

# Avital Swisa

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

1,455  
citations

623734

14  
h-index

996975

15  
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15  
all docs

15  
docs citations

15  
times ranked

2711  
citing authors

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