

Franoise Carlotti

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1403554/francoise-carlotti-publications-by-citations.pdf>

Version: 2024-04-17

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.

59
papers

2,195
citations

24
h-index

46
g-index

61
ext. papers

2,768
ext. citations

6.4
avg, IF

4.42
L-index

#	Paper	IF	Citations
59	A Single-Cell Transcriptome Atlas of the Human Pancreas. <i>Cell Systems</i> , 2016 , 3, 385-394.e3	10.6	556
58	Autoimmunity against a defective ribosomal insulin gene product in type 1 diabetes. <i>Nature Medicine</i> , 2017 , 23, 501-507	50.5	131
57	Lentiviral vectors efficiently transduce quiescent mature 3T3-L1 adipocytes. <i>Molecular Therapy</i> , 2004 , 9, 209-17	11.7	129
56	Loss of β Cell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. <i>Diabetes</i> , 2015 , 64, 2928-38	0.9	103
55	Conversion of mature human β cells into glucagon-producing β cells. <i>Diabetes</i> , 2013 , 62, 2471-80	0.9	97
54	Long-term ketogenic diet causes glucose intolerance and reduced β and β cell mass but no weight loss in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E552-8	6	81
53	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. <i>Stem Cell Reports</i> , 2018 , 10, 712-724	8	80
52	KeyGenes, a Tool to Probe Tissue Differentiation Using a Human Fetal Transcriptional Atlas. <i>Stem Cell Reports</i> , 2015 , 4, 1112-24	8	78
51	DNA damage in transcribed genes induces apoptosis via the JNK pathway and the JNK-phosphatase MKP-1. <i>Oncogene</i> , 2005 , 24, 7135-44	9.2	69
50	The CTRB1/2 locus affects diabetes susceptibility and treatment via the incretin pathway. <i>Diabetes</i> , 2013 , 62, 3275-81	0.9	63
49	DNA Methylation Landscapes of Human Fetal Development. <i>PLoS Genetics</i> , 2015 , 11, e1005583	6	54
48	Mitogen-activated protein kinase (MAPK) phosphatase-1 and -4 attenuate p38 MAPK during dexamethasone-induced insulin resistance in 3T3-L1 adipocytes. <i>Molecular Endocrinology</i> , 2004 , 18, 1697-707		52
47	Controlled aggregation of primary human pancreatic islet cells leads to glucose-responsive pseudoislets comparable to native islets. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1836-46	5.6	51
46	Isolated human islets contain a distinct population of mesenchymal stem cells. <i>Islets</i> , 2010 , 2, 164-73	2	51
45	Bcl-XL expression correlates with primary macrophage differentiation, activation of functional competence, and survival and results from synergistic transcriptional activation by Ets2 and PU.1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17800-7	5.4	44
44	Mesenchymal stem cells or cardiac progenitors for cardiac repair? A comparative study. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2141-56	10.3	42
43	Development of an inducible suicide gene system based on human caspase 8. <i>Cancer Gene Therapy</i> , 2005 , 12, 627-39	5.4	41

42	Glucagon-like peptide-1 receptor agonist treatment reduces beta cell mass in normoglycaemic mice. <i>Diabetologia</i> , 2013 , 56, 1980-6	10.3	38
41	DNA methylation and transcriptional trajectories during human development and reprogramming of isogenic pluripotent stem cells. <i>Nature Communications</i> , 2017 , 8, 908	17.4	37
40	Topologically heterogeneous beta cell adaptation in response to high-fat diet in mice. <i>PLoS ONE</i> , 2013 , 8, e56922	3.7	34
39	Changes in lamina structure are followed by spatial reorganization of heterochromatic regions in caspase-8-activated human mesenchymal stem cells. <i>Journal of Cell Science</i> , 2006 , 119, 4247-56	5.3	31
38	ATF3 and Fra1 have opposite functions in JNK- and ERK-dependent DNA damage responses. <i>DNA Repair</i> , 2008 , 7, 487-96	4.3	28
37	The p38 mitogen-activated protein kinase inhibitor SB203580 reduces glucose turnover by the glucose transporter-4 of 3T3-L1 adipocytes in the insulin-stimulated state. <i>Endocrinology</i> , 2005 , 146, 1818-24	4.8	27
36	The role of the Ets2 transcription factor in the proliferation, maturation, and survival of mouse thymocytes. <i>Journal of Immunology</i> , 2002 , 169, 4873-81	5.3	26
35	Coculturing Human Islets with Proangiogenic Support Cells to Improve Islet Revascularization at the Subcutaneous Transplantation Site. <i>Tissue Engineering - Part A</i> , 2016 , 22, 375-85	3.9	24
34	Micro-fabricated scaffolds lead to efficient remission of diabetes in mice. <i>Biomaterials</i> , 2017 , 135, 10-22	15.6	23
33	Specific targeting of caspase-9/PP2A interaction as potential new anti-cancer therapy. <i>PLoS ONE</i> , 2013 , 8, e60816	3.7	21
32	Increased vimentin in human β and δ cells in type 2 diabetes. <i>Journal of Endocrinology</i> , 2017 , 233, 217-227	4.7	19
31	Genetically engineered human islets protected from CD8-mediated autoimmune destruction in vivo. <i>Molecular Therapy</i> , 2013 , 21, 1592-601	11.7	16
30	De novo generation of a functional human thymus from induced pluripotent stem cells. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1416-1419.e7	11.5	15
29	Organoids from the Human Fetal and Adult Pancreas. <i>Current Diabetes Reports</i> , 2019 , 19, 160	5.6	15
28	β Cell Stress Shapes CTL Immune Recognition of Preproinsulin Signal Peptide by Posttranscriptional Regulation of Endoplasmic Reticulum Aminopeptidase 1. <i>Diabetes</i> , 2020 , 69, 670-680 ^{0.9}		14
27	β Cell Generation: Can Rodent Studies Be Translated to Humans?. <i>Journal of Transplantation</i> , 2011 , 2011, 892453	2.3	13
26	Pancreatic β cell mass in obesity. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1810-1813	6.7	12
25	Lymphangiogenesis and angiogenesis during human fetal pancreas development. <i>Vascular Cell</i> , 2014 , 6, 22	1	12

24	Tacrolimus-Induced BMP/SMAD Signaling Associates With Metabolic Stress-Activated FOXO1 to Trigger β Cell Failure. <i>Diabetes</i> , 2020 , 69, 193-204	0.9	10
23	A dual role of the N-terminal FQQL motif in GLUT4 trafficking. <i>Biological Chemistry</i> , 2009 , 390, 883-92	4.5	9
22	Adenoviral vectors stimulate glucagon transcription in human mesenchymal stem cells expressing pancreatic transcription factors. <i>PLoS ONE</i> , 2012 , 7, e48093	3.7	9
21	The 45-kDa form of Pdx-1 does not result from post-translational modifications. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 225-9	3.4	7
20	Optimizing reporter constructs for in vivo bioluminescence imaging of interferon- β -stimulated mesenchymal stromal cells. <i>Experimental Hematology</i> , 2014 , 42, 793-803.e1	3.1	6
19	BMT decreases HFD-induced weight gain associated with decreased preadipocyte number and insulin secretion. <i>PLoS ONE</i> , 2017 , 12, e0175524	3.7	6
18	Highly efficient ex vivo lentiviral transduction of primary human pancreatic exocrine cells. <i>Scientific Reports</i> , 2019 , 9, 15870	4.9	4
17	Proline-rich Akt substrate of 40-kDa contains a nuclear export signal. <i>Cellular Signalling</i> , 2013 , 25, 1762-8.	4.9	4
16	Genome-Wide Association Study on the Early-Phase Insulin Response to a Liquid Mixed Meal: Results From the NEO Study. <i>Diabetes</i> , 2019 , 68, 2327-2336	0.9	3
15	Oxidative Stress Leads to β Cell Dysfunction Through Loss of β Cell Identity. <i>Frontiers in Immunology</i> , 2021 , 12, 690379	8.4	3
14	Stem cell-based islet replacement therapy in diabetes: A road trip that reached the clinic. <i>Cell Stem Cell</i> , 2021 , 28, 2044-2046	18	2
13	Long RNA Sequencing and Ribosome Profiling of Inflamed β Cells Reveal an Extensive Translatome Landscape. <i>Diabetes</i> , 2021 , 70, 2299-2312	0.9	2
12	Dichotomic role of heparanase in a murine model of metabolic syndrome. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 2771-2780	10.3	2
11	Organization and dynamics of the cortical complexes controlling insulin secretion in β cells.. <i>Journal of Cell Science</i> , 2022 ,	5.3	1
10	Proprotein convertase PCSK9 affects expression of key surface proteins in human pancreatic beta cells via intra- and extracellular regulatory circuits.. <i>Journal of Biological Chemistry</i> , 2022 , 102096	5.4	0
9	New medications for the treatment of diabetes. <i>Diabetes Technology and Therapeutics</i> , 2015 , 17 Suppl 1, S119-33	8.1	
8	PS2 - 3. The effect of INGAP, FGF7 and a GLP-1R agonist on the differentiation of primary human duct cells towards beta cells. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013 , 11, 137-138	0	
7	PS17 - 2. The CTRB1/2 locus encoding chymotrypsin is associated with diabetes risk and DPP-4 inhibitor treatment response via the incretin pathway. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013 , 11, 196-196	0	

- 6 PS18 - 3. Loss of beta-cell identity occurs in type 2 diabetes and is associated with islet amyloid depositions. *Nederlands Tijdschrift Voor Diabetologie*, **2013**, 11, 201-201 ○
- 5 PS18 - 87. Transdifferentiation of human beta-cells into alpha-cells. *Nederlands Tijdschrift Voor Diabetologie*, **2011**, 9, 151-151 ○
- 4 PS18 - 89. βcell adaptation is heterogeneous in response to insulin resistance. *Nederlands Tijdschrift Voor Diabetologie*, **2011**, 9, 152-152 ○
- 3 PL - 91. Protection of transplanted human beta-cell by genetic manipulation. *Nederlands Tijdschrift Voor Diabetologie*, **2011**, 9, 154-154 ○
- 2 PS2 - 8. Liraglutide decreases beta-cell mass in normoglycemic and high-fat diet-fed mice. *Nederlands Tijdschrift Voor Diabetologie*, **2012**, 10, 104-105 ○
- 1 402.1: Towards a GMP-Compliant Protocol for the Differentiation of Human Pluripotent Stem Cells to Beta-like Cells for the Treatment of Type 1 Diabetes.. *Transplantation*, **2021**, 105, S26 1.8