

Francois Pattou

List of Publications by Year in descending order

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Version: 2024-02-01

410
papers

33,603
citations

4641

85
h-index

4870

168
g-index

456
all docs

456
docs citations

456
times ranked

43202
citing authors

#	ARTICLE	IF	CITATIONS
1	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	9.4	1,982
2	High Prevalence of Obesity in Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Requiring Invasive Mechanical Ventilation. <i>Obesity</i> , 2020, 28, 1195-1199.	1.5	1,537
3	Variation in FTO contributes to childhood obesity and severe adult obesity. <i>Nature Genetics</i> , 2007, 39, 724-726.	9.4	1,390
4	The Lin28/let-7 Axis Regulates Glucose Metabolism. <i>Cell</i> , 2011, 147, 81-94.	13.5	812
5	Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. <i>PLoS Genetics</i> , 2011, 7, e1001324.	1.5	796
6	Improvement in Outcomes of Clinical Islet Transplantation: 1999–2010. <i>Diabetes Care</i> , 2012, 35, 1436-1445.	4.3	665
7	Bariatric Surgery Reduces Features of Nonalcoholic Steatohepatitis in Morbidly Obese Patients. <i>Gastroenterology</i> , 2015, 149, 379-388.	0.6	608
8	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010, 42, 142-148.	9.4	591
9	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. <i>Nature Genetics</i> , 2009, 41, 157-159.	9.4	585
10	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. <i>Nature</i> , 2012, 483, 350-354.	13.7	572
11	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. <i>Nature Genetics</i> , 2009, 41, 89-94.	9.4	540
12	Inhibition of the glucose transporter SGLT2 with dapagliflozin in pancreatic alpha cells triggers glucagon secretion. <i>Nature Medicine</i> , 2015, 21, 512-517.	15.2	536
13	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138.	9.4	501
14	Hypocalcemia following Thyroid Surgery: Incidence and Prediction of Outcome. <i>World Journal of Surgery</i> , 1998, 22, 718-724.	0.8	483
15	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. <i>Nature</i> , 2010, 463, 671-675.	13.7	476
16	Pancreatic islet enhancer clusters enriched in type 2 diabetes risk-associated variants. <i>Nature Genetics</i> , 2014, 46, 136-143.	9.4	475
17	Prospective Study of the Long-Term Effects of Bariatric Surgery on Liver Injury in Patients Without Advanced Disease. <i>Gastroenterology</i> , 2009, 137, 532-540.	0.6	440
18	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	1.5	419

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19	Human β Cell Transcriptome Analysis Uncovers lncRNAs That Are Tissue-Specific, Dynamically Regulated, and Abnormally Expressed in Type 2 Diabetes. <i>Cell Metabolism</i> , 2012, 16, 435-448.	7.2	410
20	Epigenome-wide association of DNA methylation markers in peripheral blood from Indian Asians and Europeans with incident type 2 diabetes: a nested case-control study. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 526-534.	5.5	396
21	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634.	0.3	335
22	In vivo expression and functional characterization of the zinc transporter ZnT8 in glucose-induced insulin secretion. <i>Journal of Cell Science</i> , 2006, 119, 4199-4206.	1.2	316
23	Efficacy and safety of one anastomosis gastric bypass versus Roux-en-Y gastric bypass for obesity (YOMEGA): a multicentre, randomised, open-label, non-inferiority trial. <i>Lancet</i> , 2019, 393, 1299-1309.	6.3	310
24	Bariatric Surgery Provides Long-term Resolution of Nonalcoholic Steatohepatitis and Regression of Fibrosis. <i>Gastroenterology</i> , 2020, 159, 1290-1301.e5.	0.6	310
25	Transcription Factor TCF7L2 Genetic Study in the French Population: Expression in Human β -Cells and Adipose Tissue and Strong Association With Type 2 Diabetes. <i>Diabetes</i> , 2006, 55, 2903-2908.	0.3	300
26	Variants of ENPP1 are associated with childhood and adult obesity and increase the risk of glucose intolerance and type 2 diabetes. <i>Nature Genetics</i> , 2005, 37, 863-867.	9.4	290
27	Increased Interleukin (IL)-1 β Messenger Ribonucleic Acid Expression in β -Cells of Individuals with Type 2 Diabetes and Regulation of IL-1 β in Human Islets by Glucose and Autostimulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4065-4074.	1.8	290
28	Postprandial macrophage-derived IL-1 β stimulates insulin, and both synergistically promote glucose disposal and inflammation. <i>Nature Immunology</i> , 2017, 18, 283-292.	7.0	286
29	Free Fatty Acids Induce a Proinflammatory Response in Islets via the Abundantly Expressed Interleukin-1 Receptor I. <i>Endocrinology</i> , 2009, 150, 5218-5229.	1.4	285
30	Farnesoid X receptor inhibits glucagon-like peptide-1 production by enteroendocrine L cells. <i>Nature Communications</i> , 2015, 6, 7629.	5.8	274
31	Long-Term GABA Administration Induces Alpha Cell-Mediated Beta-like Cell Neogenesis. <i>Cell</i> , 2017, 168, 73-85.e11.	13.5	259
32	MicroRNA-7a regulates pancreatic β cell function. <i>Journal of Clinical Investigation</i> , 2014, 124, 2722-2735.	3.9	251
33	Genome-Wide Association for Abdominal Subcutaneous and Visceral Adipose Reveals a Novel Locus for Visceral Fat in Women. <i>PLoS Genetics</i> , 2012, 8, e1002695.	1.5	245
34	The microRNA-200 family regulates pancreatic beta cell survival in type 2 diabetes. <i>Nature Medicine</i> , 2015, 21, 619-627.	15.2	236
35	Interleukin-6 regulates pancreatic β -cell mass expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13163-13168.	3.3	234
36	2008 Update From the Collaborative Islet Transplant Registry. <i>Transplantation</i> , 2008, 86, 1783-1788.	0.5	217

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37	Low copy number of the salivary amylase gene predisposes to obesity. <i>Nature Genetics</i> , 2014, 46, 492-497.	9.4	214
38	Proliferation of sorted human and rat beta cells. <i>Diabetologia</i> , 2007, 51, 91-100.	2.9	213
39	Influence of experience on performance of individual surgeons in thyroid surgery: prospective cross sectional multicentre study. <i>BMJ: British Medical Journal</i> , 2012, 344, d8041-d8041.	2.4	208
40	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. <i>Nature Genetics</i> , 2019, 51, 1137-1148.	9.4	208
41	Roux-en-Y Gastric Bypass Versus Adjustable Gastric Banding to Reduce Nonalcoholic Fatty Liver Disease. <i>Annals of Surgery</i> , 2014, 260, 893-899.	2.1	204
42	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	1.1	197
43	The kynurenine pathway is activated in human obesity and shifted toward kynurenine monooxygenase activation. <i>Obesity</i> , 2015, 23, 2066-2074.	1.5	196
44	MicroRNA-26a regulates insulin sensitivity and metabolism of glucose and lipids. <i>Journal of Clinical Investigation</i> , 2015, 125, 2497-2509.	3.9	195
45	Human Pancreatic β Cell lncRNAs Control Cell-Specific Regulatory Networks. <i>Cell Metabolism</i> , 2017, 25, 400-411.	7.2	195
46	Prevalence of obesity among adult inpatients with COVID-19 in France. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 562-564.	5.5	194
47	Expression of peroxisome proliferator-activated receptor β (PPAR β) in normal human pancreatic islet cells. <i>Diabetologia</i> , 2000, 43, 1165-1169.	2.9	183
48	MST1 is a key regulator of beta cell apoptosis and dysfunction in diabetes. <i>Nature Medicine</i> , 2014, 20, 385-397.	15.2	170
49	Persistent Infection of Human Pancreatic Islets by Coxsackievirus B Is Associated with Alpha Interferon Synthesis in β Cells. <i>Journal of Virology</i> , 2000, 74, 10153-10164.	1.5	166
50	Identification and Purification of Functional Human β -cells by a New Specific Zinc-fluorescent Probe. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 519-527.	1.3	147
51	Primary Graft Function, Metabolic Control, and Graft Survival After Islet Transplantation. <i>Diabetes Care</i> , 2009, 32, 1473-1478.	4.3	146
52	Effectiveness and limits of preoperative imaging studies for the localisation of pheochromocytomas and paragangliomas: a review of 282 cases. <i>The European Journal of Surgery</i> , 2003, 164, 23-28.	1.0	142
53	1,25-Dihydroxyvitamin D ₃ Protects RINm5F and Human Islet Cells against Cytokine-Induced Apoptosis: Implication of the Antiapoptotic Protein A20. <i>Endocrinology</i> , 2002, 143, 4809-4819.	1.4	140
54	Noninvasive imaging of insulinomas and gastrinomas with endoscopic ultrasonography and somatostatin receptor scintigraphy. <i>Surgery</i> , 1998, 124, 1134-1144.	1.0	139

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55	Bariatric and metabolic surgery during and after the COVID-19 pandemic: DSS recommendations for management of surgical candidates and postoperative patients and prioritisation of access to surgery. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 640-648.	5.5	139
56	The Evolution of Severe Steatosis After Bariatric Surgery Is Related to Insulin Resistance. <i>Gastroenterology</i> , 2006, 130, 1617-1624.	0.6	136
57	Supernumerary Parathyroid Glands: Frequency and Surgical Significance in Treatment of Renal Hyperparathyroidism. <i>World Journal of Surgery</i> , 2000, 24, 1330-1334.	0.8	134
58	Advances in β -cell replacement therapy for the treatment of type 1 diabetes. <i>Lancet</i> , The, 2019, 394, 1274-1285.	6.3	134
59	Islet transplantation versus insulin therapy in patients with type 1 diabetes with severe hypoglycaemia or poorly controlled glycaemia after kidney transplantation (TRIMECO): a multicentre, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 527-537.	5.5	129
60	1,25-dihydroxyvitamin D3 protects human pancreatic islets against cytokine-induced apoptosis via down-regulation of the fas receptor. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 151-159.	2.2	126
61	Transient receptor potential melastatin-related 7 channel is overexpressed in human pancreatic ductal adenocarcinomas and regulates human pancreatic cancer cell migration. <i>International Journal of Cancer</i> , 2012, 131, E851-61.	2.3	124
62	Adenovirus-mediated catalase gene transfer reduces oxidant stress in human, porcine and rat pancreatic islets. <i>Diabetologia</i> , 1998, 41, 1093-1100.	2.9	123
63	Interleukin-33-Activated Islet-Resident Innate Lymphoid Cells Promote Insulin Secretion through Myeloid Cell Retinoic Acid Production. <i>Immunity</i> , 2017, 47, 928-942.e7.	6.6	123
64	Metformin interferes with bile acid homeostasis through AMPK-FXR crosstalk. <i>Journal of Clinical Investigation</i> , 2014, 124, 1037-1051.	3.9	121
65	Performance of Biomarkers FibroTest, ActiTest, SteatoTest, and NashTest in Patients with Severe Obesity: Meta Analysis of Individual Patient Data. <i>PLoS ONE</i> , 2012, 7, e30325.	1.1	117
66	Epithelial-Mesenchymal Transition in Cells Expanded In Vitro from Lineage-Traced Adult Human Pancreatic Beta Cells. <i>PLoS ONE</i> , 2009, 4, e6417.	1.1	113
67	GLP-1 Receptor Scanning for Imaging of Human Beta Cells Transplanted in Muscle. <i>New England Journal of Medicine</i> , 2010, 363, 1289-1290.	13.9	112
68	Long-Term Survival After Adrenalectomy for Stage I/II Adrenocortical Carcinoma (ACC): A Retrospective Comparative Cohort Study of Laparoscopic Versus Open Approach. <i>Annals of Surgical Oncology</i> , 2014, 21, 284-291.	0.7	108
69	Loss-of-function mutations in SIM1 contribute to obesity and Prader-Willi-like features. <i>Journal of Clinical Investigation</i> , 2013, 123, 3037-3041.	3.9	105
70	E2F1 mediates sustained lipogenesis and contributes to hepatic steatosis. <i>Journal of Clinical Investigation</i> , 2015, 126, 137-150.	3.9	104
71	Identification of a SIRT1 Mutation in a Family with Type 1 Diabetes. <i>Cell Metabolism</i> , 2013, 17, 448-455.	7.2	103
72	Rapid and Body Weight-Independent Improvement of Endothelial and High-Density Lipoprotein Function After Roux-en-Y Gastric Bypass. <i>Circulation</i> , 2015, 131, 871-881.	1.6	103

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73	PDX1 Deficiency Causes Mitochondrial Dysfunction and Defective Insulin Secretion through TFAM Suppression. <i>Cell Metabolism</i> , 2009, 10, 110-118.	7.2	102
74	Peroxisome Proliferator-Activated Receptor α Improves Pancreatic Adaptation to Insulin Resistance in Obese Mice and Reduces Lipotoxicity in Human Islets. <i>Diabetes</i> , 2006, 55, 1605-1613.	0.3	100
75	Inflammation is associated with a decrease of lipogenic factors in omental fat in women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1-R7.	0.9	100
76	PCSK9 is expressed in pancreatic β -cells and does not alter insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1288-1293.	1.0	96
77	Tryptophan metabolism activation by indoleamine 2,3-dioxygenase in adipose tissue of obese women: an attempt to maintain immune homeostasis and vascular tone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R135-R143.	0.9	95
78	Heterozygous Mutations Causing Partial Prohormone Convertase 1 Deficiency Contribute to Human Obesity. <i>Diabetes</i> , 2012, 61, 383-390.	0.3	94
79	Prevalence of Loss-of-Function FTO Mutations in Lean and Obese Individuals. <i>Diabetes</i> , 2010, 59, 311-318.	0.3	93
80	Continuous Glucose Monitoring after Islet Transplantation in Type 1 Diabetes: An Excellent Graft Function (β -Score Greater Than 7) Is Required to Abrogate Hyperglycemia, Whereas a Minimal Function Is Necessary to Suppress Severe Hypoglycemia (β -Score Greater Than 3). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E2078-E2083.	1.8	93
81	Bile Diversion in Roux-en-Y Gastric Bypass Modulates Sodium-Dependent Glucose Intestinal Uptake. <i>Cell Metabolism</i> , 2016, 23, 547-553.	7.2	93
82	Preoperative Weight Loss with Intra-gastric Balloon Decreases the Risk of Significant Adverse Outcomes of Laparoscopic Gastric Bypass in Super-Super Obese Patients. <i>Obesity Surgery</i> , 2012, 22, 777-782.	1.1	90
83	Long-term Follow-up of MEN1 Patients Who Do Not Have Initial Surgery for Small ≤ 2 cm Nonfunctioning Pancreatic Neuroendocrine Tumors, an AFCE and GTE Study. <i>Annals of Surgery</i> , 2018, 268, 158-164.	2.1	89
84	Adult human cytokeratin 19-positive cells reexpress insulin promoter factor 1 in vitro: further evidence for pluripotent pancreatic stem cells in humans. <i>Diabetes</i> , 2000, 49, 1671-1680.	0.3	88
85	Analgesic efficacy of bilateral superficial cervical plexus block administered before thyroid surgery under general anaesthesia. <i>British Journal of Anaesthesia</i> , 2007, 99, 561-566.	1.5	88
86	Predictive Factors for Rhabdomyolysis after Bariatric Surgery. <i>Obesity Surgery</i> , 2006, 16, 1365-1370.	1.1	86
87	The DPP-4 Inhibitor Linagliptin Restores β -Cell Function and Survival in Human Isolated Islets Through GLP-1 Stabilization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1163-E1172.	1.8	86
88	Serum Galectin-1 and Galectin-3 Levels in Benign and Malignant Nodular Thyroid Disease. <i>Thyroid</i> , 2008, 18, 705-712.	2.4	83
89	Validation of noninvasive biomarkers (FibroTest, SteatoTest, and NashTest) for prediction of liver injury in patients with morbid obesity. <i>European Journal of Gastroenterology and Hepatology</i> , 2011, 23, 499-506.	0.8	82
90	Exome-Wide Association Study on Alanine Aminotransferase Identifies Sequence Variants in the GPAM and APOE Associated With Fatty Liver Disease. <i>Gastroenterology</i> , 2021, 160, 1634-1646.e7.	0.6	82

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91	The nuclear receptor FXR is expressed in pancreatic β -cells and protects human islets from lipotoxicity. <i>FEBS Letters</i> , 2010, 584, 2845-2851.	1.3	80
92	Defining outcomes for β -cell replacement therapy in the treatment of diabetes: a consensus report on the IGLS criteria from the IPITA/EPITA opinion leaders workshop. <i>Transplant International</i> , 2018, 31, 343-352.	0.8	80
93	Gabapentin Attenuates Late but Not Early Postoperative Pain After Thyroidectomy with Superficial Cervical Plexus Block. <i>Anesthesia and Analgesia</i> , 2008, 107, 1720-1725.	1.1	79
94	Radionuclide scanning in parathyroid diseases. <i>British Journal of Surgery</i> , 2003, 85, 1605-1616.	0.1	77
95	Glucotoxicity Inhibits Late Steps of Insulin Exocytosis. <i>Endocrinology</i> , 2007, 148, 1605-1614.	1.4	76
96	Ten-Year Outcome of Islet Alone or Islet After Kidney Transplantation in Type 1 Diabetes: A Prospective Parallel-Arm Cohort Study. <i>Diabetes Care</i> , 2019, 42, 2042-2049.	4.3	76
97	Defining Outcomes for β -cell Replacement Therapy in the Treatment of Diabetes. <i>Transplantation</i> , 2018, 102, 1479-1486.	0.5	75
98	Endoplasmic Reticulum Stress Links Oxidative Stress to Impaired Pancreatic Beta-Cell Function Caused by Human Oxidized LDL. <i>PLoS ONE</i> , 2016, 11, e0163046.	1.1	75
99	Intraoperative decay profile of intact (1-84) parathyroid hormone in surgery for renal hyperparathyroidism—a consecutive series of 80 patients. <i>Surgery</i> , 2000, 128, 1029-1034.	1.0	74
100	Disruption of a Novel Krüppel-like Transcription Factor p300-regulated Pathway for Insulin Biosynthesis Revealed by Studies of the c.-331 INS Mutation Found in Neonatal Diabetes Mellitus. <i>Journal of Biological Chemistry</i> , 2011, 286, 28414-28424.	1.6	72
101	Molecular Screening for a Personalized Treatment Approach in Advanced Adrenocortical Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4080-4088.	1.8	72
102	Perspectives on Treatment for Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2016, 150, 1835-1848.	0.6	71
103	Inflammatory Role of Toll-Like Receptors in Human and Murine Adipose Tissue. <i>Mediators of Inflammation</i> , 2010, 2010, 1-9.	1.4	70
104	Peroxisomal β -oxidation acts as a sensor for intracellular fatty acids and regulates lipolysis. <i>Nature Metabolism</i> , 2021, 3, 1648-1661.	5.1	70
105	TCF7L2 splice variants have distinct effects on β -cell turnover and function. <i>Human Molecular Genetics</i> , 2011, 20, 1906-1915.	1.4	69
106	Adenylyl cyclase 8 is central to glucagon-like peptide 1 signalling and effects of chronically elevated glucose in rat and human pancreatic beta cells. <i>Diabetologia</i> , 2011, 54, 390-402.	2.9	69
107	2007 Update on Allogeneic Islet Transplantation from the Collaborative Islet Transplant Registry (CITR). <i>Cell Transplantation</i> , 2009, 18, 753-767.	1.2	68
108	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. <i>Cell Metabolism</i> , 2019, 30, 754-767.e9.	7.2	67

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109	Non-esterified fatty acids are deleterious for human pancreatic islet function at physiological glucose concentration. <i>Diabetologia</i> , 2004, 47, 463-469.	2.9	66
110	Poorly differentiated thyroid carcinomas: application of the <sc>T</sc>urin proposal provides prognostic results similar to those from the assessment of high-grade features. <i>Histopathology</i> , 2014, 64, 263-273.	1.6	66
111	Increased Hepatic PDGF-AA Signaling Mediates Liver Insulin Resistance in Obesity-Associated Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1310-1321.	0.3	64
112	Intragastric Balloon for Preoperative Weight Reduction in Candidates for Laparoscopic Gastric Bypass with Massive Obesity. <i>Obesity Surgery</i> , 2006, 16, 147-150.	1.1	63
113	The histone demethylase Phf2 acts as a molecular checkpoint to prevent NAFLD progression during obesity. <i>Nature Communications</i> , 2018, 9, 2092.	5.8	63
114	The PACAP-Regulated Gene Selenoprotein T Is Abundantly Expressed in Mouse and Human β -Cells and Its Targeted Inactivation Impairs Glucose Tolerance. <i>Endocrinology</i> , 2013, 154, 3796-3806.	1.4	62
115	Influence of Roux-en-Y gastric bypass on plasma bile acid profiles: a comparative study between rats, pigs and humans. <i>International Journal of Obesity</i> , 2016, 40, 1260-1267.	1.6	61
116	Human Adipose Tissue Macrophages Display Activation of Cancer-related Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 21904-21913.	1.6	60
117	TCF7L2 rs7903146 impairs islet function and morphology in non-diabetic individuals. <i>Diabetologia</i> , 2012, 55, 2677-2681.	2.9	60
118	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. <i>American Journal of Human Genetics</i> , 2017, 100, 238-256.	2.6	60
119	Glucose-Dependent Insulinotropic Peptide Stimulates Glucagon-Like Peptide 1 Production by Pancreatic Islets via Interleukin 6, Produced by β Cells. <i>Gastroenterology</i> , 2016, 151, 165-179.	0.6	59
120	Performance of 18F-FDG PET/CT in the Characterization of Adrenal Masses in Noncancer Patients: A Prospective Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2465-2472.	1.8	59
121	Hepatic <i>DPP4</i> DNA Methylation Associates With Fatty Liver. <i>Diabetes</i> , 2017, 66, 25-35.	0.3	59
122	Upgrading Pretransplant Human Islet Culture Technology Requires Human Serum Combined With Media Renewal. <i>Transplantation</i> , 2010, 89, 1154-1160.	0.5	56
123	Proteasomal degradation of retinoid X receptor β reprograms transcriptional activity of PPAR β in obese mice and humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 1454-1468.	3.9	56
124	Contribution of adenoviral-mediated superoxide dismutase gene transfer to the reduction in nitric oxide-induced cytotoxicity on human islets and INS-1 insulin-secreting cells. <i>Diabetologia</i> , 2000, 43, 625-631.	2.9	55
125	Beneficial effect of 1,25 dihydroxyvitamin D3 on cytokine-treated human pancreatic islets. <i>Journal of Endocrinology</i> , 2001, 169, 161-168.	1.2	55
126	PPAR β Activation Induces Enteroendocrine L Cell GLP-1 Production. <i>Gastroenterology</i> , 2011, 140, 1564-1574.	0.6	55

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127	Cell-Specific Dysregulation of MicroRNA Expression in Obese White Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2821-2833.	1.8	55
128	Expression and functional assessment of candidate type 2 diabetes susceptibility genes identify four new genes contributing to human insulin secretion. <i>Molecular Metabolism</i> , 2017, 6, 459-470.	3.0	55
129	Physiologic correlates of dyspnea in patients with morbid obesity. <i>International Journal of Obesity</i> , 2007, 31, 700-706.	1.6	54
130	Loss-of-function mutations in MRAP2 are pathogenic in hyperphagic obesity with hyperglycemia and hypertension. <i>Nature Medicine</i> , 2019, 25, 1733-1738.	15.2	54
131	Degradation of cAMP-Responsive Element-Binding Protein by the Ubiquitin-Proteasome Pathway Contributes to Glucotoxicity in β -Cells and Human Pancreatic Islets. <i>Diabetes</i> , 2009, 58, 1105-1115.	0.3	53
132	GATA6 inactivating mutations are associated with heart defects and, inconsistently, with pancreatic agenesis and diabetes. <i>Diabetologia</i> , 2012, 55, 2845-2847.	2.9	53
133	Lysosomal degradation of newly formed insulin granules contributes to β cell failure in diabetes. <i>Nature Communications</i> , 2019, 10, 3312.	5.8	53
134	Coxsackievirus B4 can infect human pancreas ductal cells and persist in ductal-like cell cultures which results in inhibition of Pdx1 expression and disturbed formation of islet-like cell aggregates. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4169-4180.	2.4	51
135	Gastric Bypass But Not Sleeve Gastrectomy Increases Risk of Major Osteoporotic Fracture: French Population-Based Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1415-1423.	3.1	51
136	Long-term metabolic outcome and quality of life after laparoscopic adjustable gastric banding in obese patients with type 2 diabetes mellitus or impaired fasting glucose. <i>British Journal of Surgery</i> , 2010, 97, 884-891.	0.1	49
137	Correlation of parathyroid scanning and anatomy in 261 unselected patients with sporadic primary hyperparathyroidism. <i>Surgery</i> , 1999, 126, 1123-1131.	1.0	48
138	PPAR γ -dependent and -independent effects of Rosiglitazone on lipotoxic human pancreatic islets. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 1096-1101.	1.0	47
139	CpG Methylation Changes within the IL2RA Promoter in Type 1 Diabetes of Childhood Onset. <i>PLoS ONE</i> , 2013, 8, e68093.	1.1	47
140	Relationship between salivary/pancreatic amylase and body mass index: a systems biology approach. <i>BMC Medicine</i> , 2017, 15, 37.	2.3	47
141	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. <i>PLoS Medicine</i> , 2020, 17, e1003149.	3.9	47
142	Neuronatin regulates pancreatic β cell insulin content and secretion. <i>Journal of Clinical Investigation</i> , 2018, 128, 3369-3381.	3.9	47
143	Type 2 Diabetes Susceptibility Gene Expression in Normal or Diabetic Sorted Human Alpha and Beta Cells: Correlations with Age or BMI of Islet Donors. <i>PLoS ONE</i> , 2010, 5, e11053.	1.1	47
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