

Sushil G Rane

List of Publications by Year in descending order

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