Juan Dominguez-Bendala

List of Publications by Year
in descending order

42 papers	1,730 citations	279798 23 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	2577 citing authors

#	Article	IF	Citations
1	Multipotent stem/progenitor cells in human biliary tree give rise to hepatocytes, cholangiocytes, and pancreatic islets. Hepatology, 2011, 54, 2159-2172.	7.3	283
2	Quantitative differential expression analysis reveals miR-7 as major islet microRNA. Biochemical and Biophysical Research Communications, 2008, 366, 922-926.	2.1	134
3	MicroRNA Expression in Alpha and Beta Cells of Human Pancreatic Islets. PLoS ONE, 2013, 8, e55064.	2.5	123
4	Single-cell resolution analysis of the human pancreatic ductal progenitor cell niche. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10876-10887.	7.1	109
5	Biliary tree stem cells, precursors to pancreatic committed progenitors: Evidence for possible life-long pancreatic organogenesis. Stem Cells, 2013, 31, 1966-1979.	3.2	99
6	TAT-Mediated Neurogenin 3 Protein Transduction Stimulates Pancreatic Endocrine Differentiation In Vitro. Diabetes, 2005, 54, 720-726.	0.6	77
7	Antisense miR-7 Impairs Insulin Expression in Developing Pancreas and in Cultured Pancreatic Buds. Cell Transplantation, 2012, 21, 1761-1774.	2.5	75
8	Generation of Glucose-Responsive, Insulin-Producing Cells from Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. Cell Transplantation, 2012, 21, 1321-1339.	2.5	67
9	Enhanced Oxygenation Promotes Î²-Cell Differentiation In Vitro. Stem Cells, 2007, 25, 3155-3164.	3.2	60
10	MicroRNA signature of the human developing pancreas. BMC Genomics, 2010, 11, 509.	2.8	59
11	BMP-7 Induces Adult Human Pancreatic Exocrine-to-Endocrine Conversion. Diabetes, 2015, 64, 4123-4134.	0.6	57
12	Pancreas tissue slices from organ donors enable in situ analysis of type 1 diabetes pathogenesis. JCI Insight, 2020, 5, .	5.0	53
13	P2RY1/ALK3-Expressing Cells within the Adult Human Exocrine Pancreas Are BMP-7 Expandable and Exhibit Progenitor-like Characteristics. Cell Reports, 2018, 22, 2408-2420.	6.4	47
14	Influence of In Vitro and In Vivo Oxygen Modulation on <i>Î²</i> Cell Differentiation From Human Embryonic Stem Cells. Stem Cells Translational Medicine, 2014, 3, 277-289.	3.3	38
15	Sodium Butyrate Activates Genes of Early Pancreatic Development in Embryonic Stem Cells. Cloning and Stem Cells, 2006, 8, 140-149.	2.6	37
16	Long-term culture of human pancreatic slices as a model to study real-time islet regeneration. Nature Communications, 2020, 11, 3265.	12.8	34
17	Oxygen: a master regulator of pancreatic development?. Biology of the Cell, 2009, 101, 431-440.	2.0	33
18	A Double Fail-Safe Approach to Prevent Tumorigenesis and Select Pancreatic Î² Cells from Human Embryonic Stem Cells. Stem Cell Reports, 2019, 12, 611-623.	4.8	32

#	Article	IF	Citations
19	Secretory Functions of Macrophages in the Human Pancreatic Islet Are Regulated by Endogenous Purinergic Signaling. Diabetes, 2020, 69, 1206-1218.	0.6	29
20	The Human Endocrine Pancreas: New Insights on Replacement and Regeneration. Trends in Endocrinology and Metabolism, 2016, 27, 153-162.	7.1	28
21	A Physiological Pattern of Oxygenation Using Perfluorocarbon-Based Culture Devices Maximizes Pancreatic Islet Viability and Enhances Î²-Cell Function. Cell Transplantation, 2013, 22, 1723-1733.	2.5	27
22	Stem cell-derived islet cells for transplantation. Current Opinion in Organ Transplantation, 2011, 16, 76-82.	1.6	26
23	Pancreatic Progenitors: There and Back Again. Trends in Endocrinology and Metabolism, 2019, 30, 4-11.	7.1	25
24	The Importance of Proper Oxygenation in 3D Culture. Frontiers in Bioengineering and Biotechnology, 2021, 9, 634403.	4.1	20
25	CADM1 is essential for KSHV-encoded vGPCR-and vFLIP-mediated chronic NF-Î°B activation. PLoS Pathogens, 2018, 14, e1006968.	4.7	19
26	The Role of MicroRNAs in Diabetes-Related Oxidative Stress. International Journal of Molecular Sciences, 2019, 20, 5423.	4.1	19
27	Present and future cell therapies for pancreatic beta cell replenishment. World Journal of Gastroenterology, 2012, 18, 6876.	3.3	18
28	Intra-Amniotic Soluble Endoglin Impairs Lung Development in Neonatal Rats. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 468-476.	2.9	15
29	TAT-Mediated Transduction of MafA Protein In Utero Results in Enhanced Pancreatic Insulin Expression and Changes in Islet Morphology. PLoS ONE, 2011, 6, e22364.	2.5	14
30	Emerging diabetes therapies: Bringing back the Î²-cells. Molecular Metabolism, 2022, 60, 101477.	6.5	13
31	Association between the Mediterranean Diet and Metabolic Syndrome with Serum Levels of miRNA in Morbid Obesity. Nutrients, 2021, 13, 436.	4.1	11
32	Article Commentary: Stem Cell Plasticity and Tissue Replacement. Cell Transplantation, 2005, 14, 423-425.	2.5	10
33	Protein Transduction: A Novel Approach to Induce In Vitro Pancreatic Differentiation. Cell Transplantation, 2006, 15, 85-90.	2.5	9
34	Intracardial Embryonic Delivery of Developmental Modifiers In Utero. Cold Spring Harbor Protocols, 2012, 2012, pdb.prot069427-pdb.prot069427.	0.3	6
35	Temporal single-cell regeneration studies: the greatest thing since sliced pancreas?. Trends in Endocrinology and Metabolism, 2021, 32, 433-443.	7.1	4
36	Pancreatic Development. , 2009, , 11-33.		3

#	Article	IF	Citations
37	Human pancreatic progenitors. , 2020, , 183-200.		2
38	Stem cell plasticity and tissue replacement. Cell Transplantation, 2005, 14, 423-5.	2.5	2
39	MicroRNAs in Pancreas and Islet Development. , 2015, , 401-418.		1
40	Development of Bioartificial Pancreas/Pancreas Organoids. , 2019, , 209-209.		0
41	Stem Cell Differentiation: General Approaches. , 2009, , 51-61.		0
42	Pancreatic Reprogramming. , 2013, , 155-168.		0