferation by Regulating Cyclin D1, Cyclin D2, and p21 Levels and Cyclin-Dependent Kinase-4 Activity. Diabetes, 2006, 55, 318-325.	0.6	186
4	Natural history of Î²-cell adaptation and failure in type 2 diabetes. Molecular Aspects of Medicine, 2015, 42, 19-41.	6.4	183
5	Epidermal Growth Factor Increases Undifferentiated Pancreatic Embryonic Cells In Vitro: A Balance Between Proliferation and Differentiation. Diabetes, 2001, 50, 1571-1579.	0.6	133
6	Role for FGFR2IIIb-mediated signals in controlling pancreatic endocrine progenitor cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3884-3889.	7.1	113
7	Glucose Regulates Foxo1 Through Insulin Receptor Signaling in the Pancreatic Islet Â-cell. Diabetes, 2006, 55, 1581-1591.	0.6	112
8	Genetic Deficiency of Glycogen Synthase Kinase-3Î² Corrects Diabetes in Mouse Models of Insulin Resistance. PLoS Biology, 2008, 6, e37.	5.6	96
9	Conditional ablation of Gsk-3Î² in islet beta cells results in expanded mass and resistance to fat feeding-induced diabetes in mice. Diabetologia, 2010, 53, 2600-2610.	6.3	91
10	Reduced Expression of the Insulin Receptor in Mouse Insulinoma (MIN6) Cells Reveals Multiple Roles of Insulin Signaling in Gene Expression, Proliferation, Insulin Content, and Secretion. Journal of Biological Chemistry, 2005, 280, 4992-5003.	3.4	86
11	Regulation of Î²â€cell mass and function by the Akt/protein kinase B signalling pathway. Diabetes, Obesity and Metabolism, 2007, 9, 147-157.	4.4	76
12	mTORC1 signaling and regulation of pancreatic Î²-cell mass. Cell Cycle, 2012, 11, 1892-1902.	2.6	74
13	Decreased IRS Signaling Impairs Î²-Cell Cycle Progression and Survival in Transgenic Mice Overexpressing S6K in Î²-Cells. Diabetes, 2010, 59, 2390-2399.	0.6	58
14	Transcriptional Program of the Endocrine Pancreas in Mice and Humans. Diabetes, 2003, 52, 1604-1610.	0.6	52
15	Presenilins, Notch dose control the fate of pancreatic endocrine progenitors during a narrow developmental window. Genes and Development, 2009, 23, 2088-2101.	5.9	52
16	Glucose and Insulin Treatment of Insulinoma Cells Results in Transcriptional Regulation of a Common Set of Genes. Diabetes, 2004, 53, 1496-1508.	0.6	48
17	Importance of Î²-Catenin in glucose and energy homeostasis. Scientific Reports, 2012, 2, 693.	3.3	46
18	An expression profile of human pancreatic islet mRNAs by Serial Analysis of Gene Expression (SAGE). Diabetologia, 2004, 47, 284-299.	6.3	41

#	Article	IF	Citations
19	Glucose and Fatty Acids Synergize to Promote B-Cell Apoptosis through Activation of Glycogen Synthase Kinase 3Î² Independent of JNK Activation. PLoS ONE, 2011, 6, e18146.	2.5	41
20	Role of nutrients and mTOR signaling in the regulation of pancreatic progenitors development. Molecular Metabolism, 2017, 6, 560-573.	6.5	40
21	Ventromedial hypothalamic nucleus neuronal subset regulates blood glucose independently of insulin. Journal of Clinical Investigation, 2020, 130, 2943-2952.	8.2	40
22	Transgenic Overexpression of Active Calcineurin in Î²-Cells Results in Decreased Î²-Cell Mass and Hyperglycemia. PLoS ONE, 2010, 5, e11969.	2.5	33
23	Gene expression profiling in islet biology and diabetes research. Diabetes/Metabolism Research and Reviews, 2003, 19, 32-42.	4.0	23
24	A global approach to identify differentially expressed genes in cDNA (two-color) microarray experiments. Bioinformatics, 2007, 23, 2073-2079.	4.1	22
25	Exposure of mouse embryonic pancreas to metformin enhances the number of pancreatic progenitors. Diabetologia, 2014, 57, 2566-2575.	6.3	20
26	Beta-cell specific Insr deletion promotes insulin hypersecretion and improves glucose tolerance prior to global insulin resistance. Nature Communications, 2022, 13, 735.	12.8	20
27	Pancreatic pattern of expression of thyrotropin-releasing hormone during rat embryonic development. Journal of Endocrinology, 2000, 166, 481-488.	2.6	17
28	FGFR1-IIIb is a putative marker of pancreatic progenitor cells. Mechanisms of Development, 2002, 116, 205-208.	1.7	13
29	Early pancreatic islet fate and maturation is controlled through RBP-JÎº. Scientific Reports, 2016, 6, 26874.	3.3	9
30	Hyperglucagonemia in an animal model of insulin- deficient diabetes: what therapy can improve it?. Clinical Diabetes and Endocrinology, 2016, 2, 11.	2.7	9
31	No Evidence for Linkage or for Diabetes-Associated Mutations in the Activin Type 2B Receptor Gene (ACVR2B) in French Patients With Mature-Onset Diabetes of the Young or Type 2 Diabetes. Diabetes, 2001, 50, 1219-1221.	0.6	6
32	Improved in vivo imaging method for individual islets across the mouse pancreas reveals a heterogeneous insulin secretion response to glucose. Scientific Reports, 2021, 11, 603.	3.3	6
33	Noninvasivein vivoimaging of embryonic Î²-cell development in the anterior chamber of the eye. Islets, 2016, 8, 35-47.	1.8	4
34	mTORC1 regulates high levels of protein synthesis in retinal ganglion cells of adult mice. Journal of Biological Chemistry, 2022, 298, 101944.	3.4	2