Per-Ola Carlsson

List of Publications by Year
in descending order

69	2,176	304602 22	243529 44
papers	citations	h-index	g-index

69	69	69	3159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Irisinâ€"A Pancreatic Islet Hormone. Biomedicines, 2022, 10, 258.	1.4	4
2	Good glycemic control without exceeding the <scp>BMI</scp> trajectory during the first 5â€‰years of treatment in children and adolescents with type 1 diabetes. Pediatric Diabetes, 2022, 23, 341-350.	1.2	1
3	Functional, metabolic and transcriptional maturation of human pancreatic islets derived from stem cells. Nature Biotechnology, 2022, 40, 1042-1055.	9.4	135
4	Endogenous Levels of Gamma Amino-Butyric Acid Are Correlated to Glutamic-Acid Decarboxylase Antibody Levels in Type 1 Diabetes. Biomedicines, 2022, 10, 91.	1.4	4
5	Longitudinal Assessment of 11C-5-Hydroxytryptophan Uptake in Pancreas After Debut of Type 1 Diabetes. Diabetes, 2021, 70, 966-975.	0.3	8
6	Generation of human induced pluripotent stem cell (iPSC) lines (UUMCBi001-A, UUMCBi002-A) from two healthy donors. Stem Cell Research, 2021, 50, 102114.	0.3	1
7	Changes in Circulating Cytokines and Adipokines After RYGB in Patients with and without Type 2 Diabetes. Obesity, 2021, 29, 535-542.	1.5	14
8	GABA induces a hormonal counter-regulatory response in subjects with long-standing type 1 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002442.	1.2	9
9	Interleukin-35 Prevents Development of Autoimmune Diabetes Possibly by Maintaining the Phenotype of Regulatory B Cells. International Journal of Molecular Sciences, 2021, 22, 12988.	1.8	11
10	Pharmacological Inhibition of NOX4 Improves Mitochondrial Function and Survival in Human Beta-Cells. Biomedicines, 2021, 9, 1865.	1.4	8
11	Potential of [11C]UCB-J as a PET tracer for islets of Langerhans. Scientific Reports, 2021, 11, 24466.	1.6	0
12	Highly blood perfused, highly metabolically active pancreatic islets may be more susceptible for immune attack. Physiological Reports, 2020, 8, e14444.	0.7	1
13	Increased Plasma Levels of the Co-stimulatory Proteins CDCP1 and SLAMF1 in Patients With Autoimmune Endocrine Diseases. Frontiers in Immunology, 2020, 11, 1916.	2.2	8
14	Physical Activity, Genetic Susceptibility, and the Risk of Latent Autoimmune Diabetes in Adults and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4112-e4123.	1.8	11
15	Function and Gene Expression of Islets Experimentally Transplanted to Muscle and Omentum. Cell Transplantation, 2020, 29, 096368972096018.	1.2	2
16	Mass Cytometry Studies of Patients With Autoimmune Endocrine Diseases Reveal Distinct Disease-Specific Alterations in Immune Cell Subsets. Frontiers in Immunology, 2020, 11, 288.	2.2	14
17	Better HbA1c during the first years after diagnosis of type 1 diabetes is associated with residual C peptide 10 years later. BMJ Open Diabetes Research and Care, 2020, 8, e000819.	1.2	14
18	Unsurpassed Intrahepatic Islet Engraftment â€" the Quest for New Sites for Beta Cell Replacement. Cell Medicine, 2019, 11, 215517901985766.	5.0	9

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19	Fewer Islets Survive from a First Transplant than a Second Transplant: Evaluation of Repeated Intraportal Islet Transplantation in Mice. Cell Transplantation, 2019, 28, 1455-1460.	1.2	3
20	A modified in vitro tool for isolation and characterization of rat quiescent islet stellate cells. Experimental Cell Research, 2019, 384, 111617.	1.2	5
21	Ghrelin in rat pancreatic islets decreases islet blood flow. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E139-E146.	1.8	6
22	Lipotoxicity reduces Î² cell survival through islet stellate cell activation regulated by lipid metabolism-related molecules. Experimental Cell Research, 2019, 380, 1-8.	1.2	10
23	Pancreatic Blood Flow with Special Emphasis on Blood Perfusion of the Islets of Langerhans. , 2019, 9, 799-837.		28
24	Decreased Î²-Cell Proliferation and Vascular Density in a Subpopulation of Low-Oxygenated Male Rat Islets. Journal of the Endocrine Society, 2019, 3, 1608-1616.	0.1	1
25	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. EBioMedicine, 2018, 30, 283-294.	2.7	104
26	Functional Characterization of Native, High-Affinity GABAA Receptors in Human Pancreatic Î² Cells. EBioMedicine, 2018, 30, 273-282.	2.7	42
27	Transplantation of macroencapsulated human islets within the bioartificial pancreas Î²Air to patients with type 1 diabetes mellitus. American Journal of Transplantation, 2018, 18, 1735-1744.	2.6	140
28	Overweight, obesity and the risk of LADA: results from a Swedish caseâ€“control study and the Norwegian HUNT Study. Diabetologia, 2018, 61, 1333-1343.	2.9	63
29	Expression of calcium release-activated and voltage-gated calcium channels genes in peripheral blood mononuclear cells is altered in pregnancy and in type 1 diabetes. PLoS ONE, 2018, 13, e0208981.	1.1	7
30	The novel NADPH oxidase 4 selective inhibitor GLX7013114 counteracts human islet cell death in vitro. PLoS ONE, 2018, 13, e0204271.	1.1	50
31	Non-lab and semi-lab algorithms for screening undiagnosed diabetes: A cross-sectional study. EBioMedicine, 2018, 35, 307-316.	2.7	37
32	Bioengineering with Endothelial Progenitor Cells Improves the Vascular Engraftment of Transplanted Human Islets. Cell Transplantation, 2018, 27, 948-956.	1.2	14
33	[11C]5-hydroxy-tryptophan PET for Assessment of Islet Mass During Progression of Type 2 Diabetes. Diabetes, 2017, 66, 1286-1292.	0.3	26
34	Increased Interleukin-35 Levels in Patients With Type 1 Diabetes With Remaining C-Peptide. Diabetes Care, 2017, 40, 1090-1095.	4.3	30
35	Pancreatic islet blood flow and its measurement. Upsala Journal of Medical Sciences, 2016, 121, 81-95.	0.4	113
36	Smoking and the Risk of LADA: Results From a Swedish Population-Based Case-Control Study. Diabetes Care, 2016, 39, 794-800.	4.3	26

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37	Type 1 Diabetes Mellitus Donor Mesenchymal Stromal Cells Exhibit Comparable Potency to Healthy Controls In Vitro. Stem Cells Translational Medicine, 2016, 5, 1485-1495.	1.6	51
38	Pancreatic perfusion and subsequent response to glucose in healthy individuals and patients with type 1 diabetes. Diabetologia, 2016, 59, 1968-1972.	2.9	14
39	Thrombospondin 1 protects pancreatic Î²-cells from lipotoxicity via the PERKâ€“NRF2 pathway. Cell Death and Differentiation, 2016, 23, 1995-2006.	5.0	56
40	Quantification of Î²-Cell Mass in Intramuscular Islet Grafts Using Radiolabeled Exendin-4. Transplantation Direct, 2016, 2, e93.	0.8	12
41	Angiopoetin-2 Signals Do Not Mediate the Hypervascularization of Islets in Type 2 Diabetes. PLoS ONE, 2016, 11, e0161834.	1.1	10
42	Matrix Metalloproteinase-9 Is Essential for Physiological Beta Cell Function and Islet Vascularization in Adult Mice. American Journal of Pathology, 2015, 185, 1094-1103.	1.9	20
43	Disruption of Insulin Receptor Signaling in Endothelial Cells Shows the Central Role of an Intact Islet Blood Flow for In Vivo Î²-Cell Function. Diabetes, 2015, 64, 700-702.	0.3	8
44	Interleukin-35 administration counteracts established murine type 1 diabetes â€“ possible involvement of regulatory T cells. Scientific Reports, 2015, 5, 12633.	1.6	55
45	Mesenchymal Stromal Cells to Halt the Progression of Type 1 Diabetes?. Current Diabetes Reports, 2015, 15, 46.	1.7	12
46	Low birthweight is associated with an increased risk of LADA and type 2 diabetes: results from a Swedish caseâ€“control study. Diabetologia, 2015, 58, 2525-2532.	2.9	16
47	Betatrophin in Diabetes Mellitus: the Epidemiological Evidence in Humans. Current Diabetes Reports, 2015, 15, 104.	1.7	17
48	Preserved Î²-Cell Function in Type 1 Diabetes by Mesenchymal Stromal Cells. Diabetes, 2015, 64, 587-592.	0.3	235
49	Increased Circulating Betatrophin Concentrations in Patients with Type 2 Diabetes. International Journal of Endocrinology, 2014, 2014, 1-6.	0.6	98
50	Blood lipids affect rat islet blood flow regulation through Î²₃-adrenoceptors. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E653-E663.	1.8	8
51	Positron Emission Tomography Ligand [11C]5-Hydroxy-Tryptophan Can Be Used as a Surrogate Marker for the Human Endocrine Pancreas. Diabetes, 2014, 63, 3428-3437.	0.3	59
52	Increased circulating levels of betatrophin in individuals with long-standing type 1 diabetes. Diabetologia, 2014, 57, 50-53.	2.9	119
53	Influence of microenvironment on engraftment of transplanted Î²-cells. Upsala Journal of Medical Sciences, 2011, 116, 1-7.	0.4	30
54	Vascular niche of pancreatic islets. Expert Review of Endocrinology and Metabolism, 2009, 4, 481-491.	1.2	4

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55	Diabetesâ€induced reduction in renal medullary nitric oxide (NO) and oxygen tension (pO 2) due to increased hepatic arginine metabolism and oxidative stress. FASEB Journal, 2007, 21, A841.	0.2	0
56	Changes in intracellular sodium, potassium, and calcium concentrations in transplanted mouse pancreatic islets1. Transplantation, 2003, 75, 445-449.	0.5	4
57	pH is decreased in transplanted rat pancreatic islets. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E499-E504.	1.8	20
58	Multiple Injections of Coloured Microspheres for Islet Blood Flow Measurements in Anaesthetised Rats: Influence of Microsphere Size. Upsala Journal of Medical Sciences, 2002, 107, 111-120.	0.4	21
59	Low Revascularization of Experimentally Transplanted Human Pancreatic Islets. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5418-5423.	1.8	152
60	Unaltered pancreatic islet blood perfusion in islet amyloid polypeptide-deficient mice. European Journal of Endocrinology, 2002, 146, 107-112.	1.9	4
61	Microdialysis measurements demonstrate a shift to nonoxidative glucose metabolism in rat pancreatic islets transplanted beneath the renal capsule. Surgery, 2002, 132, 487-494.	1.0	24
62	Glucose-induced islet blood flow increase in rats: interaction between nervous and metabolic mediators. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E457-E464.	1.8	57
63	Oxygen tension and blood flow in relation to revascularization in transplanted adult and fetal rat pancreatic islets. Cell Transplantation, 2002, 11, 813-20.	1.2	13
64	Secretin and pancreatic islet biood flow in anesthetized rats: Increased insulin secretion with no augmentation of blood perfusion. World Journal of Surgery, 2001, 25, 835-839.	0.8	7
65	Intraportal glucose infusion and pancreatic islet blood flow in anesthetized rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1224-R1229.	0.9	15
66	Islet Blood Flow in Multiple Low Dose Streptozotocin-Treated Wild-Type and Inducible Nitric Oxide Synthase-Deficient Mice. Endocrinology, 2000, 141, 2752-2757.	1.4	4
67	Stimulation of intestinal glucoreceptors in rats increases pancreatic islet blood flow through vagal mechanisms. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R233-R236.	0.9	14
68	Pancreatic Islet Blood Perfusion in the Nonobese Diabetic Mouse: Diabetes-Prone Female Mice Exhibit a Higher Blood Flow Compared with Male Mice in the Prediabetic Phase*. Endocrinology, 1998, 139, 3534-3541.	1.4	37
69	Influence of age, hyperglycemia, leptin, and NPY on islet blood flow in obese-hyperglycemic mice. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E594-E601.	1.8	21