

# Eelco J P De Koning

## List of Publications by Citations

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206  
papers

9,452  
citations

47  
h-index

91  
g-index

223  
ext. papers

11,212  
ext. citations

6.7  
avg, IF

5.93  
L-index

#	Paper	IF	Citations
206	Endothelial progenitor cell dysfunction: a novel concept in the pathogenesis of vascular complications of type 1 diabetes. <i>Diabetes</i> , <b>2004</b> , 53, 195-9	0.9	732
205	A Single-Cell Transcriptome Atlas of the Human Pancreas. <i>Cell Systems</i> , <b>2016</b> , 3, 385-394.e3	10.6	556
204	Unlimited in vitro expansion of adult bi-potent pancreas progenitors through the Lgr5/R-spondin axis. <i>EMBO Journal</i> , <b>2013</b> , 32, 2708-21	13	429
203	De Novo Prediction of Stem Cell Identity using Single-Cell Transcriptome Data. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 266-277	18	322
202	Safety of low dose glucocorticoid treatment in rheumatoid arthritis: published evidence and prospective trial data. <i>Annals of the Rheumatic Diseases</i> , <b>2006</b> , 65, 285-93	2.4	319
201	Interleukin-1 antagonism in type 1 diabetes of recent onset: two multicentre, randomised, double-blind, placebo-controlled trials. <i>Lancet, The</i> , <b>2013</b> , 381, 1905-15	40	234
200	Metabolic and additional vascular effects of thiazolidinediones. <i>Drugs</i> , <b>2002</b> , 62, 1463-80	12.1	222
199	Postprandial recruitment of neutrophils may contribute to endothelial dysfunction. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 576-83	6.3	186
198	Assessment of flow-mediated vasodilatation (FMD) of the brachial artery: effects of technical aspects of the FMD measurement on the FMD response. <i>European Heart Journal</i> , <b>2005</b> , 26, 363-8	9.5	179
197	The long lifespan and low turnover of human islet beta cells estimated by mathematical modelling of lipofuscin accumulation. <i>Diabetologia</i> , <b>2010</b> , 53, 321-30	10.3	165
196	Hypertension and rarefaction during treatment with telatinib, a small molecule angiogenesis inhibitor. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 3470-6	12.9	161
195	Diabetes mellitus in Macaca mulatta monkeys is characterised by islet amyloidosis and reduction in beta-cell population. <i>Diabetologia</i> , <b>1993</b> , 36, 378-84	10.3	152
194	Thiazolidinediones and blood lipids in type 2 diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 1744-9	9.4	149
193	Intravital microscopy through an abdominal imaging window reveals a pre-micrometastasis stage during liver metastasis. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 158ra145	17.5	147
192	Is the association between flow-mediated dilation and cardiovascular risk limited to low-risk populations?. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1987-93	15.1	146
191	Autoimmunity against a defective ribosomal insulin gene product in type 1 diabetes. <i>Nature Medicine</i> , <b>2017</b> , 23, 501-507	50.5	131
190	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. <i>Nature Genetics</i> , <b>2019</b> , 51, 1137-1148	36.3	111

189	Impaired NO-dependent vasodilation in patients with Type II (non-insulin-dependent) diabetes mellitus is restored by acute administration of folate. <i>Diabetologia</i> , <b>2002</b> , 45, 1004-10	10.3	108
188	Fabrication of three-dimensional bioplotting hydrogel scaffolds for islets of Langerhans transplantation. <i>Biofabrication</i> , <b>2015</b> , 7, 025009	10.5	107
187	Loss of $\beta$ Cell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. <i>Diabetes</i> , <b>2015</b> , 64, 2928-38	0.9	103
186	Short-term pioglitazone treatment improves vascular function irrespective of metabolic changes in patients with type 2 diabetes. <i>Journal of Cardiovascular Pharmacology</i> , <b>2005</b> , 46, 773-8	3.1	99
185	Conversion of mature human $\beta$ cells into glucagon-producing $\beta$ cells. <i>Diabetes</i> , <b>2013</b> , 62, 2471-80	0.9	97
184	Generation of L cells in mouse and human small intestine organoids. <i>Diabetes</i> , <b>2014</b> , 63, 410-20	0.9	96
183	Intra- and extracellular amyloid fibrils are formed in cultured pancreatic islets of transgenic mice expressing human islet amyloid polypeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 8467-71	11.5	94
182	Comparison of rosiglitazone and metformin for treating HIV lipodystrophy: a randomized trial. <i>Annals of Internal Medicine</i> , <b>2005</b> , 143, 337-46	8	93
181	Functional and structural markers of atherosclerosis in human immunodeficiency virus-infected patients. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1117-23	15.1	90
180	Endothelial progenitor cells: more than an inflammatory response?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 834-8	9.4	89
179	Chronic overproduction of islet amyloid polypeptide/amylin in transgenic mice: lysosomal localization of human islet amyloid polypeptide and lack of marked hyperglycaemia or hyperinsulinaemia. <i>Diabetologia</i> , <b>1993</b> , 36, 1258-65	10.3	85
178	Effect of pH and insulin on fibrillogenesis of islet amyloid polypeptide in vitro. <i>Biochemistry</i> , <b>1995</b> , 34, 14588-93	3.2	82
177	Long-term ketogenic diet causes glucose intolerance and reduced $\beta$ and $\beta$ cell mass but no weight loss in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E552-8	6	81
176	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 712-724	8	80
175	Differentiation of bone marrow-derived endothelial progenitor cells is shifted into a proinflammatory phenotype by hyperglycemia. <i>Molecular Medicine</i> , <b>2009</b> , 15, 152-9	6.2	79
174	KeyGenes, a Tool to Probe Tissue Differentiation Using a Human Fetal Transcriptional Atlas. <i>Stem Cell Reports</i> , <b>2015</b> , 4, 1112-24	8	78
173	Advances in $\beta$ cell replacement therapy for the treatment of type 1 diabetes. <i>Lancet, The</i> , <b>2019</b> , 394, 1274-1285	40	76
172	Decreased insulin secretion in type 2 diabetes: a problem of cellular mass or function?. <i>Diabetes</i> , <b>2001</b> , 50 Suppl 1, S169-71	0.9	75

171	Rosiglitazone improves postprandial triglyceride and free fatty acid metabolism in type 2 diabetes. <i>Diabetes Care</i> , <b>2005</b> , 28, 844-9	14.6	70
170	Intensive lipid lowering by statin therapy does not improve vasoreactivity in patients with type 2 diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 799-804	9.4	68
169	TNF-alpha induces endothelial dysfunction in diabetic adults, an effect reversible by the PPAR-gamma agonist pioglitazone. <i>European Heart Journal</i> , <b>2006</b> , 27, 1605-9	9.5	65
168	The CTRB1/2 locus affects diabetes susceptibility and treatment via the incretin pathway. <i>Diabetes</i> , <b>2013</b> , 62, 3275-81	0.9	63
167	Endothelial function in the post-prandial state. <i>Atherosclerosis Supplements</i> , <b>2002</b> , 3, 11-6	1.7	58
166	Preservation of beta-cell function by targeting beta-cell mass. <i>Trends in Pharmacological Sciences</i> , <b>2008</b> , 29, 218-27	13.2	56
165	Circulating microRNAs associate with diabetic nephropathy and systemic microvascular damage and normalize after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , <b>2015</b> , 15, 1081-90	8.7	55
164	DNA Methylation Landscapes of Human Fetal Development. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005583	6	54
163	Endothelial progenitor cell dysfunction in type 1 diabetes: another consequence of oxidative stress?. <i>Antioxidants and Redox Signaling</i> , <b>2005</b> , 7, 1468-75	8.4	52
162	Controlled aggregation of primary human pancreatic islet cells leads to glucose-responsive pseudoislets comparable to native islets. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 1836-46	5.6	51
161	Isolated human islets contain a distinct population of mesenchymal stem cells. <i>Islets</i> , <b>2010</b> , 2, 164-73	2	51
160	Pancreas allograft biopsies with positive c4d staining and anti-donor antibodies related to worse outcome for patients. <i>American Journal of Transplantation</i> , <b>2010</b> , 10, 1660-7	8.7	48
159	Structure-guided design of selective Epac1 and Epac2 agonists. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002038	9.7	46
158	Defining Outcomes for $\beta$ cell Replacement Therapy in the Treatment of Diabetes: A Consensus Report on the Igls Criteria From the IPITA/EPITA Opinion Leaders Workshop. <i>Transplantation</i> , <b>2018</b> , 102, 1479-1486	1.8	46
157	DAMP production by human islets under low oxygen and nutrients in the presence or absence of an immunisolating-capsule and necrostatin-1. <i>Scientific Reports</i> , <b>2015</b> , 5, 14623	4.9	46
156	Hypertriglyceridemia in patients with chronic renal failure: possible mechanisms. <i>Kidney International</i> , <b>2003</b> , S121-4	9.9	46
155	Associations of Abdominal Subcutaneous and Visceral Fat with Insulin Resistance and Secretion Differ Between Men and Women: The Netherlands Epidemiology of Obesity Study. <i>Metabolic Syndrome and Related Disorders</i> , <b>2018</b> , 16, 54-63	2.6	45
154	Defining outcomes for $\beta$ 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> , <b>2018</b> , 31, 343-352	3	44

153	Microwell scaffolds for the extrahepatic transplantation of islets of Langerhans. <i>PLoS ONE</i> , <b>2013</b> , 8, e64772	4.7	44
152	Cytokine and chemokine production by human pancreatic islets upon enterovirus infection. <i>Diabetes</i> , <b>2012</b> , 61, 2030-6	0.9	44
151	Increased stress, weight gain and less exercise in relation to glycemic control in people with type 1 and type 2 diabetes during the COVID-19 pandemic. <i>BMJ Open Diabetes Research and Care</i> , <b>2021</b> , 9,	4.5	43
150	Peritubular endothelium: the Achilles heel of the kidney?. <i>Kidney International</i> , <b>2007</b> , 72, 926-30	9.9	42
149	Human islet amyloid polypeptide accumulates at similar sites in islets of transgenic mice and humans. <i>Diabetes</i> , <b>1994</b> , 43, 640-4	0.9	41
148	Hybrid Polycaprolactone/Alginate Scaffolds Functionalized with VEGF to Promote de Novo Vessel Formation for the Transplantation of Islets of Langerhans. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1606-16	10.1	41
147	Islet transplantation in type 1 diabetes. <i>BMJ, The</i> , <b>2011</b> , 342, d217	5.9	40
146	Exercise and Type 2 Diabetes Mellitus: Changes in Tissue-specific Fat Distribution and Cardiac Function. <i>Radiology</i> , <b>2013</b> , 269, 434-442	20.5	39
145	Accumulation of autoreactive effector T cells and allo-specific regulatory T cells in the pancreas allograft of a type 1 diabetic recipient. <i>Diabetologia</i> , <b>2009</b> , 52, 494-503	10.3	39
144	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> , <b>2010</b> , 5, e11053	3.7	39
143	Associated auto-immune disease in type 1 diabetes patients: a systematic review and meta-analysis. <i>European Journal of Endocrinology</i> , <b>2019</b> , 180, 135-144	6.5	39
142	Glucagon-like peptide-1 receptor agonist treatment reduces beta cell mass in normoglycaemic mice. <i>Diabetologia</i> , <b>2013</b> , 56, 1980-6	10.3	38
141	Reversibility of capillary density after discontinuation of bevacizumab treatment. <i>Annals of Oncology</i> , <b>2010</b> , 21, 1100-5	10.3	38
140	Amyloid fibril formation is progressive and correlates with beta-cell secretion in transgenic mouse isolated islets. <i>Diabetologia</i> , <b>1999</b> , 42, 1219-27	10.3	38
139	A Retrievable, Efficacious Polymeric Scaffold for Subcutaneous Transplantation of Rat Pancreatic Islets. <i>Annals of Surgery</i> , <b>2017</b> , 266, 149-157	7.8	37
138	DNA methylation and transcriptional trajectories during human development and reprogramming of isogenic pluripotent stem cells. <i>Nature Communications</i> , <b>2017</b> , 8, 908	17.4	37
137	The adipocytokine Nampt and its product NMN have no effect on beta-cell survival but potentiate glucose stimulated insulin secretion. <i>PLoS ONE</i> , <b>2013</b> , 8, e54106	3.7	37
136	Human CD34+/KDR+ cells are generated from circulating CD34+ cells after immobilization on activated platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 408-15	9.4	37

135	Targeting development of incretin-producing cells increases insulin secretion. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 379-85	15.9	36
134	Pancreatic pathology in non-insulin dependent diabetes (NIDDM). <i>Diabetes Research and Clinical Practice</i> , <b>1995</b> , 28 Suppl, S39-47	7.4	36
133	The Efficacy of a Prevascularized, Retrievable Poly(D,L-lactide-co-ε-caprolactone) Subcutaneous Scaffold as Transplantation Site for Pancreatic Islets. <i>Transplantation</i> , <b>2017</b> , 101, e112-e119	1.8	35
132	Glomerular Function and Structural Integrity Depend on Hyaluronan Synthesis by Glomerular Endothelium. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 1886-1897	12.7	35
131	Molecular physiology of the islet amyloid polypeptide (IAPP)/amylin gene in man, rat, and transgenic mice. <i>Journal of Cellular Biochemistry</i> , <b>1994</b> , 55 Suppl, 39-53	4.7	34
130	Topologically heterogeneous beta cell adaptation in response to high-fat diet in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e56922	3.7	34
129	Islet cells share promoter hypomethylation independently of expression, but exhibit cell-type-specific methylation in enhancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 13525-13530	11.5	33
128	COVID-19 and Diabetes: Understanding the Interrelationship and Risks for a Severe Course. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 649525	5.7	33
127	Hypothermic Oxygenated Machine Perfusion of the Human Donor Pancreas. <i>Transplantation Direct</i> , <b>2018</b> , 4, e388	2.3	33
126	Microvascular damage in type 1 diabetic patients is reversed in the first year after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , <b>2013</b> , 13, 1272-81	8.7	32
125	Macrophages and pancreatic islet amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>1998</b> , 5, 247-54	2.7	32
124	Effects of rosiglitazone and metformin on postprandial paraoxonase-1 and monocyte chemoattractant protein-1 in human immunodeficiency virus-infected patients with lipodystrophy. <i>European Journal of Pharmacology</i> , <b>2006</b> , 544, 104-10	5.3	32
123	Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 816-832	18	32
122	Pancreatic islet macroencapsulation using microwell porous membranes. <i>Scientific Reports</i> , <b>2017</b> , 7, 91864.9	4.9	31
121	Islet amyloid polypeptide: actions and role in the pathogenesis of diabetes. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 594-9	5.1	31
120	Use of glucocorticoids in patients with adrenal insufficiency and COVID-19 infection. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 472-473	18.1	30
119	Angiotensin II type 1 receptor blockade improves hyperglycemia-induced endothelial dysfunction and reduces proinflammatory cytokine release from leukocytes. <i>Journal of Cardiovascular Pharmacology</i> , <b>2007</b> , 49, 6-12	3.1	29
118	MiR-184 expression is regulated by AMPK in pancreatic islets. <i>FASEB Journal</i> , <b>2018</b> , 32, 2587-2600	0.9	28

117	Abdominal adiposity largely explains associations between insulin resistance, hyperglycemia and subclinical atherosclerosis: the NEO study. <i>Atherosclerosis</i> , <b>2013</b> , 229, 423-9	3.1	26
116	Thirty Years of Pancreas Transplantation at Leiden University Medical Center: Long-term Follow-up in a Large Eurotransplant Center. <i>Transplantation</i> , <b>2015</b> , 99, e145-51	1.8	26
115	Increased insulin requirements during exercise at very high altitude in type 1 diabetes. <i>Diabetes Care</i> , <b>2011</b> , 34, 591-5	14.6	26
114	Usefulness of carotid intima-media thickness in patients with diabetes mellitus as a predictor of coronary artery disease. <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 1041-6	3	25
113	In vivo evidence of impaired peripheral fatty acid trapping in patients with human immunodeficiency virus-associated lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 3575-82	5.6	25
112	L-Cell Differentiation Is Induced by Bile Acids Through GPBAR1 and Paracrine GLP-1 and Serotonin Signaling. <i>Diabetes</i> , <b>2020</b> , 69, 614-623	0.9	24
111	Coculturing Human Islets with Proangiogenic Support Cells to Improve Islet Revascularization at the Subcutaneous Transplantation Site. <i>Tissue Engineering - Part A</i> , <b>2016</b> , 22, 375-85	3.9	24
110	Islet amyloid in type 2 (non-insulin-dependent) diabetes. <i>Apmsis</i> , <b>1996</b> , 104, 12-8	3.4	24
109	Micro-fabricated scaffolds lead to efficient remission of diabetes in mice. <i>Biomaterials</i> , <b>2017</b> , 135, 10-22	15.6	23
108	Effects of rosiglitazone on postprandial leukocytes and cytokines in type 2 diabetes. <i>Atherosclerosis</i> , <b>2006</b> , 186, 152-9	3.1	23
107	Siglec-7 restores $\beta$ cell function and survival and reduces inflammation in pancreatic islets from patients with diabetes. <i>Scientific Reports</i> , <b>2017</b> , 7, 45319	4.9	22
106	Cell Type Purification by Single-Cell Transcriptome-Trained Sorting. <i>Cell</i> , <b>2019</b> , 179, 527-542.e19	56.2	22
105	Human islets and dendritic cells generate post-translationally modified islet autoantigens. <i>Clinical and Experimental Immunology</i> , <b>2016</b> , 185, 133-40	6.2	22
104	Non-invasive assessment of microcirculation by sidestream dark field imaging as a marker of coronary artery disease in diabetes. <i>Diabetes and Vascular Disease Research</i> , <b>2013</b> , 10, 123-34	3.3	22
103	Exercise and type 2 diabetes mellitus: changes in tissue-specific fat distribution and cardiac function. <i>Radiology</i> , <b>2013</b> , 269, 434-42	20.5	22
102	Glycemic Stability Through Islet-After-Kidney Transplantation Using an Alemtuzumab-Based Induction Regimen and Long-Term Triple-Maintenance Immunosuppression. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 246-53	8.7	22
101	Pancreas Transplantation With Grafts From Donors Deceased After Circulatory Death: 5 Years Single-Center Experience. <i>Transplantation</i> , <b>2018</b> , 102, 333-339	1.8	21
100	Susceptibility of human pancreatic $\beta$ cells for cytomegalovirus infection and the effects on cellular immunogenicity. <i>Pancreas</i> , <b>2012</b> , 41, 39-49	2.6	21

99	Utilization of organs from donors after circulatory death for vascularized pancreas and islet of Langerhans transplantation: recommendations from an expert group. <i>Transplant International</i> , <b>2016</b> , 29, 798-806	3	21
98	Selection of polymers for application in scaffolds applicable for human pancreatic islet transplantation. <i>Biomedical Materials (Bristol)</i> , <b>2016</b> , 11, 035006	3.5	21
97	Layered PEGDA hydrogel for islet of Langerhans encapsulation and improvement of vascularization. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2017</b> , 28, 195	4.5	20
96	Fatty acid intake and its dietary sources in relation with markers of type 2 diabetes risk: The NEO study. <i>European Journal of Clinical Nutrition</i> , <b>2017</b> , 71, 245-251	5.2	20
95	Comparison of bombesin-, ACTH-, and beta-endorphin-induced grooming. Antagonism by haloperidol, naloxone, and neurotensin. <i>Annals of the New York Academy of Sciences</i> , <b>1988</b> , 525, 219-27	6.5	20
94	Stimulation of vascularization of a subcutaneous scaffold applicable for pancreatic islet-transplantation enhances immediate post-transplant islet graft function but not long-term normoglycemia. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 2533-2542	5.4	19
93	Increased vimentin in human $\beta$ and $\delta$ cells in type 2 diabetes. <i>Journal of Endocrinology</i> , <b>2017</b> , 233, 217-227	4.7	19
92	Sequential intravital imaging reveals in vivo dynamics of pancreatic tissue transplanted under the kidney capsule in mice. <i>Diabetologia</i> , <b>2016</b> , 59, 2387-2392	10.3	19
91	Autoantibodies to islet amyloid polypeptide in diabetes. <i>Diabetic Medicine</i> , <b>1991</b> , 8, 668-73	3.5	19
90	Detection and localization of viral infection in the pancreas of patients with type 1 diabetes using short fluorescently-labelled oligonucleotide probes. <i>Oncotarget</i> , <b>2017</b> , 8, 12620-12636	3.3	19
89	In Vivo Silencing of MicroRNA-132 Reduces Blood Glucose and Improves Insulin Secretion. <i>Nucleic Acid Therapeutics</i> , <b>2019</b> , 29, 67-72	4.8	18
88	High prevalence of pancreatic islet amyloid in patients with end-stage renal failure on dialysis treatment. <i>Journal of Pathology</i> , <b>1995</b> , 175, 253-8	9.4	18
87	Implementation of a Structured Diabetes Consultation Model to Facilitate a Person-Centered Approach: Results From a Nationwide Dutch Study. <i>Diabetes Care</i> , <b>2018</b> , 41, 688-695	14.6	17
86	RVCL-S and CADASIL display distinct impaired vascular function. <i>Neurology</i> , <b>2018</b> , 91, e956-e963	6.5	17
85	Physical activity at altitude: challenges for people with diabetes: a review. <i>Diabetes Care</i> , <b>2014</b> , 37, 2404-126	14.6	17
84	Label-free detection of insulin and glucagon within human islets of Langerhans using Raman spectroscopy. <i>PLoS ONE</i> , <b>2013</b> , 8, e78148	3.7	17
83	Genetically engineered human islets protected from CD8-mediated autoimmune destruction in vivo. <i>Molecular Therapy</i> , <b>2013</b> , 21, 1592-601	11.7	16
82	Mammalian tissue-free liberase: a new GMP-graded enzyme blend for human islet isolation. <i>Transplantation</i> , <b>2010</b> , 90, 332-3	1.8	16



81	Recombinant human GH replacement increases CD34+ cells and improves endothelial function in adults with GH deficiency. <i>European Journal of Endocrinology</i> , <b>2008</b> , 159, 105-11	6.5	16
80	Proteasomal Degradation of Proinsulin Requires Derlin-2, HRD1 and p97. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128206	3.7	15
79	Impact of late calcineurin inhibitor withdrawal on ambulatory blood pressure and carotid intima media thickness in renal transplant recipients. <i>Transplantation</i> , <b>2013</b> , 96, 49-57	1.8	15
78	Catheter replacement in continuous arteriovenous hemodiafiltration: the balance between infectious and mechanical complications. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 1261-6	1.4	15
77	Organoids from the Human Fetal and Adult Pancreas. <i>Current Diabetes Reports</i> , <b>2019</b> , 19, 160	5.6	15
76	A decade of molecular genetic testing for MODY: a retrospective study of utilization in The Netherlands. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 29-33	5.3	14
75	ECell Stress Shapes CTL Immune Recognition of Preproinsulin Signal Peptide by Posttranscriptional Regulation of Endoplasmic Reticulum Aminopeptidase 1. <i>Diabetes</i> , <b>2020</b> , 69, 670-680	0.9	14
74	Relationship between left ventricular diastolic function and arterial stiffness in asymptomatic patients with diabetes mellitus. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 609-16	2.5	14
73	Increased carotid intima-media thickness as a predictor of the presence and extent of abnormal myocardial perfusion in type 2 diabetes. <i>Diabetes Care</i> , <b>2010</b> , 33, 372-4	14.6	14
72	Islet-after-lung transplantation in a patient with cystic fibrosis-related diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, e159-60	14.6	13
71	ECell Generation: Can Rodent Studies Be Translated to Humans?. <i>Journal of Transplantation</i> , <b>2011</b> , 2011, 892453	2.3	13
70	Differential effects of rosiglitazone and metformin on postprandial lipemia in patients with HIV-lipodystrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 228-33	9.4	13
69	Metabolic effects of high altitude trekking in patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2012</b> , 35, 2018-20	8.26	13
68	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. <i>Transplantation</i> , <b>2020</b> , 104, 190-196	1.8	13
67	Artificial Pancreas or Novel Beta-Cell Replacement Therapies: a Race for Optimal Glycemic Control?. <i>Current Diabetes Reports</i> , <b>2018</b> , 18, 110	5.6	13
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