

# Marten A Engelse

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,900  
citations

471509

17  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4090  
citing authors

#	ARTICLE	IF	CITATIONS
1	PRISM: A Novel Human Islet Isolation Technique. <i>Transplantation</i> , 2022, 106, 1271-1278.	1.0	2
2	Quantification of Unmethylated Insulin DNA Using Methylation Sensitive Restriction Enzyme Digital Polymerase Chain Reaction. <i>Transplant International</i> , 2022, 35, 10167.	1.6	2
3	Oxidative stress in pancreatic alpha and beta cells as a selection criterion for biocompatible biomaterials. <i>Biomaterials</i> , 2021, 267, 120449.	11.4	11
4	Clinical use of donation after circulatory death pancreas for islet transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 3077-3087.	4.7	11
5	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.	1.6	10
6	Hypothermic oxygenated machine perfusion of the human pancreas for clinical islet isolation: a prospective feasibility study. <i>Transplant International</i> , 2021, 34, 1397-1407.	1.6	8
7	Metabolic needs of the kidney graft undergoing normothermic machine perfusion. <i>Kidney International</i> , 2021, 100, 301-310.	5.2	15
8	Oxidative Stress Leads to $\beta$ -Cell Dysfunction Through Loss of $\beta$ -Cell Identity. <i>Frontiers in Immunology</i> , 2021, 12, 690379.	4.8	44
9	P.100: Impact of Islet Purity on Short- and Long-term Graft Function in Islet Allograft Transplantation. <i>Transplantation</i> , 2021, 105, S35-S35.	1.0	0
10	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. <i>Transplantation</i> , 2020, 104, 190-196.	1.0	22
11	A High Cell-Bearing Capacity Multibore Hollow Fiber Device for Macroencapsulation of Islets of Langerhans. <i>Macromolecular Bioscience</i> , 2020, 20, 2000021.	4.1	8
12	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.	2.1	14
13	Concise Review: The Endothelial Cell Extracellular Matrix Regulates Tissue Homeostasis and Repair. <i>Stem Cells Translational Medicine</i> , 2019, 8, 375-382.	3.3	55
14	Vascular bioengineering of scaffolds derived from human discarded transplant kidneys using human pluripotent stem cell-derived endothelium. <i>American Journal of Transplantation</i> , 2019, 19, 1328-1343.	4.7	39
15	Metabolic imaging of fatty kidney in diabetes: validation and dietary intervention. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 224-230.	0.7	21
16	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. <i>Stem Cell Reports</i> , 2018, 10, 712-724.	4.8	106
17	Hypothermic Oxygenated Machine Perfusion of the Human Donor Pancreas. <i>Transplantation Direct</i> , 2018, 4, e388.	1.6	43
18	Pancreatic $\beta$ -cell mass in obesity. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1810-1813.	4.4	14

#	ARTICLE	IF	CITATIONS
19	A Novel Clinical Grade Isolation Method for Human Kidney Perivascular Stromal Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
20	Pancreatic islet macroencapsulation using microwell porous membranes. <i>Scientific Reports</i> , 2017, 7, 9186.	3.3	45
21	Layered PEGDA hydrogel for islet of Langerhans encapsulation and improvement of vascularization. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 195.	3.6	28
22	Clinical-Grade Isolated Human Kidney Perivascular Stromal Cells as an Organotypic Cell Source for Kidney Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2017, 6, 405-418.	3.3	25
23	The human kidney capsule contains a functionally distinct mesenchymal stromal cell population. <i>PLoS ONE</i> , 2017, 12, e0187118.	2.5	9
24	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, 1606-1616.	7.6	60
25	A Single-Cell Transcriptome Atlas of the Human Pancreas. <i>Cell Systems</i> , 2016, 3, 385-394.e3.	6.2	966
26	Coculturing Human Islets with Proangiogenic Support Cells to Improve Islet Revascularization at the Subcutaneous Transplantation Site. <i>Tissue Engineering - Part A</i> , 2016, 22, 375-385.	3.1	27
27	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, 1836-1846.	3.6	64
28	DAMP production by human islets under low oxygen and nutrients in the presence or absence of an immunoisolating-capsule and necrostatin-1. <i>Scientific Reports</i> , 2015, 5, 14623.	3.3	60
29	Proteasomal Degradation of Proinsulin Requires Derlin-2, HRD1 and p97. <i>PLoS ONE</i> , 2015, 10, e0128206.	2.5	27
30	Loss of $\beta$ -Cell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. <i>Diabetes</i> , 2015, 64, 2928-2938.	0.6	141
31	Islet-After-Lung Transplantation in a Patient With Cystic Fibrosis-Related Diabetes. <i>Diabetes Care</i> , 2014, 37, e159-e160.	8.6	20
32	PS18 - 3. Loss of beta-cell identity occurs in type 2 diabetes and is associated with islet amyloid depositions. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 201-201.	0.0	0
33	PS2 - 10. Enterovirus-Infected Human Pancreatic Islets Produce Pro-inflammatory Cytokines and Chemokines and Activate Primary Human Myeloid Dendritic Cells. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 105-106.	0.0	0
34	PS18 - 87. Transdifferentiation of human beta-cells into alpha-cells. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 151-151.	0.0	0
35	PS18 - 88. Expansion of human beta cell progenitors using a three-dimensional culture system. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 151-152.	0.0	0
36	PS18 - 89. $\beta$ -cell adaptation is heterogeneous in response to insulin resistance. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 152-152.	0.0	0