

# Sushil G Rane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3358761/publications.pdf>

Version: 2024-02-01

17  
papers

1,902  
citations

687363

13  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2783  
citing authors

#	ARTICLE	IF	CITATIONS
1	A distinct hypothalamus-to- $\beta$ cell circuit modulates insulin secretion. <i>Cell Metabolism</i> , 2022, 34, 285-298.e7.	16.2	29
2	TGF- $\beta$ Signaling in Pancreatic Islet $\beta$ Cell Development and Function. <i>Endocrinology</i> , 2021, 162, .	2.8	24
3	Protection from $\beta$ -cell apoptosis by inhibition of TGF- $\beta$ /Smad3 signaling. <i>Cell Death and Disease</i> , 2020, 11, 184.	6.3	39
4	Loss of Cyclin-dependent Kinase 2 in the Pancreas Links Primary $\beta$ -Cell Dysfunction to Progressive Depletion of $\beta$ -Cell Mass and Diabetes. <i>Journal of Biological Chemistry</i> , 2017, 292, 3841-3853.	3.4	41
5	Dietary fatty acids: Friends or foes?. <i>Obesity</i> , 2015, 23, 1329-1329.	3.0	1
6	Role of unique miRNAs in development of obesity and type 2 diabetes. <i>FASEB Journal</i> , 2012, 26, 563.1.	0.5	0
7	Feeding of probiotic formulation protects from obesity and diabetes. <i>FASEB Journal</i> , 2012, 26, 1155.4.	0.5	0
8	TGF- $\beta$ /Smad3 signaling inhibition protects from obesity and diabetes through modulation of adipocyte biology. <i>FASEB Journal</i> , 2012, 26, 877.6.	0.5	0
9	RB regulates pancreas development by stabilizing Pdx1. <i>EMBO Journal</i> , 2011, 30, 1563-1576.	7.8	27
10	The Cdk4-E2f1 pathway regulates early pancreas development by targeting Pdx1+ progenitors and Ngn3+ endocrine precursors. <i>Development (Cambridge)</i> , 2011, 138, 1903-1912.	2.5	41
11	Cdk4 Regulates Recruitment of Quiescent $\beta$ -Cells and Ductal Epithelial Progenitors to Reconstitute $\beta$ -Cell Mass. <i>PLoS ONE</i> , 2010, 5, e8653.	2.5	30
12	Transforming Growth Factor- $\beta$ /Smad3 Signaling Regulates Insulin Gene Transcription and Pancreatic Islet $\beta$ -Cell Function. <i>Journal of Biological Chemistry</i> , 2009, 284, 12246-12257.	3.4	138
13	Germ Line Transmission of the <i>Cdk4</i> <sup>R24C</sup> Mutation Facilitates Tumorigenesis and Escape from Cellular Senescence. <i>Molecular and Cellular Biology</i> , 2002, 22, 644-656.	2.3	168
14	Activation of the Jak3 pathway is associated with granulocytic differentiation of myeloid precursor cells. <i>Blood</i> , 2002, 100, 2753-2762.	1.4	25
15	Janus kinases: components of multiple signaling pathways. <i>Oncogene</i> , 2000, 19, 5662-5679.	5.9	423
16	IL-3 signaling and the role of Src kinases, JAKs and STATs: a covert liaison unveiled. <i>Oncogene</i> , 2000, 19, 2532-2547.	5.9	205
17	Loss of Cdk4 expression causes insulin-deficient diabetes and Cdk4 activation results in $\beta$ -islet cell hyperplasia. <i>Nature Genetics</i> , 1999, 22, 44-52.	21.4	711