

Eelco J P De Koning

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.

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 | Organization and dynamics of the cortical complexes controlling insulin secretion in β cells.. <i>Journal of Cell Science</i> , 2022 , | 5.3 | 1 |
| 205 | Key Factors Relevant for Healthcare Decisions of Patients with Type 1 and Type 2 Diabetes in Secondary Care According to Healthcare Professionals.. <i>Patient Preference and Adherence</i> , 2022 , 16, 809-819 | 2.4 | 0 |
| 204 | Oxidative Stress Leads to β Cell Dysfunction Through Loss of β Cell Identity. <i>Frontiers in Immunology</i> , 2021 , 12, 690379 | 8.4 | 3 |
| 203 | 105.4: Impact of the COVID-19 Lockdown on Behavior, Stress, Anxiety and Glycemic Control in Patients With Beta Cell Transplantation.. <i>Transplantation</i> , 2021 , 105, S3 | 1.8 | |
| 202 | Systematic evaluation of clinically used biomaterials to determine their suitability for fabrication of beta cell delivery devices. <i>Journal of Immunology and Regenerative Medicine</i> , 2021 , 16, 100055 | 2.8 | |
| 201 | P.114: Altered Glucose Response in Human Beta Cells Following Modulation of Muscarinic Receptor.. <i>Transplantation</i> , 2021 , 105, S43 | 1.8 | |
| 200 | 402.1: Towards a GMP-Compliant Protocol for the Differentiation of Human Pluripotent Stem Cells to Beta-like Cells for the Treatment of Type 1 Diabetes.. <i>Transplantation</i> , 2021 , 105, S26 | 1.8 | |
| 199 | Stem cell-based islet replacement therapy in diabetes: A road trip that reached the clinic. <i>Cell Stem Cell</i> , 2021 , 28, 2044-2046 | 18 | 2 |
| 198 | Clinical use of donation after circulatory death pancreas for islet transplantation. <i>American Journal of Transplantation</i> , 2021 , 21, 3077-3087 | 8.7 | 7 |
| 197 | The association of glucose metabolism and kidney function in middle-aged adults. <i>CKJ: Clinical Kidney Journal</i> , 2021 , 14, 2383-2390 | 4.5 | 1 |
| 196 | Psychological factors associated with changes in physical activity in Dutch people with type 2 diabetes under societal lockdown: A cross-sectional study. <i>Endocrinology, Diabetes and Metabolism</i> , 2021 , 4, e00249 | 2.7 | 1 |
| 195 | Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , 2021 , 28, 816-832 | 18 | 32 |
| 194 | COVID-19 and Diabetes: Understanding the Interrelationship and Risks for a Severe Course. <i>Frontiers in Endocrinology</i> , 2021 , 12, 649525 | 5.7 | 33 |
| 193 | US food and drug administration (FDA) panel endorses islet cell treatment for type 1 diabetes: A pyrrhic victory?. <i>Transplant International</i> , 2021 , 34, 1182-1186 | 3 | 2 |
| 192 | Change is possible: How increased patient activation is associated with favorable changes in well-being, self-management and health outcomes among people with type 2 diabetes mellitus: A prospective longitudinal study. <i>Patient Education and Counseling</i> , 2021 , | 3.1 | 3 |
| 191 | Hypothermic oxygenated machine perfusion of the human pancreas for clinical islet isolation: a prospective feasibility study. <i>Transplant International</i> , 2021 , 34, 1397-1407 | 3 | 3 |
| 190 | Fasting parameters for estimation of stimulated β cell function in islet transplant recipients with or without basal insulin treatment. <i>American Journal of Transplantation</i> , 2021 , 21, 297-306 | 8.7 | 4 |

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| 189 | Coded diagnoses from general practice electronic health records are a feasible and valid alternative to self-report to define diabetes cases in research. <i>Primary Care Diabetes</i> , 2021 , 15, 234-239 | 2.4 | 0 |
| 188 | Oxidative stress in pancreatic alpha and beta cells as a selection criterion for biocompatible biomaterials. <i>Biomaterials</i> , 2021 , 267, 120449 | 15.6 | 5 |
| 187 | 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> , 2021 , 9, | 4.5 | 43 |
| 186 | Anticoagulation practices in total pancreatectomy with autologous islet cell transplant patients: an international survey of clinical programs. <i>Transplant International</i> , 2021 , 34, 593-595 | 3 | 0 |
| 185 | First World Consensus Conference on pancreas transplantation: Part II - recommendations. <i>American Journal of Transplantation</i> , 2021 , 21 Suppl 3, 17-59 | 8.7 | 5 |
| 184 | PRISM: A Novel Human Islet Isolation Technique. <i>Transplantation</i> , 2021 , | 1.8 | 2 |
| 183 | Transplant Options for Patients With Diabetes and Advanced Kidney Disease: A Review. <i>American Journal of Kidney Diseases</i> , 2021 , 78, 418-428 | 7.4 | 1 |
| 182 | Use of glucocorticoids in patients with adrenal insufficiency and COVID-19 infection. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 472-473 | 18.1 | 30 |
| 181 | A High Cell-Bearing Capacity Multibore Hollow Fiber Device for Macroencapsulation of Islets of Langerhans. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000021 | 5.5 | 4 |
| 180 | Psychological Symptoms and Quality of Life After Simultaneous Kidney and Pancreas Transplantation. <i>Transplantation Direct</i> , 2020 , 6, e552 | 2.3 | 2 |
| 179 | L-Cell Differentiation Is Induced by Bile Acids Through GPBAR1 and Paracrine GLP-1 and Serotonin Signaling. <i>Diabetes</i> , 2020 , 69, 614-623 | 0.9 | 24 |
| 178 | Tacrolimus-Induced BMP/SMAD Signaling Associates With Metabolic Stress-Activated FOXO1 to Trigger β Cell Failure. <i>Diabetes</i> , 2020 , 69, 193-204 | 0.9 | 10 |
| 177 | β Cell Stress Shapes CTL Immune Recognition of Preproinsulin Signal Peptide by Posttranscriptional Regulation of Endoplasmic Reticulum Aminopeptidase 1. <i>Diabetes</i> , 2020 , 69, 670-680 | 0.9 | 14 |
| 176 | Person-centered diabetes care and patient activation in people with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8, | 4.5 | 6 |
| 175 | Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. <i>Transplantation</i> , 2020 , 104, 190-196 | 1.8 | 13 |
| 174 | Factors that influence the intended intensity of diabetes care in a person-centred setting. <i>Diabetic Medicine</i> , 2020 , 37, 1167-1175 | 3.5 | 2 |
| 173 | Glomerular Function and Structural Integrity Depend on Hyaluronan Synthesis by Glomerular Endothelium. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1886-1897 | 12.7 | 35 |
| 172 | SUGAR-DIP trial: oral medication strategy versus insulin for diabetes in pregnancy, study protocol for a multicentre, open-label, non-inferiority, randomised controlled trial. <i>BMJ Open</i> , 2019 , 9, e029808 | 3 | 6 |

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| 171 | Advances in βcell replacement therapy for the treatment of type 1 diabetes. <i>Lancet, The</i> , 2019 , 394, 1274-1285 | 40 | 76 |
| 170 | Cell Type Purification by Single-Cell Transcriptome-Trained Sorting. <i>Cell</i> , 2019 , 179, 527-542.e19 | 56.2 | 22 |
| 169 | In Vivo Silencing of MicroRNA-132 Reduces Blood Glucose and Improves Insulin Secretion. <i>Nucleic Acid Therapeutics</i> , 2019 , 29, 67-72 | 4.8 | 18 |
| 168 | A transcriptomic roadmap to βand βcell differentiation in the embryonic pancreas. <i>Development (Cambridge)</i> , 2019 , 146, | 6.6 | 7 |
| 167 | Association between person and disease related factors and the planned diabetes care in people who receive person-centered type 2 diabetes care: An implementation study. <i>PLoS ONE</i> , 2019 , 14, e0219702 | 37.0 | 4 |
| 166 | Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. <i>Nature Genetics</i> , 2019 , 51, 1137-1148 | 36.3 | 111 |
| 165 | Highly efficient ex vivo lentiviral transduction of primary human pancreatic exocrine cells. <i>Scientific Reports</i> , 2019 , 9, 15870 | 4.9 | 4 |
| 164 | Genome-Wide Association Study on the Early-Phase Insulin Response to a Liquid Mixed Meal: Results From the NEO Study. <i>Diabetes</i> , 2019 , 68, 2327-2336 | 0.9 | 3 |
| 163 | Associated auto-immune disease in type 1 diabetes patients: a systematic review and meta-analysis. <i>European Journal of Endocrinology</i> , 2019 , 180, 135-144 | 6.5 | 39 |
| 162 | Organoids from the Human Fetal and Adult Pancreas. <i>Current Diabetes Reports</i> , 2019 , 19, 160 | 5.6 | 15 |
| 161 | Microwell Scaffolds Using Collagen-IV and Laminin-111 Lead to Improved Insulin Secretion of Human Islets. <i>Tissue Engineering - Part C: Methods</i> , 2019 , 25, 71-81 | 2.9 | 10 |
| 160 | Patient activation in individuals with type 2 diabetes mellitus: associated factors and the role of insulin. <i>Patient Preference and Adherence</i> , 2019 , 13, 73-81 | 2.4 | 11 |
| 159 | Defining outcomes for beta cell replacement therapy: a work in progress. <i>Diabetologia</i> , 2018 , 61, 1273-1276 | 12.6 | 11 |
| 158 | Defining outcomes for βcell 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 | 3 | 44 |
| 157 | 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> , 2018 , 16, 54-63 | 2.6 | 45 |
| 156 | Implementation of a Structured Diabetes Consultation Model to Facilitate a Person-Centered Approach: Results From a Nationwide Dutch Study. <i>Diabetes Care</i> , 2018 , 41, 688-695 | 14.6 | 17 |
| 155 | MiR-184 expression is regulated by AMPK in pancreatic islets. <i>FASEB Journal</i> , 2018 , 32, 2587-2600 | 0.9 | 28 |
| 154 | Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. <i>Stem Cell Reports</i> , 2018 , 10, 712-724 | 8 | 80 |

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| 153 | 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>Transplantation</i> , 2018 , 102, 1479-1486 | 1.8 | 46 |
| 152 | Pancreas Transplantation With Grafts From Donors Deceased After Circulatory Death: 5 Years Single-Center Experience. <i>Transplantation</i> , 2018 , 102, 333-339 | 1.8 | 21 |
| 151 | Interrelationship of the rs7903146 TCF7L2 gene variant with measures of glucose metabolism and adiposity: The NEO study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018 , 28, 150-157 | 4.5 | 8 |
| 150 | RVCL-S and CADASIL display distinct impaired vascular function. <i>Neurology</i> , 2018 , 91, e956-e963 | 6.5 | 17 |
| 149 | Islet alloautotransplantation: Allogeneic pancreas transplantation followed by transplant pancreatectomy and islet transplantation. <i>American Journal of Transplantation</i> , 2018 , 18, 1016-1019 | 8.7 | 1 |
| 148 | Hypothermic Oxygenated Machine Perfusion of the Human Donor Pancreas. <i>Transplantation Direct</i> , 2018 , 4, e388 | 2.3 | 33 |
| 147 | Decline in Pancreas Transplantation Numbers is Accompanied with Lower Publication Rates. <i>Transplantation</i> , 2018 , 102, S78-S79 | 1.8 | 1 |
| 146 | Bioluminescent reporter assay for monitoring ER stress in human beta cells. <i>Scientific Reports</i> , 2018 , 8, 17738 | 4.9 | 6 |
| 145 | Artificial Pancreas or Novel Beta-Cell Replacement Therapies: a Race for Optimal Glycemic Control?. <i>Current Diabetes Reports</i> , 2018 , 18, 110 | 5.6 | 13 |
| 144 | Vegf-A mRNA transfection as a novel approach to improve mouse and human islet graft revascularisation. <i>Diabetologia</i> , 2018 , 61, 1804-1810 | 10.3 | 12 |
| 143 | Implementatie van het diabetes-jaargesprek. <i>Huisarts En Wetenschap</i> , 2018 , 61, 22-25 | 0.1 | |
| 142 | Association of fasting triglyceride concentration and postprandial triglyceride response with the carotid intima-media thickness in the middle aged: The Netherlands Epidemiology of Obesity study. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 377-385.e1 | 4.9 | 4 |
| 141 | Autoimmunity against a defective ribosomal insulin gene product in type 1 diabetes. <i>Nature Medicine</i> , 2017 , 23, 501-507 | 50.5 | 131 |
| 140 | Pancreatic β cell mass in obesity. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1810-1813 | 6.7 | 12 |
| 139 | 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> , 2017 , 105, 2533-2542 | 5.4 | 19 |
| 138 | The Efficacy of a Prevascularized, Retrievable Poly(D,L-lactide-co- ϵ -caprolactone) Subcutaneous Scaffold as Transplantation Site for Pancreatic Islets. <i>Transplantation</i> , 2017 , 101, e112-e119 | 1.8 | 35 |
| 137 | A Retrievable, Efficacious Polymeric Scaffold for Subcutaneous Transplantation of Rat Pancreatic Islets. <i>Annals of Surgery</i> , 2017 , 266, 149-157 | 7.8 | 37 |
| 136 | Micro-fabricated scaffolds lead to efficient remission of diabetes in mice. <i>Biomaterials</i> , 2017 , 135, 10-22 | 15.6 | 23 |

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| 135 | Increased vimentin in human β and β cells in type 2 diabetes. <i>Journal of Endocrinology</i> , 2017 , 233, 217-227 | 4.7 | 19 |
| 134 | Siglec-7 restores β cell function and survival and reduces inflammation in pancreatic islets from patients with diabetes. <i>Scientific Reports</i> , 2017 , 7, 45319 | 4.9 | 22 |
| 133 | DNA methylation and transcriptional trajectories during human development and reprogramming of isogenic pluripotent stem cells. <i>Nature Communications</i> , 2017 , 8, 908 | 17.4 | 37 |
| 132 | Pancreatic islet macroencapsulation using microwell porous membranes. <i>Scientific Reports</i> , 2017 , 7, 9186 | 4.9 | 31 |
| 131 | Layered PEGDA hydrogel for islet of Langerhans encapsulation and improvement of vascularization. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 195 | 4.5 | 20 |
| 130 | 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> , 2017 , 71, 245-251 | 5.2 | 20 |
| 129 | Detection and localization of viral infection in the pancreas of patients with type 1 diabetes using short fluorescently-labelled oligonucleotide probes. <i>Oncotarget</i> , 2017 , 8, 12620-12636 | 3.3 | 19 |
| 128 | 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> , 2017 , 114, 13525-13530 | 11.5 | 33 |
| 127 | Sequential intravital imaging reveals in vivo dynamics of pancreatic tissue transplanted under the kidney capsule in mice. <i>Diabetologia</i> , 2016 , 59, 2387-2392 | 10.3 | 19 |
| 126 | Human islets and dendritic cells generate post-translationally modified islet autoantigens. <i>Clinical and Experimental Immunology</i> , 2016 , 185, 133-40 | 6.2 | 22 |
| 125 | Simultaneous pancreas-kidney transplantation in patients with type 1 diabetes reverses elevated MBL levels in association with MBL2 genotype and VEGF expression. <i>Diabetologia</i> , 2016 , 59, 853-8 | 10.3 | 12 |
| 124 | Incidence and prevalence of thyroid dysfunction in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 420-5 | 3.2 | 12 |
| 123 | Coculturing Human Islets with Proangiogenic Support Cells to Improve Islet Revascularization at the Subcutaneous Transplantation Site. <i>Tissue Engineering - Part A</i> , 2016 , 22, 375-85 | 3.9 | 24 |
| 122 | De Novo Prediction of Stem Cell Identity using Single-Cell Transcriptome Data. <i>Cell Stem Cell</i> , 2016 , 19, 266-277 | 18 | 322 |
| 121 | Distinct activation of primary human BDCA1(+) dendritic cells upon interaction with stressed or infected β cells. <i>Clinical and Experimental Immunology</i> , 2016 , 184, 293-307 | 6.2 | 2 |
| 120 | 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> , 2016 , 5, 1606-16 | 10.1 | 41 |
| 119 | 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> , 2016 , 16, 246-53 | 8.7 | 22 |
| 118 | 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> , 2016 , 29, 798-806 | 3 | 21 |

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| 117 | Selection of polymers for application in scaffolds applicable for human pancreatic islet transplantation. <i>Biomedical Materials (Bristol)</i> , 2016 , 11, 035006 | 3.5 | 21 |
| 116 | A Single-Cell Transcriptome Atlas of the Human Pancreas. <i>Cell Systems</i> , 2016 , 3, 385-394.e3 | 10.6 | 556 |
| 115 | Structure-guided design of selective Epac1 and Epac2 agonists. <i>PLoS Biology</i> , 2015 , 13, e1002038 | 9.7 | 46 |
| 114 | Design and evaluation of an integrated thin film resistor matching test structure 2015 , | | 1 |
| 113 | Loss of βCell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. <i>Diabetes</i> , 2015 , 64, 2928-38 | 0.9 | 103 |
| 112 | A decade of molecular genetic testing for MODY: a retrospective study of utilization in The Netherlands. <i>European Journal of Human Genetics</i> , 2015 , 23, 29-33 | 5.3 | 14 |
| 111 | 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> , 2015 , 19, 1836-46 | 5.6 | 51 |
| 110 | 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> , 2015 , 5, 14623 | 4.9 | 46 |
| 109 | Thirty Years of Pancreas Transplantation at Leiden University Medical Center: Long-term Follow-up in a Large Eurotransplant Center. <i>Transplantation</i> , 2015 , 99, e145-51 | 1.8 | 26 |
| 108 | DNA Methylation Landscapes of Human Fetal Development. <i>PLoS Genetics</i> , 2015 , 11, e1005583 | 6 | 54 |
| 107 | Proteasomal Degradation of Proinsulin Requires Derlin-2, HRD1 and p97. <i>PLoS ONE</i> , 2015 , 10, e0128206 | 3.7 | 15 |
| 106 | Circulating microRNAs associate with diabetic nephropathy and systemic microvascular damage and normalize after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2015 , 15, 1081-90 | 8.7 | 55 |
| 105 | Targeting development of incretin-producing cells increases insulin secretion. <i>Journal of Clinical Investigation</i> , 2015 , 125, 379-85 | 15.9 | 36 |
| 104 | Fabrication of three-dimensional bioplotting hydrogel scaffolds for islets of Langerhans transplantation. <i>Biofabrication</i> , 2015 , 7, 025009 | 10.5 | 107 |
| 103 | KeyGenes, a Tool to Probe Tissue Differentiation Using a Human Fetal Transcriptional Atlas. <i>Stem Cell Reports</i> , 2015 , 4, 1112-24 | 8 | 78 |
| 102 | Long-term ketogenic diet causes glucose intolerance and reduced β and β cell mass but no weight loss in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E552-8 | 6 | 81 |
| 101 | Physical activity at altitude: challenges for people with diabetes: a review. <i>Diabetes Care</i> , 2014 , 37, 2404-13 | 13.6 | 17 |
| 100 | Associations of atherosclerosis in the descending thoracic aorta on CTA with arterial stiffness and chronic kidney disease in asymptomatic patients with diabetes mellitus. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 1151-9 | 2.5 | 4 |

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| 99 | Circulating MicroRNAs Associate With Pathogenesis of Diabetic Nephropathy and Normalize After Simultaneous Pancreas-Kidney Transplantation.. <i>Transplantation</i> , 2014 , 98, 526-527 | 1.8 | |
| 98 | Diplopia as the presenting symptom of type 1 diabetes. <i>Diabetes Care</i> , 2014 , 37, e45-6 | 14.6 | 3 |
| 97 | Generation of L cells in mouse and human small intestine organoids. <i>Diabetes</i> , 2014 , 63, 410-20 | 0.9 | 96 |
| 96 | Islet-after-lung transplantation in a patient with cystic fibrosis-related diabetes. <i>Diabetes Care</i> , 2014 , 37, e159-60 | 14.6 | 13 |
| 95 | Lymphangiogenesis and angiogenesis during human fetal pancreas development. <i>Vascular Cell</i> , 2014 , 6, 22 | 1 | 12 |
| 94 | Conversion of mature human β cells into glucagon-producing β cells. <i>Diabetes</i> , 2013 , 62, 2471-80 | 0.9 | 97 |
| 93 | Glucagon-like peptide-1 receptor agonist treatment reduces beta cell mass in normoglycaemic mice. <i>Diabetologia</i> , 2013 , 56, 1980-6 | 10.3 | 38 |
| 92 | Genetically engineered human islets protected from CD8-mediated autoimmune destruction in vivo. <i>Molecular Therapy</i> , 2013 , 21, 1592-601 | 11.7 | 16 |
| 91 | Microvascular damage in type 1 diabetic patients is reversed in the first year after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2013 , 13, 1272-81 | 8.7 | 32 |
| 90 | Abdominal adiposity largely explains associations between insulin resistance, hyperglycemia and subclinical atherosclerosis: the NEO study. <i>Atherosclerosis</i> , 2013 , 229, 423-9 | 3.1 | 26 |
| 89 | Unlimited in vitro expansion of adult bi-potent pancreas progenitors through the Lgr5/R-spondin axis. <i>EMBO Journal</i> , 2013 , 32, 2708-21 | 13 | 429 |
| 88 | Interleukin-1 antagonism in type 1 diabetes of recent onset: two multicentre, randomised, double-blind, placebo-controlled trials. <i>Lancet, The</i> , 2013 , 381, 1905-15 | 40 | 234 |
| 87 | Relationship between left ventricular diastolic function and arterial stiffness in asymptomatic patients with diabetes mellitus. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 609-16 | 2.5 | 14 |
| 86 | The CTRB1/2 locus affects diabetes susceptibility and treatment via the incretin pathway. <i>Diabetes</i> , 2013 , 62, 3275-81 | 0.9 | 63 |
| 85 | Exercise and Type 2 Diabetes Mellitus: Changes in Tissue-specific Fat Distribution and Cardiac Function. <i>Radiology</i> , 2013 , 269, 434-442 | 20.5 | 39 |
| 84 | 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> , 2013 , 10, 123-34 | 3.3 | 22 |
| 83 | Impact of late calcineurin inhibitor withdrawal on ambulatory blood pressure and carotid intima media thickness in renal transplant recipients. <i>Transplantation</i> , 2013 , 96, 49-57 | 1.8 | 15 |
| 82 | Microwell scaffolds for the extrahepatic transplantation of islets of Langerhans. <i>PLoS ONE</i> , 2013 , 8, e64372 | 3.7 | 44 |

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|----|--|------|-----|
| 81 | The adipocytokine Nampt and its product NMN have no effect on beta-cell survival but potentiate glucose stimulated insulin secretion. <i>PLoS ONE</i> , 2013 , 8, e54106 | 3.7 | 37 |
| 80 | Label-free detection of insulin and glucagon within human islets of Langerhans using Raman spectroscopy. <i>PLoS ONE</i> , 2013 , 8, e78148 | 3.7 | 17 |
| 79 | Topologically heterogeneous beta cell adaptation in response to high-fat diet in mice. <i>PLoS ONE</i> , 2013 , 8, e56922 | 3.7 | 34 |
| 78 | Exercise and type 2 diabetes mellitus: changes in tissue-specific fat distribution and cardiac function. <i>Radiology</i> , 2013 , 269, 434-42 | 20.5 | 22 |
| 77 | Intravital microscopy through an abdominal imaging window reveals a pre-micrometastasis stage during liver metastasis. <i>Science Translational Medicine</i> , 2012 , 4, 158ra145 | 17.5 | 147 |
| 76 | Metabolic effects of high altitude trekking in patients with type 2 diabetes. <i>Diabetes Care</i> , 2012 , 35, 2018-20 | 17.0 | 13 |
| 75 | Cytokine and chemokine production by human pancreatic islets upon enterovirus infection. <i>Diabetes</i> , 2012 , 61, 2030-6 | 0.9 | 44 |
| 74 | PS2 - 8. Liraglutide decreases beta-cell mass in normoglycemic and high-fat diet-fed mice. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012 , 10, 104-105 | 0 | |
| 73 | Susceptibility of human pancreatic β cells for cytomegalovirus infection and the effects on cellular immunogenicity. <i>Pancreas</i> , 2012 , 41, 39-49 | 2.6 | 21 |
| 72 | β Cell Generation: Can Rodent Studies Be Translated to Humans?. <i>Journal of Transplantation</i> , 2011 , 2011, 892453 | 2.3 | 13 |
| 71 | Relationship between vascular stiffness and stress myocardial perfusion imaging in asymptomatic patients with diabetes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 2050-7 | 8.8 | 8 |
| 70 | Islet transplantation in type 1 diabetes. <i>BMJ, The</i> , 2011 , 342, d217 | 5.9 | 40 |
| 69 | PS18 - 89. β cell adaptation is heterogeneous in response to insulin resistance. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 152-152 | 0 | |
| 68 | PL - 91. Protection of transplanted human beta-cell by genetic manipulation. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 154-154 | 0 | |
| 67 | Differential effects of rosiglitazone and metformin on postprandial lipemia in patients with HIV-lipodystrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 228-33 | 9.4 | 13 |
| 66 | Increased insulin requirements during exercise at very high altitude in type 1 diabetes. <i>Diabetes Care</i> , 2011 , 34, 591-5 | 14.6 | 26 |
| 65 | Human CD34+/KDR+ cells are generated from circulating CD34+ cells after immobilization on activated platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 408-15 | 9.4 | 37 |
| 64 | Expression of CD64 (Fc β R1) in skin of patients with acute GVHD. <i>Bone Marrow Transplantation</i> , 2011 , 46, 1566-9 | 4.4 | 1 |

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|----|---|------|-----|
| 63 | 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> , 2010 , 33, 372-4 | 14.6 | 14 |
| 62 | Reversibility of capillary density after discontinuation of bevacizumab treatment. <i>Annals of Oncology</i> , 2010 , 21, 1100-5 | 10.3 | 38 |
| 61 | Isolated human islets contain a distinct population of mesenchymal stem cells. <i>Islets</i> , 2010 , 2, 164-73 | 2 | 51 |
| 60 | Mammalian tissue-free liberase: a new GMP-graded enzyme blend for human islet isolation. <i>Transplantation</i> , 2010 , 90, 332-3 | 1.8 | 16 |
| 59 | The long lifespan and low turnover of human islet beta cells estimated by mathematical modelling of lipofuscin accumulation. <i>Diabetologia</i> , 2010 , 53, 321-30 | 10.3 | 165 |
| 58 | Pancreas allograft biopsies with positive c4d staining and anti-donor antibodies related to worse outcome for patients. <i>American Journal of Transplantation</i> , 2010 , 10, 1660-7 | 8.7 | 48 |
| 57 | 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 | 3.7 | 39 |
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