

Helena Edlund

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

5,748
citations

430874

18
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

5386
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin-promoter-factor 1 is required for pancreas development in mice. <i>Nature</i> , 1994, 371, 606-609.	27.8	1,712
2	Notch signalling controls pancreatic cell differentiation. <i>Nature</i> , 1999, 400, 877-881.	27.8	1,075
3	Independent requirement for ISL1 in formation of pancreatic mesenchyme and islet cells. <i>Nature</i> , 1997, 385, 257-260.	27.8	647
4	Pancreatic organogenesis "developmental mechanisms and implications for therapy. <i>Nature Reviews Genetics</i> , 2002, 3, 524-532.	16.3	453
5	The FFA receptor GPR40 links hyperinsulinemia, hepatic steatosis, and impaired glucose homeostasis in mouse. <i>Cell Metabolism</i> , 2005, 1, 245-258.	16.2	378
6	Pdx1 Maintains β Cell Identity and Function by Repressing an α Cell Program. <i>Cell Metabolism</i> , 2014, 19, 259-271.	16.2	325
7	Selective agenesis of the dorsal pancreas in mice lacking homeobox gene Hlxb9. <i>Nature Genetics</i> , 1999, 23, 67-70.	21.4	324
8	Attenuation of FGF signalling in mouse β -cells leads to diabetes. <i>Nature</i> , 2000, 408, 864-868.	27.8	208
9	Attenuated Wnt Signaling Perturbs Pancreatic Growth but Not Pancreatic Function. <i>Diabetes</i> , 2005, 54, 2844-2851.	0.6	137
10	The Type 2 Diabetes-Associated Gene <i>Id4</i> Is Required for Insulin Secretion and Suppression of α -Synuclein Levels in β -Cells. <i>Diabetes</i> , 2013, 62, 2004-2014.	0.6	90
11	Insulin-degrading enzyme prevents α -synuclein fibril formation in a nonproteolytical manner. <i>Scientific Reports</i> , 2015, 5, 12531.	3.3	88
12	PAN-AMPK activator O304 improves glucose homeostasis and microvascular perfusion in mice and type 2 diabetes patients. <i>JCI Insight</i> , 2018, 3, .	5.0	72
13	Hyperinsulinemia Enhances Hepatic Expression of the Fatty Acid Transporter Cd36 and Provokes Hepatosteatosis and Hepatic Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2015, 290, 19034-19043.	3.4	66
14	The 17,18-epoxyeicosatetraenoic acid-G protein-coupled receptor 40 axis ameliorates contact hypersensitivity by inhibiting neutrophil mobility in mice and cynomolgus macaques. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 470-484.e12.	2.9	55
15	<i>Mfng</i> Is Dispensable for Mouse Pancreas Development and Function. <i>Molecular and Cellular Biology</i> , 2009, 29, 2129-2138.	2.3	25
16	<i>Asna1</i> /TRC40 controls beta cell function and ER homeostasis by ensuring retrograde transport. <i>Diabetes</i> , 2015, 65, db150699.	0.6	25
17	α -Synuclein promotes IAPP fibril formation in vitro and β -cell amyloid formation in vivo in mice. <i>Scientific Reports</i> , 2020, 10, 20438.	3.3	25
18	Gastric Amylin Expression: Cellular Identity and Lack of Requirement for the Homeobox Protein PDX-1. A Study in Normal and PDX-1-Deficient Animals with a Cautionary Note on Antiserum Evaluation. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 973-980.	2.5	22

#	ARTICLE	IF	CITATIONS
19	AMPK activator O304 improves metabolic and cardiac function, and exercise capacity in aged mice. Communications Biology, 2021, 4, 1306.	4.4	9
20	The ATPase activity of Asna1/TRC40 is required for pancreatic progenitor cell survival. Development (Cambridge), 2018, 145, .	2.5	6
21	Pan-AMPK activator O304 prevents gene expression changes and remobilisation of histone marks in islets of diet-induced obese mice. Scientific Reports, 2021, 11, 24410.	3.3	6