Senta Georgia

List of Publications by Citations

26 papers	1,402 citations	15 h-index	35 g-index
35 ext. papers	1,582 ext. citations	7.9 avg, IF	4.46 L-index

#	Paper	IF	Citations
26	Beta cell replication is the primary mechanism for maintaining postnatal beta cell mass. *Journal of Clinical Investigation*, **2004**, 114, 963-8	15.9	361
25	Pancreatic □cell identity is maintained by DNA methylation-mediated repression of Arx. *Developmental Cell*, **2011**, 20, 419-29	10.2	201
24	p57 and Hes1 coordinate cell cycle exit with self-renewal of pancreatic progenitors. *Developmental Biology*, **2006**, 298, 22-31	3.1	132
23	Congenital proprotein convertase 1/3 deficiency causes malabsorptive diarrhea and other endocrinopathies in a pediatric cohort. *Gastroenterology*, **2013**, 145, 138-148	13.3	107
22	p27 Regulates the transition of beta-cells from quiescence to proliferation. *Diabetes*, **2006**, 55, 2950-6	0.9	83
21	Essential role of Skp2-mediated p27 degradation in growth and adaptive expansion of pancreatic beta cells. *Journal of Clinical Investigation*, **2007**, 117, 2869-76	15.9	71
20	Cyclin D2 is essential for the compensatory beta-cell hyperplastic response to insulin resistance in rodents. *Diabetes*, **2010**, 59, 987-96	0.9	54
19	Inconsistent formation and nonfunction of insulin-positive cells from pancreatic endoderm derived from human embryonic stem cells in athymic nude rats. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E713-20	6	54
18	DNMT1 represses p53 to maintain progenitor cell survival during pancreatic organogenesis. *Genes and Development*, **2013**, 27, 372-7	12.6	51
17	Formation and regeneration of the endocrine pancreas. *Current Opinion in Cell Biology*, **2007**, 19, 634-45	9	51
16	Estrogen receptor □protects pancreatic □cells from apoptosis by preserving mitochondrial function and suppressing endoplasmic reticulum stress. *Journal of Biological Chemistry*, **2018**, 293, 4735-4751	5.4	41
15	Differential effects of prenatal and postnatal nutritional environment on □cell mass development and turnover in male and female rats. *Endocrinology*, **2010**, 151, 5647-56	4.8	34
14	Skp2 is required for incretin hormone-mediated □cell proliferation. *Molecular Endocrinology*, **2011**, 25, 2134-43		30
13	Fibroblast growth factor 10 alters the balance between goblet and Paneth cells in the adult mouse small intestine. *American Journal of Physiology - Renal Physiology*, **2015**, 308, G678-90	5.1	28
12	Neuropeptide Y expression marks partially differentiated □cells in mice and humans. *JCI Insight*, **2017**, 2,	9.9	23
11	Deletion of the mitochondrial flavoprotein apoptosis inducing factor (AIF) induces beta-cell apoptosis and impairs beta-cell mass. *PLoS ONE*, **2009**, 4, e4394	3.7	15
10	Null mutations of NEUROG3 are associated with delayed-onset diabetes mellitus. *JCI Insight*, **2020**, 5,	9.9	11

List of Publications

9	Gene Editing and Human Pluripotent Stem Cells: Tools for Advancing Diabetes Disease Modeling and Beta-Cell Development. *Current Diabetes Reports*, **2017**, 17, 116	5.6	9
8	Spike in Diabetic Ketoacidosis Rates in Pediatric Type 2 Diabetes During the COVID-19 Pandemic. *Diabetes Care*, **2021**, 44, 1451-1453	14.6	9
7	Cyclin D2 is sufficient to drive β cell self-renewal and regeneration. *Cell Cycle*, **2017**, 16, 2183-2191	4.7	8
6	Quantifying RANKL and OPG levels in healthy children: A large cross-sectional analysis. *Bone*, **2019**, 127, 215-219	4.7	6
5	The cellular regulators PTEN and BMI1 help mediate NEUROGENIN-3-induced cell cycle arrest. *Journal of Biological Chemistry*, **2019**, 294, 15182-15192	5.4	6
4	DNA Hydroxymethylation Regulates Beta-Cell Maturation and Expansion. *Diabetes*, **2018**, 67, 50-OR	0.9	2
3	Evaluating RANKL and OPG levels in patients with Duchenne muscular dystrophy. *Osteoporosis International*, **2019**, 30, 2283-2288	5.3	1
2	SARS-CoV2 infects pancreatic beta cells in vivo and induces cellular and subcellular disruptions that reflect beta cell dysfunction **2021**,		1
1	CRISPR-Cas9 Gene Editing Restores Beta-Cell Differentiation and Function in Patient-Specific iPSCs. *Diabetes*, **2018**, 67, 48-OR	0.9	