Cristina Aguayo-Mazzucato

List of Publications by Year
in descending order

25 papers	1,687 citations	430442 18 h-index	676716 22 g-index
25 all docs	25 docs citations	25 times ranked	2763 citing authors

#	Article	IF	Citations
1	Acceleration of Î² Cell Aging Determines Diabetes and Senolysis Improves Disease Outcomes. Cell Metabolism, 2019, 30, 129-142.e4.	7.2	277
2	Pancreatic Î² Cell Regeneration as a Possible Therapy for Diabetes. Cell Metabolism, 2018, 27, 57-67.	7.2	172
3	Tissue-specific disallowance of housekeeping genes: The other face of cell differentiation. Genome Research, 2011, 21, 95-105.	2.4	163
4	Stem cell therapy for type 1 diabetes mellitus. Nature Reviews Endocrinology, 2010, 6, 139-148.	4.3	153
5	Î² Cell Aging Markers Have Heterogeneous Distribution and Are Induced by Insulin Resistance. Cell Metabolism, 2017, 25, 898-910.e5.	7.2	149
6	Thyroid Hormone Promotes Postnatal Rat Pancreatic Î²-Cell Development and Glucose-Responsive Insulin Secretion Through MAFA. Diabetes, 2013, 62, 1569-1580.	0.3	120
7	Understanding the growing epidemic of type 2 diabetes in the Hispanic population living in the United States. Diabetes/Metabolism Research and Reviews, 2019, 35, e3097.	1.7	115
8	Î²-cell dedifferentiation in diabetes is important, but what is it?. Islets, 2013, 5, 233-237.	0.9	102
9	Mice with a Targeted Deletion of the Type 2 Deiodinase Are Insulin Resistant and Susceptible to Diet Induced Obesity. PLoS ONE, 2011, 6, e20832.	1.1	74
10	Dynamic development of the pancreas from birth to adulthood. Upsala Journal of Medical Sciences, 2016, 121, 155-158.	0.4	52
11	Subpopulations of GFP-Marked Mouse Pancreatic Î²-Cells Differ in Size, Granularity, and Insulin Secretion. Endocrinology, 2012, 153, 5180-5187.	1.4	47
12	Functional changes in beta cells during ageing and senescence. Diabetologia, 2020, 63, 2022-2029.	2.9	41
13	MAFA and T3 Drive Maturation of Both Fetal Human Islets and Insulin-Producing Cells Differentiated From hESC. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3651-3659.	1.8	38
14	Genetic Disruption of SOD1 Gene Causes Glucose Intolerance and Impairs Î²-Cell Function. Diabetes, 2013, 62, 4201-4207.	0.3	34
15	Diabetes mellitus correlates with increased biological age as indicated by clinical biomarkers. GeroScience, 2022, 44, 415-427.	2.1	29
16	Unique Human and Mouse Î²-Cell Senescence-Associated Secretory Phenotype (SASP) Reveal Conserved Signaling Pathways and Heterogeneous Factors. Diabetes, 2021, 70, 1098-1116.	0.3	27
17	Effects of exercise on cellular and tissue aging. Aging, 2021, 13, 14522-14543.	1.4	27
18	PDX1 in Ducts Is Not Required for Postnatal Formation of Â-Cells but Is Necessary for Their Subsequent Maturation. Diabetes, 2013, 62, 3459-3468.	0.3	21

#	Article	IF	Citations
19	Pancreatic Î²-cell heterogeneity revisited. Nature, 2016, 535, 365-366.	13.7	18
20	T3 Induces Both Markers of Maturation and Aging in Pancreatic Î²-Cells. Diabetes, 2018, 67, 1322-1331.	0.3	14
21	Î²-cell senescence in type 2 diabetes. Aging, 2019, 11, 9967-9968.	1.4	7
22	Extracellular Nicotinamide Phosphoribosyltransferase Is a Component of the Senescence-Associated Secretory Phenotype. Frontiers in Endocrinology, 0, 13, .	1.5	5
23	Biological age in diabetes and precision medicine. Aging, 2022, 14, 4622-4623.	1.4	2
24	969-P: Diabetes Mellitus Is Associated with Increased Biological Age. Diabetes, 2021, 70, .	0.3	0
25	1163-P: Exercise as a Strategy to Decrease Pancreatic ÃŸ-Cell Senescence. Diabetes, 2021, 70, .	0.3	0