Avital Swisa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11395316/publications.pdf

Version: 2024-02-01

15 papers	1,455 citations	623734 14 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2711 citing authors

#	Article	IF	Citations
1	p16Ink4a-induced senescence of pancreatic beta cells enhances insulin secretion. Nature Medicine, 2016, 22, 412-420.	30.7	252
2	Small Extracellular Vesicles Are Key Regulators of Non-cell Autonomous Intercellular Communication in Senescence via the Interferon Protein IFITM3. Cell Reports, 2019, 27, 3956-3971.e6.	6.4	187
3	LKB1 Regulates Pancreatic Î² Cell Size, Polarity, and Function. Cell Metabolism, 2009, 10, 296-308.	16.2	143
4	Pancreatic Lkb1 Deletion Leads to Acinar Polarity Defects and Cystic Neoplasms. Molecular and Cellular Biology, 2008, 28, 2414-2425.	2.3	137
5	PAX6 maintains Î² cell identity by repressing genes of alternative islet cell types. Journal of Clinical Investigation, 2016, 127, 230-243.	8.2	126
6	Metabolic Stress and Compromised Identity of Pancreatic Beta Cells. Frontiers in Genetics, 2017, 08, 21.	2.3	120
7	AMPK Regulates ER Morphology and Function in Stressed Pancreatic Î²-Cells via Phosphorylation of DRP1. Molecular Endocrinology, 2013, 27, 1706-1723.	3.7	98
8	mTORC1-to-AMPK switching underlies Î² cell metabolic plasticity during maturation and diabetes. Journal of Clinical Investigation, 2019, 129, 4124-4137.	8.2	80
9	LKB1 and AMPK differentially regulate pancreatic Î²â€cell identity. FASEB Journal, 2014, 28, 4972-4985.	0.5	71
10	Dynamical compensation in physiological circuits. Molecular Systems Biology, 2016, 12, 886.	7.2	67
11	A Transgenic Mouse Marking Live Replicating Cells Reveals InÂVivo Transcriptional Program of Proliferation. Developmental Cell, 2012, 23, 681-690.	7.0	54
12	Pancreatic Î²-Cells Express the Fetal Islet Hormone Gastrin in Rodent and Human Diabetes. Diabetes, 2017, 66, 426-436.	0.6	47
13	Loss of Liver Kinase B1 (LKB1) in Beta Cells Enhances Glucose-stimulated Insulin Secretion Despite Profound Mitochondrial Defects. Journal of Biological Chemistry, 2015, 290, 20934-20946.	3.4	36
14	Conditional Hypovascularization and Hypoxia in Islets Do Not Overtly Influence Adult Î²-Cell Mass or Function. Diabetes, 2013, 62, 4165-4173.	0.6	23
15	miR-17-92 and miR-106b-25 clusters regulate beta cell mitotic checkpoint and insulin secretion in mice. Diabetologia, 2019, 62, 1653-1666.	6.3	14