Jorge Ferrer

List of Publications by Year
in descending order

70 papers	8,470 citations	71102 41 h-index	88630 70 g-index
74 all docs	74 docs citations	74 times ranked	12271 citing authors

#	Article	IF	Citations
1	Early-onset type-ll diabetes mellitus (MODY4) linked to IPF1. Nature Genetics, 1997, 17, 138-139.	21.4	849
2	A map of open chromatin in human pancreatic islets. Nature Genetics, 2010, 42, 255-259.	21.4	515
3	Pancreatic Exocrine Duct Cells Give Rise to Insulin-Producing Î² Cells during Embryogenesis but Not after Birth. Developmental Cell, 2009, 17, 849-860.	7.0	428
4	Human Î² Cell Transcriptome Analysis Uncovers lncRNAs That Are Tissue-Specific, Dynamically Regulated, and Abnormally Expressed in Type 2 Diabetes. Cell Metabolism, 2012, 16, 435-448.	16.2	410
5	Beta Cell Hubs Dictate Pancreatic Islet Responses toÂGlucose. Cell Metabolism, 2016, 24, 389-401.	16.2	370
6	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	21.4	365
7	Macrosomia and Hyperinsulinaemic Hypoglycaemia in Patients with Heterozygous Mutations in the HNF4A Gene. PLoS Medicine, 2007, 4, e118.	8.4	349
8	Recessive mutations in a distal PTF1A enhancer cause isolated pancreatic agenesis. Nature Genetics, 2014, 46, 61-64.	21.4	255
9	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	21.4	250
10	GATA6 haploinsufficiency causes pancreatic agenesis in humans. Nature Genetics, 2012, 44, 20-22.	21.4	249
11	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. Nature Genetics, 2019, 51, 1137-1148.	21.4	208
12	Human Pancreatic Î² Cell lncRNAs Control Cell-Specific Regulatory Networks. Cell Metabolism, 2017, 25, 400-411.	16.2	195
13	TEAD and YAP regulate the enhancer network of human embryonic pancreatic progenitors. Nature Cell Biology, 2015, 17, 615-626.	10.3	188
14	Recessive mutations in the <i>INS</i> gene result in neonatal diabetes through reduced insulin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3105-3110.	7.1	185
15	The miRNA Profile of Human Pancreatic Islets and Beta-Cells and Relationship to Type 2 Diabetes Pathogenesis. PLoS ONE, 2013, 8, e55272.	2.5	178
16	Adult Duct-Lining Cells Can Reprogram into Î²-like Cells Able to Counter Repeated Cycles of Toxin-Induced Diabetes. Developmental Cell, 2013, 26, 86-100.	7.0	173
17	The chromatin regulator Brg1 suppresses formation of intraductal papillary mucinous neoplasm and pancreatic ductal adenocarcinoma. Nature Cell Biology, 2014, 16, 255-267.	10.3	172
18	Transient cytokine treatment induces acinar cell reprogramming and regenerates functional beta cell mass in diabetic mice. Nature Biotechnology, 2014, 32, 76-83.	17.5	159

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19	Derepression of Polycomb targets during pancreatic organogenesis allows insulin-producing beta-cells to adopt a neural gene activity program. Genome Research, 2010, 20, 722-732.	5.5	146
20	Hnf6 and Tcf2 (MODY5) are linked in a gene network operating in a precursor cell domain of the embryonic pancreas. Human Molecular Genetics, 2003, 12, 3307-3314.	2.9	139
21	Argonaute2 Mediates Compensatory Expansion of the Pancreatic Î² Cell. Cell Metabolism, 2014, 19, 122-134.	16.2	139
22	The Transcription Factor Hepatocyte Nuclear Factor-6 Controls the Development of Pancreatic Ducts in the Mouse. Gastroenterology, 2006, 130, 532-541.	1.3	131
23	Lineage fate of ductular reactions in liver injury and carcinogenesis. Journal of Clinical Investigation, 2015, 125, 2445-2457.	8.2	131
24	Characterization of pancreatic NMDA receptors as possible drug targets for diabetes treatment. Nature Medicine, 2015, 21, 363-372.	30.7	126
25	<i>Î²linc1</i> encodes a long noncoding RNA that regulates islet Î²-cell formation and function. Genes and Development, 2016, 30, 502-507.	5.9	125
26	Hepatic Nuclear Factor 1-Î± Directs Nucleosomal Hyperacetylation to Its Tissue-Specific Transcriptional Targets. Molecular and Cellular Biology, 2001, 21, 3234-3243.	2.3	124
27	Hnf1Î± (MODY3) Controls Tissue-Specific Transcriptional Programs and Exerts Opposed Effects on Cell Growth in Pancreatic Islets and Liver. Molecular and Cellular Biology, 2009, 29, 2945-2959.	2.3	122
28	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. Lancet Respiratory Medicine,the, 2019, 7, 227-238.	10.7	122
29	The zinc transporter ZIP12 regulates the pulmonary vascular response to chronic hypoxia. Nature, 2015, 524, 356-360.	27.8	113
30	<i>GATA4</i> Mutations Are a Cause of Neonatal and Childhood-Onset Diabetes. Diabetes, 2014, 63, 2888-2894.	0.6	108
31	PDX1 Deficiency Causes Mitochondrial Dysfunction and Defective Insulin Secretion through TFAM Suppression. Cell Metabolism, 2009, 10, 110-118.	16.2	102
32	Distinct Roles of HNF1 Î’ , HNF1 Î± , and HNF4 Î± in Regulating Pancreas Development, Î’ -Cell Function and Growth. Endocrine Development, 2007, 12, 33-45.	1.3	101
33	Selective disruption of Tcf7l2 in the pancreatic Î² cell impairs secretory function and lowers Î² cell mass. Human Molecular Genetics, 2015, 24, 1390-1399.	2.9	89
34	Canonical Notch2 signaling determines biliary cell fates of embryonic hepatoblasts and adult hepatocytes independent of Hes1. Hepatology, 2013, 57, 2469-2479.	7.3	85
35	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. Nature Communications, 2018, 9, 321.	12.8	85
36	The Transcription Factor ERG Regulates Super-Enhancers Associated With an Endothelial-Specific Gene Expression Program. Circulation Research, 2019, 124, 1337-1349.	4.5	73

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37	Pancreatic Islet Cells Express a Family of Inwardly Rectifying K+ Channel Subunits Which Interact to Form G-protein-activated Channels. Journal of Biological Chemistry, 1995, 270, 26086-26091.	3.4	72
38	Insights into beta cell regeneration for diabetes via integration of molecular landscapes in human insulinomas. Nature Communications, 2017, 8, 767.	12.8	67
39	Plasticity of Adult Human Pancreatic Duct Cells by Neurogenin3-Mediated Reprogramming. PLoS ONE, 2012, 7, e37055.	2.5	54
40	Cell Cycleâ€“Dependent Differentiation Dynamics Balances Growth and Endocrine Differentiation in the Pancreas. PLoS Biology, 2015, 13, e1002111.	5.6	53
41	A Loss-of-Function Splice Acceptor Variant in <i>IGF2</i> Is Protective for Type 2 Diabetes. Diabetes, 2017, 66, 2903-2914.	0.6	52
42	Epistasis of Transcriptomes Reveals Synergism between Transcriptional Activators Hnf1Î± and Hnf4Î±. PLoS Genetics, 2010, 6, e1000970.	3.5	47
43	Neuronatin regulates pancreatic Î² cell insulin content and secretion. Journal of Clinical Investigation, 2018, 128, 3369-3381.	8.2	47
44	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. Cell Reports, 2021, 37, 109807.	6.4	45
45	HNF1A recruits KDM6A to activate differentiated acinar cell programs that suppress pancreatic cancer. EMBO Journal, 2020, 39, e102808.	7.8	44
46	The FOXP1, FOXP2 and FOXP4 transcription factors are required for islet alpha cell proliferation and function in mice. Diabetologia, 2015, 58, 1836-1844.	6.3	41
47	MiRâ€184 expression is regulated by AMPK in pancreatic islets. FASEB Journal, 2018, 32, 2587-2600.	0.5	39
48	Transcriptional enhancers: functional insights and role in human disease. Current Opinion in Genetics and Development, 2015, 33, 71-76.	3.3	35
49	Molecular cloning and expression of novel sulphotransferase-like cDNAs from human and rat brain. Biochemical Journal, 2000, 346, 857.	3.7	33
50	Long Non-coding RNAs as Local Regulators of Pancreatic Islet Transcription Factor Genes. Frontiers in Genetics, 2018, 9, 524.	2.3	26
51	Functional Targets of the Monogenic Diabetes Transcription Factors HNF-1Î± and HNF-4Î± Are Highly Conserved Between Mice and Humans. Diabetes, 2009, 58, 1245-1253.	0.6	24
52	A Conditional Model Reveals That Induction of Hepatocyte Nuclear Factor-1Â in Hnf1Â-Null Mutant Â-Cells Can Activate Silenced Genes Postnatally, Whereas Overexpression Is Deleterious. Diabetes, 2006, 55, 2202-2211.	0.6	22
53	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. Human Molecular Genetics, 2016, 25, 2070-2081.	2.9	21
54	Targeted Deficiency of the Transcriptional Activator Hnf1Î± Alters Subnuclear Positioning of Its Genomic Targets. PLoS Genetics, 2008, 4, e1000079.	3.5	18

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55	Family and Population-Based Studies of Variation within the Ghrelin Receptor Locus in Relation to Measures of Obesity. PLoS ONE, 2010, 5, e10084.	2.5	18
56	Regulated Expression of Adenosine Triphosphate-Sensitive Potassium Channel Subunits in Pancreatic Â-Cells. Endocrinology, 2001, 142, 129-138.	2.8	17
57	REST is a major negative regulator of endocrine differentiation during pancreas organogenesis. Genes and Development, 2021, 35, 1229-1242.	5.9	13
58	A Novel -192c/g Mutation in the Proximal P2 Promoter of the Hepatocyte Nuclear Factor-4Â Gene (HNF4A) Associates With Late-Onset Diabetes. Diabetes, 2006, 55, 1869-1873.	0.6	12
59	Mapping Open Chromatin with Formaldehyde-Assisted Isolation of Regulatory Elements. Methods in Molecular Biology, 2011, 791, 287-296.	0.9	12
60	Loss of Arid1a and Pten in Pancreatic Ductal Cells Induces Intraductal Tubulopapillary Neoplasm via the YAP/TAZ Pathway. Gastroenterology, 2022, 163, 466-480.e6.	1.3	12
61	EuroDia: a beta-cell gene expression resource. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq024-baq024.	3.0	9
62	Integrative network analysis highlights biological processes underlying GLP-1 stimulated insulin secretion: A DIRECT study. PLoS ONE, 2018, 13, e0189886.	2.5	9
63	Concurrent Activation of Kras and Canonical Wnt Signaling Induces Premalignant Lesions That Progress to Extrahepatic Biliary Cancer in Mice. Cancer Research, 2022, 82, 1803-1817.	0.9	7
64	Glucose as a Mitogenic Hormone. Cell Metabolism, 2011, 13, 357-358.	16.2	6
65	Removing the Brakes on Cell Identity. Developmental Cell, 2011, 20, 411-412.	7.0	5
66	Can Insulin Production Suppress Î² Cell Growth?. Cell Metabolism, 2016, 23, 4-5.	16.2	4
67	<i>Hnf1b</i> -CreER causes efficient recombination of a Rosa26-RFP reporter in duct and islet Î´ cells. Islets, 2021, 13, 134-139.	1.8	4
68	Putting pancreatic cell plasticity to the test. Journal of Clinical Investigation, 2007, 117, 859-862.	8.2	4
69	Weaning Gives Î² Cells License to Regenerate. Developmental Cell, 2015, 32, 531-532.	7.0	2
70	The <i>cis</i> â€regulatory switchboard of pancreatic ductal cancer. EMBO Journal, 2016, 35, 558-560.	7.8	2