

Pauline Chabosseau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9938136/publications.pdf>

Version: 2024-02-01

27
papers

1,361
citations

430874

18
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposing effects on regulated insulin secretion of acute vs chronic stimulation of AMP-activated protein kinase. <i>Diabetologia</i> , 2022, 65, 997-1011.	6.3	4
2	Mitofusins <i>Mfn1</i> and <i>Mfn2</i> Are Required to Preserve Glucose- but Not Incretin-Stimulated β^2 -Cell Connectivity and Insulin Secretion. <i>Diabetes</i> , 2022, 71, 1472-1489.	0.6	14
3	Glucose-Dependent miR-125b Is a Negative Regulator of β^2 -Cell Function. <i>Diabetes</i> , 2022, 71, 1525-1545.	0.6	10
4	Importance of Both Imprinted Genes and Functional Heterogeneity in Pancreatic Beta Cells: Is There a Link?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1000.	4.1	10
5	Sexually dimorphic roles for the type 2 diabetes-associated <i>C2cd4b</i> gene in murine glucose homeostasis. <i>Diabetologia</i> , 2021, 64, 850-864.	6.3	7
6	Dysregulation of the <i>Pdx1/Ovol2/Zeb2</i> axis in dedifferentiated β^2 -cells triggers the induction of genes associated with epithelial-mesenchymal transition in diabetes. <i>Molecular Metabolism</i> , 2021, 53, 101248.	6.5	14
7	Intravital imaging of islet Ca^{2+} dynamics reveals enhanced β^2 cell connectivity after bariatric surgery in mice. <i>Nature Communications</i> , 2021, 12, 5165.	12.8	17
8	Loss of <i>ZnT8</i> function protects against diabetes by enhanced insulin secretion. <i>Nature Genetics</i> , 2019, 51, 1596-1606.	21.4	96
9	An essential role for the Zn^{2+} transporter <i>ZIP7</i> in B cell development. <i>Nature Immunology</i> , 2019, 20, 350-361.	14.5	92
10	Targeting GLP-1 receptor trafficking to improve agonist efficacy. <i>Nature Communications</i> , 2018, 9, 1602.	12.8	162
11	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic β^2 -Cells. <i>Diabetes</i> , 2018, 67, 385-399.	0.6	41
12	The β^2 -cell in diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2018, 14, 694-704.	9.6	103
13	Mice harboring the human <i>SLC30A8</i> R138X loss-of-function mutation have increased insulin secretory capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7642-E7649.	7.1	45
14	Neuronatin regulates pancreatic β^2 cell insulin content and secretion. <i>Journal of Clinical Investigation</i> , 2018, 128, 3369-3381.	8.2	47
15	Decreased <i>STARD10</i> Expression Is Associated with Defective Insulin Secretion in Humans and Mice. <i>American Journal of Human Genetics</i> , 2017, 100, 238-256.	6.2	60
16	The transcription factor <i>Pax6</i> is required for pancreatic β^2 cell identity, glucose-regulated ATP synthesis, and Ca^{2+} dynamics in adult mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 8892-8906.	3.4	48
17	Local and regional control of calcium dynamics in the pancreatic islet. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 30-41.	4.4	49
18	<i>SLC30A9</i> mutation affecting intracellular zinc homeostasis causes a novel cerebro-renal syndrome. <i>Brain</i> , 2017, 140, 928-939.	7.6	72

#	ARTICLE	IF	CITATIONS
19	Over-expression of Slc30a8/ZnT8 selectively in the mouse β cell impairs glucagon release and responses to hypoglycemia. <i>Nutrition and Metabolism</i> , 2016, 13, 46.	3.0	20
20	Changes in the expression of the type 2 diabetes-associated gene <i>VPS13C</i> in the β -cell are associated with glucose intolerance in humans and mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E488-E507.	3.5	21
21	Intracellular zinc in insulin secretion and action: a determinant of diabetes risk?. <i>Proceedings of the Nutrition Society</i> , 2016, 75, 61-72.	1.0	61
22	Zinc and diabetes. <i>Archives of Biochemistry and Biophysics</i> , 2016, 611, 79-85.	3.0	131
23	Disallowance of <i>Acot7</i> in β -Cells Is Required for Normal Glucose Tolerance and Insulin Secretion. <i>Diabetes</i> , 2016, 65, 1268-1282.	0.6	23
24	eZinCh-2: A Versatile, Genetically Encoded FRET Sensor for Cytosolic and Intraorganelle Zn ²⁺ Imaging. <i>ACS Chemical Biology</i> , 2015, 10, 2126-2134.	3.4	82
25	Dynamic imaging of compartmentalised intracellular free Zn ²⁺ concentrations in rat ventricular cardiomyocytes. <i>FASEB Journal</i> , 2015, 29, 951.3.	0.5	0
26	Mitochondrial and ER-Targeted eCALWY Probes Reveal High Levels of Free Zn ²⁺ . <i>ACS Chemical Biology</i> , 2014, 9, 2111-2120.	3.4	102
27	Divergent Effects of Liraglutide, Exendin-4, and Sitagliptin on Beta-Cell Mass and Indicators of Pancreatitis in a Mouse Model of Hyperglycaemia. <i>PLoS ONE</i> , 2014, 9, e104873.	2.5	28