

Xiangwei Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7607838/publications.pdf>

Version: 2024-02-01

62
papers

2,886
citations

257357

24
h-index

168321

53
g-index

63
all docs

63
docs citations

63
times ranked

3162
citing authors

#	ARTICLE	IF	CITATIONS
1	Î² Cells Can Be Generated from Endogenous Progenitors in Injured Adult Mouse Pancreas. <i>Cell</i> , 2008, 132, 197-207.	13.5	914
2	M2 macrophages promote beta-cell proliferation by up-regulation of SMAD7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1211-20.	3.3	267
3	No evidence for Î² cell neogenesis in murine adult pancreas. <i>Journal of Clinical Investigation</i> , 2013, 123, 2207-2217.	3.9	169
4	Endogenous Reprogramming of Alpha Cells into Beta Cells, Induced by Viral Gene Therapy, Reverses Autoimmune Diabetes. <i>Cell Stem Cell</i> , 2018, 22, 78-90.e4.	5.2	138
5	TGFÎ² Receptor Signaling Is Essential for Inflammation-Induced but Not Î²-Cell Workloadâ€“Induced Î²-Cell Proliferation. <i>Diabetes</i> , 2013, 62, 1217-1226.	0.3	97
6	Rapid and simplified purification of recombinant adeno-associated virus. <i>Journal of Virological Methods</i> , 2012, 183, 139-146.	1.0	91
7	Hypoglycemia Reduces Vascular Endothelial Growth Factor A Production by Pancreatic Beta Cells as a Regulator of Beta Cell Mass. <i>Journal of Biological Chemistry</i> , 2013, 288, 8636-8646.	1.6	85
8	Pancreatic duct cells as a source of VEGF in mice. <i>Diabetologia</i> , 2014, 57, 991-1000.	2.9	76
9	A Smad Signaling Network Regulates Islet Cell Proliferation. <i>Diabetes</i> , 2014, 63, 224-236.	0.3	64
10	Pancreatic cell tracing, lineage tagging and targeted genetic manipulations in multiple cell types using pancreatic ductal infusion of adeno-associated viral vectors and/or cell-tagging dyes. <i>Nature Protocols</i> , 2014, 9, 2719-2724.	5.5	64
11	FoxO1 Plays an Important Role in Regulating Î²-Cell Compensation for Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2016, 157, 1055-1070.	1.4	60
12	Autophagy protects pancreatic beta cell mass and function in the setting of a high-fat and high-glucose diet. <i>Scientific Reports</i> , 2017, 7, 16348.	1.6	57
13	Transient High Pressure in Pancreatic Ducts Promotes Inflammation and Alters Tight Junctions via Calcineurin Signaling in Mice. <i>Gastroenterology</i> , 2018, 155, 1250-1263.e5.	0.6	54
14	Chitinase-3-like 1 protein complexes modulate macrophage-mediated immune suppression in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	49
15	Intraislet Pancreatic Ducts Can Give Rise to Insulin-Positive Cells. <i>Endocrinology</i> , 2016, 157, 166-175.	1.4	42
16	Neurogenin3 Activation Is Not Sufficient to Direct Duct-to-Beta Cell Transdifferentiation in the Adult Pancreas. <i>Journal of Biological Chemistry</i> , 2013, 288, 25297-25308.	1.6	38
17	Concise Review: New Insights Into the Role of Macrophages in Î²-Cell Proliferation. <i>Stem Cells Translational Medicine</i> , 2015, 4, 655-658.	1.6	37
18	Beta Cells within Single Human Islets Originate from Multiple Progenitors. <i>PLoS ONE</i> , 2008, 3, e3559.	1.1	36

#	ARTICLE	IF	CITATIONS
19	Smad signaling pathways regulate pancreatic endocrine development. <i>Developmental Biology</i> , 2013, 378, 83-93.	0.9	32
20	Î±-Cells are dispensable in postnatal morphogenesis and maturation of mouse pancreatic islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1030-E1040.	1.8	32
21	SMAD3/Stat3 Signaling Mediates Î²-Cell Epithelial-Mesenchymal Transition in Chronic Pancreatitis-Related Diabetes. <i>Diabetes</i> , 2017, 66, 2646-2658.	0.3	31
22	Epidermal Growth Factor Receptor Signaling Regulates Î² Cell Proliferation in Adult Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 22630-22637.	1.6	30
23	Transient Suppression of TGFÎ² Receptor Signaling Facilitates Human Islet Transplantation. <i>Endocrinology</i> , 2016, 157, 1348-1356.	1.4	29
24	GLP-1/Exendin-4 induces Î²-cell proliferation via the epidermal growth factor receptor. <i>Scientific Reports</i> , 2017, 7, 9100.	1.6	29
25	A simplified purification method for AAV variant by polyethylene glycol aqueous two-phase partitioning. <i>Bioengineered</i> , 2013, 4, 103-106.	1.4	27
26	Ccg CreERT2 knockin mice as a tool for genetic manipulation in pancreatic alpha cells. <i>Diabetologia</i> , 2017, 60, 2399-2408.	2.9	27
27	Improved therapeutic effects on diabetic foot by human mesenchymal stem cells expressing MALAT1 as a sponge for microRNA-205-5p. <i>Aging</i> , 2019, 11, 12236-12245.	1.4	27
28	Targeted Inhibition of Pancreatic Acinar Cell Calcineurin Is a Novel Strategy to Prevent Post-ERCP Pancreatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 119-128.	2.3	25
29	Chronic hyperglycemia regulates microglia polarization through ERK5. <i>Aging</i> , 2019, 11, 697-706.	1.4	24
30	Suppression of microRNA-205-5p in human mesenchymal stem cells improves their therapeutic potential in treating diabetic foot disease. <i>Oncotarget</i> , 2017, 8, 52294-52303.	0.8	24
31	Forkhead Box Protein 1 (FoxO1) Inhibits Accelerated Î² Cell Aging in Pancreas-specific SMAD7 Mutant Mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 3456-3465.	1.6	22
32	The Protective Effects of Calcineurin on Pancreatitis in Mice Depend on the Cellular Source. <i>Gastroenterology</i> , 2020, 159, 1036-1050.e8.	0.6	19
33	Specific transduction and labeling of pancreatic ducts by targeted recombinant viral infusion into mouse pancreatic ducts. <i>Laboratory Investigation</i> , 2013, 93, 1241-1253.	1.7	18
34	Dynamic Imaging of Pancreatic Nuclear Factor Î²B (NF-Î²B) Activation in Live Mice Using Adeno-associated Virus (AAV) Infusion and Bioluminescence. <i>Journal of Biological Chemistry</i> , 2015, 290, 11309-11320.	1.6	15
35	The Role of the TGFÎ² Receptor Signaling Pathway in Adult Beta Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3136.	1.8	14
36	Asparagine Synthetase Is Highly Expressed at Baseline in the Pancreas Through Heightened PERK Signaling. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 1-13.	2.3	12

#	ARTICLE	IF	CITATIONS
37	Placental growth factor in beta cells plays an essential role in gestational beta-cell growth. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000921.	1.2	12
38	Beta Cell Regeneration in Adult Mice: Controversy Over the Involvement of Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 542-546.	0.6	11
39	Effect of Hypertriglyceridemia on Beta Cell Mass and Function in ApoC3 Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 14695-14705.	1.6	11
40	Evidence of a developmental origin of beta-cell heterogeneity using a dual lineage tracing technology. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	11
41	Prion protein is essential for diabetic retinopathy-associated neovascularization. <i>Angiogenesis</i> , 2018, 21, 767-775.	3.7	10
42	PNA lectin for purifying mouse acinar cells from the inflamed pancreas. <i>Scientific Reports</i> , 2016, 6, 21127.	1.6	8
43	The role of ORMDL3/ATF6 in compensated beta cell proliferation during early diabetes. <i>Aging</i> , 2019, 11, 2787-2796.	1.4	8
44	<scp>ERK</scp>5 plays an essential role in gestational betaâ€œcell proliferation. <i>Cell Proliferation</i> , 2018, 51, e12410.	2.4	7
45	Simplified Purification of AAV and Delivery to the Pancreas by Intraductal Administration. <i>Methods in Molecular Biology</i> , 2019, 1950, 373-387.	0.4	6
46	PlGF Reduction Compromises Angiogenesis in Diabetic Foot Disease Through Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 736153.	2.2	6
47	Barrier function of the coelomic epithelium in the developing pancreas. <i>Mechanisms of Development</i> , 2014, 134, 67-79.	1.7	3
48	Calpastatin Mediates Development of Alzheimerâ€™s Disease in Diabetes. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1051-1059.	1.2	3
49	Role of angiogenesis in beta-cell epithelialâ€œmesenchymal transition in chronic pancreatitis-induced diabetes. <i>Laboratory Investigation</i> , 2022, 102, 290-297.	1.7	3
50	Characterization of vaginal immune response to a polypropylene mesh: Diabetic vs. normoglycemic conditions. <i>Acta Biomaterialia</i> , 2022, 143, 310-319.	4.1	3
51	Polarized macrophages promote gestational beta cell growth through extracellular signalâ€œregulated kinase 5 signalling. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1721-1733.	2.2	3
52	Insulin-positive ductal cells do not migrate into preexisting islets during pregnancy. <i>Experimental and Molecular Medicine</i> , 2021, 53, 605-614.	3.2	2
53	Prolactin: An Effective Partner for Anti-CD3 in Treating Type 1 Diabetes. <i>Endocrinology</i> , 2016, 157, 39-41.	1.4	1
54	Viral Lineage Labeling of Pancreatic Ducts Identifies Duct-Derived Beta Cells in Adult Transgenic Mice. <i>Journal of the American College of Surgeons</i> , 2014, 219, S27.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Differential Mechanisms for Insulin-Positive Gene Expression in an Alpha Cell Line. Journal of the American College of Surgeons, 2015, 221, S90-S91.	0.2	0
56	Mo2013 Live, Dynamic Bioluminescent Imaging of Pancreatic NF-KB Activation in Mice Using Novel Gene Delivery via Intraductal Infusion of an Adeno-Associated Viral Reporter. Gastroenterology, 2015, 148, S-768.	0.6	0
57	14 “ Pancreatic and Hematopoietic Calcineurin Independently Mediate Pancreatic Local Injury and Distant Organ Damage During Acute Pancreatitis. Gastroenterology, 2019, 156, S-6.	0.6	0
58	Strategies to promote beta-cell replication and regeneration. , 2020, , 201-213.		0
59	OTME-20. Chitinase-3-like-1(CHI3L1) Protein Complexes Regulate the immunosuppressive Microenvironment in Glioblastoma. Neuro-Oncology Advances, 2021, 3, ii17-ii18.	0.4	0
60	Pancreatic Duct Infusion: An Effective and Selective Method of Drug and Viral Delivery. Journal of Visualized Experiments, 2021, , .	0.2	0
61	Islet Regeneration. , 2010, , 105-122.		0
62	TAMI-50. CHITINASE-3-LIKE-1 PROTEIN BINDING COMPLEXES REGULATE IMMUNE SUPPRESSION IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii224-ii224.	0.6	0