

Klaus H Kaestner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189
papers

12,046
citations

60
h-index

105
g-index

211
ext. papers

14,969
ext. citations

12.3
avg, IF

6.62
L-index

#	Paper	IF	Citations
189	Heterogenous impairment of β cell function in type 2 diabetes is linked to cell maturation state.. <i>Cell Metabolism</i> , 2022 , 34, 256-268.e5	24.6	4
188	Single-cell multi-omics analysis of human pancreatic islets reveals novel cellular states in type 1 diabetes.. <i>Nature Metabolism</i> , 2022 , 4, 284-299	14.6	2
187	β -Hydroxybutyrate suppresses colorectal cancer.. <i>Nature</i> , 2022 ,	50.4	5
186	Single-cell analysis of the human pancreas in type 2 diabetes using multi-spectral imaging mass cytometry. <i>Cell Reports</i> , 2021 , 37, 109919	10.6	3
185	Cancer stem cells: advances in biology and clinical translation-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	1
184	Offspring from trained male mice inherit improved muscle mitochondrial function through PPAR co-repressor modulation.. <i>Life Sciences</i> , 2021 , 291, 120239	6.8	
183	FoxA-dependent demethylation of DNA initiates epigenetic memory of cellular identity. <i>Developmental Cell</i> , 2021 , 56, 602-612.e4	10.2	7
182	FoxL1 mesenchymal cells are a critical source of Wnt5a for midgut elongation during mouse embryonic intestinal development. <i>Cells and Development</i> , 2021 , 165, 203662-203662		1
181	Single cell regulatory landscape of the mouse kidney highlights cellular differentiation programs and disease targets. <i>Nature Communications</i> , 2021 , 12, 2277	17.4	27
180	Highly multiplexed 2-dimensional imaging mass cytometry analysis of HBV-infected liver. <i>JCI Insight</i> , 2021 , 6,	9.9	4
179	Cochlear supporting cells require GAS2 for cytoskeletal architecture and hearing. <i>Developmental Cell</i> , 2021 , 56, 1526-1540.e7	10.2	1
178	Genetic activation of β cell glucokinase in mice causes enhanced glucose-suppression of glucagon secretion during normal and diabetic states. <i>Molecular Metabolism</i> , 2021 , 49, 101193	8.8	6
177	A FoxL1-CreERT-2A-tdTomato Mouse Labels Subepithelial Telocytes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 12, 1155-1158.e4	7.9	1
176	Tumor-infiltrating mast cells are associated with resistance to anti-PD-1 therapy. <i>Nature Communications</i> , 2021 , 12, 346	17.4	34
175	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. <i>Nature Medicine</i> , 2021 , 27, 66-72	50.5	11
174	Biphasic dynamics of beta cell mass in a mouse model of congenital hyperinsulinism: implications for type 2 diabetes. <i>Diabetologia</i> , 2021 , 64, 1133-1143	10.3	6
173	TCR/BCR dual-expressing cells and their associated public BCR clonotype are not enriched in type 1 diabetes. <i>Cell</i> , 2021 , 184, 827-839.e14	56.2	5

172	Highly Multiplexed Image Analysis of Intestinal Tissue Sections in Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021 , 161, 1940-1952	13.3	4
171	What is a β cell? - Chapter I in the Human Islet Research Network (HIRN) review series. <i>Molecular Metabolism</i> , 2021 , 53, 101323	8.8	4
170	Paternal Exercise Improves the Metabolic Health of Offspring via Epigenetic Modulation of the Germline.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	5
169	HDAC3 ensures stepwise epidermal stratification via NCoR/SMRT-reliant mechanisms independent of its histone deacetylase activity. <i>Genes and Development</i> , 2020 , 34, 973-988	12.6	8
168	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. <i>Nature Genetics</i> , 2020 , 52, 680-691	36.3	140
167	A negative reciprocal regulatory axis between cyclin D1 and HNF4 α modulates cell cycle progression and metabolism in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17177-17186	11.5	13
166	Collapse of the hepatic gene regulatory network in the absence of FoxA factors. <i>Genes and Development</i> , 2020 , 34, 1039-1050	12.6	12
165	Genetic Variation in Type 1 Diabetes Reconfigures the 3D Chromatin Organization of T Cells and Alters Gene Expression. <i>Immunity</i> , 2020 , 52, 257-274.e11	32.3	26
164	The Dynamic Chromatin Architecture of the Regenerating Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020 , 9, 121-143	7.9	20
163	A High-Content Screen Identifies MicroRNAs That Regulate Liver Repopulation After Injury in Mice. <i>Gastroenterology</i> , 2020 , 158, 1044-1057.e17	13.3	4
162	SARS-CoV-2 Cell Entry Factors ACE2 and TMPRSS2 Are Expressed in the Microvasculature and Ducts of Human Pancreas but Are Not Enriched in β Cells. <i>Cell Metabolism</i> , 2020 , 32, 1028-1040.e4	24.6	79
161	Single-cell transcriptomics of human islet ontogeny defines the molecular basis of β cell dedifferentiation in T2D. <i>Molecular Metabolism</i> , 2020 , 42, 101057	8.8	21
160	Organisation of the human pancreas in health and in diabetes. <i>Diabetologia</i> , 2020 , 63, 1966-1973	10.3	16
159	Islet transplantation in the subcutaneous space achieves long-term euglycaemia in preclinical models of type 1 diabetes. <i>Nature Metabolism</i> , 2020 , 2, 1013-1020	14.6	29
158	Hypermethylation of FOXA1 and allelic loss of PTEN drive squamous differentiation and promote heterogeneity in bladder cancer. <i>Oncogene</i> , 2020 , 39, 1302-1317	9.2	12
157	The dynamic methylome of islets in health and disease. <i>Molecular Metabolism</i> , 2019 , 27S, S25-S32	8.8	8
156	The role of T cell miRNAs for regulatory T cell induction in islet autoimmunity. <i>Molecular Metabolism</i> , 2019 , 27S, S122-S128	8.8	4
155	PRDM16 Maintains Homeostasis of the Intestinal Epithelium by Controlling Region-Specific Metabolism. <i>Cell Stem Cell</i> , 2019 , 25, 830-845.e8	18	27

154	Multiplexed In Situ Imaging Mass Cytometry Analysis of the Human Endocrine Pancreas and Immune System in Type 1 Diabetes. <i>Cell Metabolism</i> , 2019 , 29, 769-783.e4	24.6	96
153	NIH Initiative to Improve Understanding of the Pancreas, Islet, and Autoimmunity in Type 1 Diabetes: The Human Pancreas Analysis Program (HPAP). <i>Diabetes</i> , 2019 , 68, 1394-1402	0.9	31
152	The Intestinal Stem Cell Niche: A Central Role for Foxl1-Expressing Subepithelial Telocytes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 8, 111-117	7.9	27
151	Emerging diverse roles of telocytes. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	35
150	A Network of microRNAs Acts to Promote Cell Cycle Exit and Differentiation of Human Pancreatic Endocrine Cells. <i>IScience</i> , 2019 , 21, 681-694	6.1	15
149	Intra-islet glucagon signaling is critical for maintaining glucose homeostasis. <i>JCI Insight</i> , 2019 , 5,	9.9	53
148	Targeted demethylation at the CDKN1C/p57 locus induces human β cell replication. <i>Journal of Clinical Investigation</i> , 2019 , 129, 209-214	15.9	24
147	Genetic ablation of mammary ducts through foxa1 prevents breast cancer occurrence. <i>American Journal of Cancer Research</i> , 2019 , 9, 424-428	4.4	1
146	LXR agonism and Sorafenib treatment as novel combination therapy for hepatocellular carcinoma. <i>FASEB Journal</i> , 2019 , 33, 126.9	0.9	0
145	miRNA142-3p targets Tet2 and impairs Treg differentiation and stability in models of type 1 diabetes. <i>Nature Communications</i> , 2019 , 10, 5697	17.4	27
144	Single-Cell RNA-Seq of the Pancreatic Islets--a Promise Not yet Fulfilled?. <i>Cell Metabolism</i> , 2019 , 29, 539-546	24.6	52
143	Examining How the MAFB Transcription Factor Affects Islet β Cell Function Postnatally. <i>Diabetes</i> , 2019 , 68, 337-348	0.9	21
142	Sleeve Gastrectomy Improves Glycemia Independent of Weight Loss by Restoring Hepatic Insulin Sensitivity. <i>Diabetes</i> , 2018 , 67, 1079-1085	0.9	21
141	Overexpression of ST5, an activator of Ras, has no effect on β cell proliferation in adult mice. <i>Molecular Metabolism</i> , 2018 , 11, 212-217	8.8	3
140	A miRNA181a/NFAT5 axis links impaired T cell tolerance induction with autoimmune type 1 diabetes. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	37
139	Subepithelial telocytes are an important source of Wnts that supports intestinal crypts. <i>Nature</i> , 2018 , 557, 242-246	50.4	230
138	Combinatorial genetics in liver repopulation and carcinogenesis with a in vivo CRISPR activation platform. <i>Hepatology</i> , 2018 , 68, 663-676	11.2	36
137	Lipid malabsorption from altered hormonal signaling changes early gut microbial responses. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G580-G591	5.1	4

136	GABA and Artesunate Do Not Induce Pancreatic β -Cell Transdifferentiation In Vivo. <i>Cell Metabolism</i> , 2018 , 28, 787-792.e3	24.6	58
135	Pax6 regulation of in the mouse retinal pigmented epithelium controls its timely differentiation and choroid vasculature development. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	9
134	TRAP-seq identifies cystine/glutamate antiporter as a driver of recovery from liver injury. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2297-2309	15.9	19
133	FoxA1 and FoxA2 drive gastric differentiation and suppress squamous identity in NKX2-1-negative lung cancer. <i>ELife</i> , 2018 , 7,	8.9	29
132	Epigenetics and Epigenomics: Implications for Diabetes and Obesity. <i>Diabetes</i> , 2018 , 67, 1923-1931	0.9	72
131	Postnatal DNA demethylation and its role in tissue maturation. <i>Nature Communications</i> , 2018 , 9, 2040	17.4	34
130	The Dysregulation of the - Locus in Islets From Patients With Type 2 Diabetes Is Mimicked by Targeted Epimutation of Its Promoter With TALE-DNMT Constructs. <i>Diabetes</i> , 2018 , 67, 1807-1815	0.9	20
129	High-fidelity mouse line generated by CRISPR-Cas9 assisted gene targeting. <i>Molecular Metabolism</i> , 2017 , 6, 236-244	8.8	28
128	Functional and Metabolomic Consequences of K Channel Inactivation in Human Islets. <i>Diabetes</i> , 2017 , 66, 1901-1913	0.9	28
127	WNT10A mutation causes ectodermal dysplasia by impairing progenitor cell proliferation and KLF4-mediated differentiation. <i>Nature Communications</i> , 2017 , 8, 15397	17.4	58
126	Virgin Beta Cells Persist throughout Life at a Neogenic Niche within Pancreatic Islets. <i>Cell Metabolism</i> , 2017 , 25, 911-926.e6	24.6	129
125	Cytoplasmic chromatin triggers inflammation in senescence and cancer. <i>Nature</i> , 2017 , 550, 402-406	50.4	505
124	CREB coactivators CRTC2 and CRTC3 modulate bone marrow hematopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11739-11744	11.5	8
123	PTP4A1 promotes TGF β signaling and fibrosis in systemic sclerosis. <i>Nature Communications</i> , 2017 , 8, 1060	17.4	26
122	β Cells are not uniform after all-Novels insights into molecular heterogeneity of insulin-secreting cells. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19 Suppl 1, 147-152	6.7	18
121	Transcriptional Noise and Somatic Mutations in the Aging Pancreas. <i>Cell Metabolism</i> , 2017 , 26, 809-811	24.6	6
120	Epigenetic Analysis of Endocrine Cell Subtypes from Human Pancreatic Islets. <i>Methods in Molecular Biology</i> , 2017 , 1507, 95-111	1.4	
119	Epigenetic control of β cell function and failure. <i>Diabetes Research and Clinical Practice</i> , 2017 , 123, 24-36	7.4	23

118	LIM domain-binding 1 maintains the terminally differentiated state of pancreatic β cells. <i>Journal of Clinical Investigation</i> , 2017 , 127, 215-229	15.9	43
117	Pancreatic β cell identity requires continual repression of non- β cell programs. <i>Journal of Clinical Investigation</i> , 2017 , 127, 244-259	15.9	70
116	Reprogramming human gallbladder cells into insulin-producing β like cells. <i>PLoS ONE</i> , 2017 , 12, e0181812	3.7	18
115	Epigenetics in formation, function, and failure of the endocrine pancreas. <i>Molecular Metabolism</i> , 2017 , 6, 1066-1076	8.8	23
114	PAX6 maintains β cell identity by repressing genes of alternative islet cell types. <i>Journal of Clinical Investigation</i> , 2017 , 127, 230-243	15.9	77
113	Epigenetic regulation of intestinal stem cells by Tet1-mediated DNA hydroxymethylation. <i>Genes and Development</i> , 2016 , 30, 2433-2442	12.6	37
112	The next generation of target capture technologies - large DNA fragment enrichment and sequencing determines regional genomic variation of high complexity. <i>BMC Genomics</i> , 2016 , 17, 486	4.5	48
111	Human islets contain four distinct subtypes of β cells. <i>Nature Communications</i> , 2016 , 7, 11756	17.4	211
110	Foxa1 is essential for mammary duct formation. <i>Genesis</i> , 2016 , 54, 277-85	1.9	11
109	Single-Cell Transcriptomics of the Human Endocrine Pancreas. <i>Diabetes</i> , 2016 , 65, 3028-38	0.9	223
108	Integration of ATAC-seq and RNA-seq identifies human alpha cell and beta cell signature genes. <i>Molecular Metabolism</i> , 2016 , 5, 233-244	8.8	139
107	DNA Hypomethylation Contributes to Genomic Instability and Intestinal Cancer Initiation. <i>Cancer Prevention Research</i> , 2016 , 9, 534-46	3.2	57
106	Foxl1-expressing mesenchymal cells constitute the intestinal stem cell niche. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016 , 2, 175-188	7.9	147
105	The <i>de novo</i> DNA methyltransferase Dnmt3b compensates the Dnmt1-deficient intestinal epithelium. <i>ELife</i> , 2016 , 5,	8.9	42
104	Genetic lineage tracing analysis of the cell of origin of hepatotoxin-induced liver tumors in mice. <i>Hepatology</i> , 2016 , 64, 1163-1177	11.2	50
103	Fox transcription factors: from development to disease. <i>Development (Cambridge)</i> , 2016 , 143, 4558-4570	6.6	152
102	The Pioneer Transcription Factor FoxA Maintains an Accessible Nucleosome Configuration at Enhancers for Tissue-Specific Gene Activation. <i>Molecular Cell</i> , 2016 , 62, 79-91	17.6	202
101	The RNA polymerase III subunit Polr3b is required for the maintenance of small intestinal crypts in mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016 , 2, 783-795	7.9	5

100	Single-Cell Mass Cytometry Analysis of the Human Endocrine Pancreas. <i>Cell Metabolism</i> , 2016 , 24, 616-626	6.6	104
99	Spontaneous Pancreatitis Caused by Tissue-Specific Gene Ablation of in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015 , 1, 550-569	7.9	6
98	Epigenetic regulation of the intestinal epithelium. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4139-5610.3	10.3	30
97	Loss of FOXA1 Drives Sexually Dimorphic Changes in Urothelial Differentiation and Is an Independent Predictor of Poor Prognosis in Bladder Cancer. <i>American Journal of Pathology</i> , 2015 , 185, 1385-95	5.8	47
96	A genetic screen reveals Foxa3 and TNFR1 as key regulators of liver repopulation. <i>Genes and Development</i> , 2015 , 29, 904-9	12.6	21
95	An epigenomic road map for endoderm development. <i>Cell Stem Cell</i> , 2015 , 16, 343-4	18	6
94	Protein tyrosine phosphatase of liver regeneration-1 is required for normal timing of cell cycle progression during liver regeneration. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, G85-91	5.1	10
93	Aging-Dependent Demethylation of Regulatory Elements Correlates with Chromatin State and Improved Cell Function. <i>Cell Metabolism</i> , 2015 , 22, 619-32	24.6	129
92	Ablation of Foxl1-Cre-labeled hepatic progenitor cells and their descendants impairs recovery of mice from liver injury. <i>Gastroenterology</i> , 2015 , 148, 192-202.e3	13.3	52
91	The BisPCR(2) method for targeted bisulfite sequencing. <i>Epigenetics and Chromatin</i> , 2015 , 8, 27	5.8	26
90	The CREB/CRTC2 pathway modulates autoimmune disease by promoting Th17 differentiation. <i>Nature Communications</i> , 2015 , 6, 7216	17.4	22
89	Dnmt1 is essential to maintain progenitors in the perinatal intestinal epithelium. <i>Development (Cambridge)</i> , 2015 , 142, 2163-72	6.6	47
88	CREB pathway links PGE2 signaling with macrophage polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15642-7	11.5	148
87	Serine 133 phosphorylation is not required for hippocampal CREB-mediated transcription and behavior. <i>Learning and Memory</i> , 2015 , 22, 109-15	2.8	23
86	TALE-mediated epigenetic suppression of CDKN2A increases replication in human fibroblasts. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1998-2006	15.9	90
85	Transcriptional and epigenetic regulation in human islets. <i>Diabetologia</i> , 2014 , 57, 451-4	10.3	10
84	DNA methylation is required for the control of stem cell differentiation in the small intestine. <i>Genes and Development</i> , 2014 , 28, 652-64	12.6	134
83	Epigenetic regulation of the DLK1-MEG3 microRNA cluster in human type 2 diabetic islets. <i>Cell Metabolism</i> , 2014 , 19, 135-45	24.6	241

82	The origin, biology, and therapeutic potential of facultative adult hepatic progenitor cells. <i>Current Topics in Developmental Biology</i> , 2014 , 107, 269-92	5.3	25
81	FOXA1 deletion in luminal epithelium causes prostatic hyperplasia and alteration of differentiated phenotype. <i>Laboratory Investigation</i> , 2014 , 94, 726-39	5.9	30
80	CREB mediates the insulinotropic and anti-apoptotic effects of GLP-1 signaling in adult mouse β cells. <i>Molecular Metabolism</i> , 2014 , 3, 803-12	8.8	39
79	Islet-1 is essential for pancreatic β cell function. <i>Diabetes</i> , 2014 , 63, 4206-17	0.9	42
78	The organoid-initiating cells in mouse pancreas and liver are phenotypically and functionally similar. <i>Stem Cell Research</i> , 2014 , 13, 275-83	1.6	59
77	5-hydroxymethylcytosine represses the activity of enhancers in embryonic stem cells: a new epigenetic signature for gene regulation. <i>BMC Genomics</i> , 2014 , 15, 670	4.5	23
76	The transcription factor CREB has no non-redundant functions in hepatic glucose metabolism in mice. <i>Diabetologia</i> , 2014 , 57, 1242-8	10.3	19
75	The Missing linc(RNA) between the pancreatic β cell and diabetes. <i>Frontiers in Genetics</i> , 2014 , 5, 200	4.5	38
74	Activated FoxM1 attenuates streptozotocin-mediated β cell death. <i>Molecular Endocrinology</i> , 2014 , 28, 1435-47		13
73	The diabetes gene Hhex maintains β cell differentiation and islet function. <i>Genes and Development</i> , 2014 , 28, 829-34	12.6	78
72	A cisome roadmap for understanding pancreatic islet biology. <i>Nature Genetics</i> , 2014 , 46, 95-6	36.3	
71	Two novel type 2 diabetes loci revealed through integration of TCF7L2 DNA occupancy and SNP association data. <i>BMJ Open Diabetes Research and Care</i> , 2014 , 2, e000052	4.5	12
70	Betatrophin--promises fading and lessons learned. <i>Cell Metabolism</i> , 2014 , 20, 932-3	24.6	17
69	Impaired enteroendocrine development in intestinal-specific Islet1 mouse mutants causes impaired glucose homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G979-91	5.1	21
68	Metabolic memory of β cells controls insulin secretion and is mediated by CaMKII. <i>Molecular Metabolism</i> , 2014 , 3, 484-9	8.8	12
67	Apoptosis rate and transcriptional response of pancreatic islets exposed to the PPAR gamma agonist Pioglitazone. <i>Diabetology and Metabolic Syndrome</i> , 2013 , 5, 1	5.6	19
66	Dynamic recruitment of microRNAs to their mRNA targets in the regenerating liver. <i>BMC Genomics</i> , 2013 , 14, 264	4.5	52
65	CISH has no non-redundant functions in glucose homeostasis or beta cell proliferation during pregnancy in mice. <i>Diabetologia</i> , 2013 , 56, 2435-45	10.3	12

64	Epigenomic plasticity enables human pancreatic β cell reprogramming. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1275-84	15.9	294
63	Inherited mutations in the helicase RTEL1 cause telomere dysfunction and Hoyeraal-Hreidarsson syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3408-16	11.5	100
62	Foxa2 and H2A.Z mediate nucleosome depletion during embryonic stem cell differentiation. <i>Cell</i> , 2012 , 151, 1608-16	56.2	155
61	Following the cycle: finally, a transgenic mouse to sort live replicating cells. <i>Developmental Cell</i> , 2012 , 23, 676-7	10.2	
60	Epigenetic regulation of pancreas development and function. <i>Seminars in Cell and Developmental Biology</i> , 2012 , 23, 693-700	7.5	25
59	Foxa1 and Foxa2 are essential for sexual dimorphism in liver cancer. <i>Cell</i> , 2012 , 148, 72-83	56.2	249
58	Organogenesis and functional genomics of the endocrine pancreas. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 2109-23	10.3	9
57	Genome-wide location analysis reveals distinct transcriptional circuitry by paralogous regulators Foxa1 and Foxa2. <i>PLoS Genetics</i> , 2012 , 8, e1002770	6	32
56	Control of pancreatic β cell regeneration by glucose metabolism. <i>Cell Metabolism</i> , 2011 , 13, 440-449	24.6	229
55	The nucleosome map of the mammalian liver. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 742-6	17.6	69
54	On the origin of the liver. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4630-3	15.9	15
53	Foxa1 and Foxa2 maintain the metabolic and secretory features of the mature beta-cell. <i>Molecular Endocrinology</i> , 2010 , 24, 1594-604		82
52	FoxOs function synergistically to promote glucose production. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35245-8	5.4	126
51	Gut endocrine cell development. <i>Molecular and Cellular Endocrinology</i> , 2010 , 323, 70-5	4.4	81
50	The FoxA factors in organogenesis and differentiation. <i>Current Opinion in Genetics and Development</i> , 2010 , 20, 527-32	4.9	153
49	FoxF1 and FoxL1 link hedgehog signaling and the control of epithelial proliferation in the developing stomach and intestine. <i>Journal of Biological Chemistry</i> , 2009 , 284, 5936-44	5.4	100
48	The transcriptional response of the islet to pregnancy in mice. <i>Molecular Endocrinology</i> , 2009 , 23, 1702-12		121
47	Foxl1 is a marker of bipotential hepatic progenitor cells in mice. <i>Hepatology</i> , 2009 , 49, 920-9	11.2	104

46	The evolution of Fox genes and their role in development and disease. <i>Nature Reviews Genetics</i> , 2009 , 10, 233-40	30.1	435
45	CRTC2 (TORC2) contributes to the transcriptional response to fasting in the liver but is not required for the maintenance of glucose homeostasis. <i>Cell Metabolism</i> , 2009 , 10, 55-62	24.6	75
44	Jagged1 is a competitive inhibitor of Notch signaling in the embryonic pancreas. <i>Mechanisms of Development</i> , 2009 , 126, 687-99	1.7	38
43	Foxa1 and Foxa2 control the differentiation of goblet and enteroendocrine L- and D-cells in mice. <i>Gastroenterology</i> , 2009 , 137, 2052-62	13.3	99
42	Foxa1 and Foxa2 regulate bile duct development in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1537-45	15.9	105
41	A two-step pathway to resist fasting. <i>Cell Metabolism</i> , 2008 , 8, 449-51	24.6	2
40	Dynamic regulation of Pdx1 enhancers by Foxa1 and Foxa2 is essential for pancreas development. <i>Genes and Development</i> , 2008 , 22, 3435-48	12.6	213
39	Cis-regulatory modules in the mammalian liver: composition depends on strength of Foxa2 consensus site. <i>Nucleic Acids Research</i> , 2008 , 36, 4149-57	20.1	37
38	Foxl1-Cre BAC transgenic mice: a new tool for gene ablation in the gastrointestinal mesenchyme. <i>Genesis</i> , 2007 , 45, 518-22	1.9	16
37	Expansion of adult beta-cell mass in response to increased metabolic demand is dependent on HNF-4alpha. <i>Genes and Development</i> , 2007 , 21, 756-69	12.6	129
36	Impaired male fertility and atrophy of seminiferous tubules caused by haploinsufficiency for Foxa3. <i>Developmental Biology</i> , 2007 , 306, 636-45	3.1	30
35	SnapShot: forkhead transcription factors I. <i>Cell</i> , 2007 , 130, 1160	56.2	99
34	Forkhead transcription factors II. <i>Cell</i> , 2007 , 131, 192	56.2	90
33	Foxa2 controls vesicle docking and insulin secretion in mature Beta cells. <i>Cell Metabolism</i> , 2007 , 6, 267-72	24.6	66
32	Beta cell transplantation and immunosuppression: can't live with it, can't live without it. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2380-2	15.9	6
31	Of cilia and cysts: modeling pancreatic polycystic disease. <i>Gastroenterology</i> , 2006 , 130, 926-8	13.3	6
30	Novel genes identified by manual annotation and microarray expression analysis in the pancreas. <i>Genomics</i> , 2006 , 88, 752-761	4.3	6
29	Regeneration of Pancreatic Islets After Partial Pancreatectomy in Mice Does Not Involve the Reactivation of Neurogenin-3. <i>Diabetes</i> , 2006 , 55, 269-272	0.9	41

28	βCatenin: A Principal In-Vivo Mediator of HGF-induced Liver Growth. <i>FASEB Journal</i> , 2006 , 20, A1079	0.9	
27	The making of the liver: developmental competence in foregut endoderm and induction of the hepatogenic program. <i>Cell Cycle</i> , 2005 , 4, 1146-8	4.7	32
26	Foxa2 integrates the transcriptional response of the hepatocyte to fasting. <i>Cell Metabolism</i> , 2005 , 2, 141-8	24.6	132
25	Collecting new targets in MODY. <i>Cell Metabolism</i> , 2005 , 2, 342-4	24.6	1
24	Foxa2 is required for the differentiation of pancreatic alpha-cells. <i>Developmental Biology</i> , 2005 , 278, 484-95	3.1	152
23	The initiation of liver development is dependent on Foxa transcription factors. <i>Nature</i> , 2005 , 435, 944-7	50.4	429
22	Glucocorticoid receptor-dependent gene regulatory networks. <i>PLoS Genetics</i> , 2005 , 1, e16	6	170
21	Identification of transcriptional networks during liver regeneration. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3715-22	5.4	96
20	Compensatory roles of Foxa1 and Foxa2 during lung morphogenesis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13809-16	5.4	203
19	Foxa2 regulates alveolarization and goblet cell hyperplasia. <i>Development (Cambridge)</i> , 2004 , 131, 953-64	6.6	217
18	Mild nephrogenic diabetes insipidus caused by Foxa1 deficiency. <i>Journal of Biological Chemistry</i> , 2004 , 279, 41936-41	5.4	25
17	Clinical endocrinology and metabolism. Development of gut endocrine cells. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2004 , 18, 453-62	6.5	32
16	The mouse Forkhead Box m1 transcription factor is essential for hepatoblast mitosis and development of intrahepatic bile ducts and vessels during liver morphogenesis. <i>Developmental Biology</i> , 2004 , 276, 74-88	3.1	168
15	Foxa2 regulates multiple pathways of insulin secretion. <i>Journal of Clinical Investigation</i> , 2004 , 114, 512-20	25.9	125
14	Cellular and molecular mechanisms of carcinogenesis. <i>Hematology/Oncology Clinics of North America</i> , 2003 , 17, 361-376	3.1	
13	Transcriptional program of the endocrine pancreas in mice and humans. <i>Diabetes</i> , 2003 , 52, 1604-10	0.9	51
12	Generation of a conditionally null allele of hnf4alpha. <i>Genesis</i> , 2002 , 32, 130-3	1.9	35
11	The zinc-finger transcription factor Klf4 is required for terminal differentiation of goblet cells in the colon. <i>Development (Cambridge)</i> , 2002 , 129, 2619-2628	6.6	408

10	Fas-induced apoptosis in mouse hepatocytes is dependent on C/EBPbeta. <i>Hepatology</i> , 2001 , 33, 1166-72	11.2	13
9	Foxa3 (hepatocyte nuclear factor 3gamma) is required for the regulation of hepatic GLUT2 expression and the maintenance of glucose homeostasis during a prolonged fast. <i>Journal of Biological Chemistry</i> , 2001 , 276, 42812-7	5.4	79
8	Hepatocyte nuclear factor 3beta (Foxa2) is dispensable for maintaining the differentiated state of the adult hepatocyte. <i>Molecular and Cellular Biology</i> , 2000 , 20, 5175-83	4.8	118
7	The hepatocyte nuclear factor 3 (HNF3 or FOXA) family in metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2000 , 11, 281-5	8.8	140
6	Targeted disruption of the gene encoding hepatocyte nuclear factor 3gamma results in reduced transcription of hepatocyte-specific genes. <i>Molecular and Cellular Biology</i> , 1998 , 18, 4245-51	4.8	119
5	Expression of the gut-enriched Krüppel-like factor gene during development and intestinal tumorigenesis. <i>FEBS Letters</i> , 1997 , 419, 239-43	3.8	84
4	The HNF-3 gene family of transcription factors in mice: gene structure, cDNA sequence, and mRNA distribution. <i>Genomics</i> , 1994 , 20, 377-85	4.3	188
3	Discovery of 318 novel loci for type-2 diabetes and related micro- and macrovascular outcomes among 1.4 million participants in a multi-ethnic meta-analysis		13
2	Comparative analysis of commercially available single-cell RNA sequencing platforms for their performance in complex human tissues		12
1	Multimics single-cell analysis of human pancreatic islets reveals novel cellular states in health and type 1 diabetes		4