Rita Nano

List of Publications by Year
in descending order

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84	3,872	117625	128289
papers	citations	34 h-index	60 g-index

86	86	86	4970
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Glucose Causes Apoptosis in Cultured Human Pancreatic Islets of Langerhans. Diabetes, 2001, 50, 1290-1301.	0.6	296
2	Acylated and Unacylated Ghrelin Promote Proliferation and Inhibit Apoptosis of Pancreatic Î²-Cells and Human Islets: Involvement of 3â€²,5â€²-Cyclic Adenosine Monophosphate/Protein Kinase A, Extracellular Signal-Regulated Kinase 1/2, and Phosphatidyl Inositol 3-Kinase/Akt Signaling. Endocrinology, 2007, 148, 512-529.	2.8	272
3	Human Pancreatic Islets Produce and Secrete MCP-1/CCL2: Relevance in Human Islet Transplantation. Diabetes, 2002, 51, 55-65.	0.6	270
4	Expansion of Th17 Cells and Functional Defects in T Regulatory Cells Are Key Features of the Pancreatic Lymph Nodes in Patients With Type 1 Diabetes. Diabetes, 2011, 60, 2903-2913.	0.6	199
5	Obestatin Promotes Survival of Pancreatic Î²-Cells and Human Islets and Induces Expression of Genes Involved in the Regulation of Î²-Cell Mass and Function. Diabetes, 2008, 57, 967-979.	0.6	173
6	Islet isolation for allotransplantation: variables associated with successful islet yield and graft function. Diabetologia, 2005, 48, 906-912.	6.3	170
7	Rapamycin unbalances the polarization of human macrophages to <scp>M</scp>1. Immunology, 2013, 140, 179-190.	4.4	147
8	Abscisic Acid Is an Endogenous Stimulator of Insulin Release from Human Pancreatic Islets with Cyclic ADP Ribose as Second Messenger. Journal of Biological Chemistry, 2008, 283, 32188-32197.	3.4	129
9	CXCR1/2 inhibition enhances pancreatic islet survival after transplantation. Journal of Clinical Investigation, 2012, 122, 3647-3651.	8.2	129
10	Alloantibody and Autoantibody Monitoring Predicts Islet Transplantation Outcome in Human Type 1 Diabetes. Diabetes, 2013, 62, 1656-1664.	0.6	105
11	Autologous Pancreatic Islet Transplantation in Human Bone Marrow. Diabetes, 2013, 62, 3523-3531.	0.6	90
12	Isolation, Characterization and Potential Role in Beta Cell-Endothelium Cross-Talk of Extracellular Vesicles Released from Human Pancreatic Islets. PLoS ONE, 2014, 9, e102521.	2.5	83
13	Kidney Function After Islet Transplant Alone in Type 1 Diabetes: Impact of immunosuppressive therapy on progression of diabetic nephropathy. Diabetes Care, 2007, 30, 1150-1155.	8.6	80
14	Mesenchymal Cells Appearing in Pancreatic Tissue Culture Are Bone Marrow-Derived Stem Cells With the Capacity to Improve Transplanted Islet Function Â. Stem Cells, 2010, 28, 140-151.	3.2	70
15	Role of CCL2/MCP-1 in Islet Transplantation. Cell Transplantation, 2010, 19, 1031-1046.	2.5	69
16	The state of the art of islet transplantation and cell therapy in type 1 diabetes. Acta Diabetologica, 2016, 53, 683-691.	2.5	63
17	Extending Indications for Islet Autotransplantation in Pancreatic Surgery. Annals of Surgery, 2013, 258, 210-218.	4.2	62
18	Secretory defects induced by immunosuppressive agents on human pancreatic Î²-cells. Acta Diabetologica, 2002, 39, 229-233.	2.5	59

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19	Mechanism and effects of pulsatile GABA secretion from cytosolic pools in the human beta cell. Nature Metabolism, 2019, 1, 1110-1126.	11.9	59
20	Mechanisms of coordination of Ca2+ signals in pancreatic islet cells. Diabetes, 1999, 48, 1971-1978.	0.6	58
21	Adipocyte-derived extracellular vesicles regulate survival and function of pancreatic Î² cells. JCI Insight, 2021, 6, .	5.0	55
22	Glucocorticoids Reprogram Î²-Cell Signaling to Preserve Insulin Secretion. Diabetes, 2018, 67, 278-290.	0.6	52
23	Risks and Benefits of Transplantation in the Cure of Type 1 Diabetes: Whole Pancreas Versus Islet Transplantation. A Single Center Study. Review of Diabetic Studies, 2011, 8, 44-50.	1.3	51
24	Succesful transplantation of human islets in recipients bearing a kidney graft. Diabetologia, 2002, 45, 77-84.	6.3	49
25	Culture Medium Modulates Proinflammatory Conditions of Human Pancreatic Islets Before Transplantation. American Journal of Transplantation, 2006, 6, 2791-2795.	4.7	46
26	Des-Acyl Ghrelin Fragments and Analogues Promote Survival of Pancreatic Î²-Cells and Human Pancreatic Islets and Prevent Diabetes in Streptozotocin-Treated Rats. Journal of Medicinal Chemistry, 2012, 55, 2585-2596.	6.4	46
27	Autologous Islet Transplantation in Patients Requiring Pancreatectomy: A Broader Spectrum of Indications Beyond Chronic Pancreatitis. American Journal of Transplantation, 2016, 16, 1812-1826.	4.7	46
28	RFamide Peptides 43RFa and 26RFa Both Promote Survival of Pancreatic Î²-Cells and Human Pancreatic Islets but Exert Opposite Effects on Insulin Secretion. Diabetes, 2014, 63, 2380-2393.	0.6	44
29	Minimal Focal Steatosis of Liver after Islet Transplantation in Humans: A Long-Term Study. Cell Transplantation, 2005, 14, 727-733.	2.5	42
30	Relaparotomy for a pancreatic fistula after a pancreaticoduodenectomy: a comparison of different surgical strategies. Hpb, 2014, 16, 40-45.	0.3	42
31	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. Diabetes Care, 2014, 37, 267-276.	8.6	39
32	Transplant Estimated Function. Diabetes Care, 2008, 31, 301-305.	8.6	36
33	Comparative Evaluation of Simple Indices of Graft Function After Islet Transplantation. Transplantation, 2011, 92, 815-821.	1.0	36
34	Characterization of Collagenase Blend Enzymes for Human Islet Transplantation. Transplantation, 2007, 84, 1568-1575.	1.0	34
35	MR Imaging Monitoring of Iron-Labeled Pancreatic Islets in a Small Series of Patients: Islet Fate in Successful, Unsuccessful, and Autotransplantation. Cell Transplantation, 2015, 24, 2285-2296.	2.5	32
36	Human placental lactogen (hPL-A) activates signaling pathways linked to cell survival and improves insulin secretion in human pancreatic islets. Islets, 2011, 3, 250-258.	1.8	29

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37	Aberrant Accumulation of the Diabetes Autoantigen GAD65 in Golgi Membranes in Conditions of ER Stress and Autoimmunity. Diabetes, 2016, 65, 2686-2699.	0.6	28
38	EFFECTS OF CRYOPRESERVATION ON IN VITRO AND IN VIVO LONG-TERM FUNCTION OF HUMAN ISLETS1. Transplantation, 1999, 68, 655-662.	1.0	28
39	Islet Allotransplantation in the Bone Marrow of Patients With Type 1 Diabetes: A Pilot Randomized Trial. Transplantation, 2019, 103, 839-851.	1.0	27
40	No Evidence of Long-Term Disruption of Glycometabolic Control After SARS-CoV-2 Infection. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1009-e1019.	3.6	27
41	Disproportionate Hyperproinsulinemia, Î²-Cell Restricted Prohormone Convertase 2 Deficiency, and Cell Cycle Inhibitors Expression by Human Islets Transplanted into Athymic Nude Mice: Insights into Nonimmune-Mediated Mechanisms of Delayed Islet Graft Failure. Cell Transplantation, 2008, 17, 1323-1336.	2.5	24
42	Human islet distribution programme for basic research: activity over the last 5Âyears. Diabetologia, 2015, 58, 1138-1140.	6.3	23
43	Improving the Procedure for Detection of Intrahepatic Transplanted Islets by Magnetic Resonance Imaging. American Journal of Transplantation, 2009, 9, 2372-2382.	4.7	22
44	Differentiation of Sendai Virus-Reprogrammed iPSC into Î² Cells, Compared with Human Pancreatic Islets and Immortalized Î² Cell Line. Cell Transplantation, 2018, 27, 1548-1560.	2.5	22
45	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. Transplantation, 2020, 104, 190-196.	1.0	22
46	Calcineurin Inhibitor-Free Immunosuppressive Regimen in Type 1 Diabetes Patients Receiving Islet Transplantation. Transplantation, 2014, 98, 1301-1309.	1.0	21
47	A New Class of Contrast Agents for Magnetic Resonance Imaging Based on Selective Reduction of Water-T2 by Chemical Exchange. Investigative Radiology, 1988, 23, S267-S270.	6.2	20
48	Human Pancreatic Islet Preparations Release HMGB1: (Ir)Relevance for Graft Engraftment. Cell Transplantation, 2013, 22, 2175-2186.	2.5	19
49	The role of Coxâ€2 and prostaglandin E ₂ receptor EP3 in pancreatic Î²â€cell death. FASEB Journal, 2019, 33, 4975-4986.	0.5	18
50	Collagenase Isoforms for Pancreas Digestion. Cell Transplantation, 2009, 18, 203-206.	2.5	17
51	Reduced PD-1 expression on circulating follicular and conventional FOXP3+ Treg cells in children with new onset type 1 diabetes and autoantibody-positive at-risk children. Clinical Immunology, 2020, 211, 108319.	3.2	16
52	13C solid state CP/MAS NMR studies of EDTA complexes. Inorganica Chimica Acta, 1987, 129, L23-L25.	2.4	14
53	Prolonged Islet Allograft Survival in Diabetic Mice Upon Macrophage Depletion by Clodronate-Loaded Erythrocytes. Transplantation, 2008, 85, 648-650.	1.0	14
54	Rapamycin does not adversely affect intrahepatic islet engraftment in mice and improves early islet engraftment in humans. Islets, 2009, 1, 42-49.	1.8	14

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55	Combined laparoscopic spleen-preserving distal pancreatectomy and islet autotransplantation for benign pancreatic neoplasm. World Journal of Gastroenterology, 2014, 20, 4030.	3.3	13
56	Lessons from in Vitro Perifusion of Pancreatic Islets Isolated from 80 Human Pancreases. Cell Transplantation, 1999, 8, 709-712.	2.5	12
57	Donor and Isolation Variables Associated with Human Islet Monocyte Chemoattractant Protein-1 Release. Transplantation, 2004, 78, 1564-1567.	1.0	12
58	Reduced Follicular Regulatory T Cells in Spleen and Pancreatic Lymph Nodes of Patients With Type 1 Diabetes. Diabetes, 2021, 70, 2892-2902.	0.6	12
59	Identification of in vitro parameters predictive of graft function: a study in an animal model of islet transplantation. Transplantation Proceedings, 2004, 36, 612-613.	0.6	11
60	miR-204 is associated with an endocrine phenotype in human pancreatic islets but does not regulate the insulin mRNA through MAFA. Scientific Reports, 2017, 7, 14051.	3.3	11
61	Diabetes-free survival after extended distal pancreatectomy and islet auto transplantation for benign or borderline/malignant lesions of the pancreas. American Journal of Transplantation, 2019, 19, 920-928.	4.7	11
62	Generation of Î² Cells from iPSC of a MODY8 Patient with a Novel Mutation in the Carboxyl Ester Lipase (CEL) Gene. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2322-e2333.	3.6	11
63	In vitro modulation of monocyte chemoattractant protein-1 release in human pancreatic islets. Transplantation Proceedings, 2004, 36, 607-608.	0.6	10
64	Liver Perfusion Changes Occurring During Pancreatic Islet Engraftment: A Dynamic Contrast-Enhanced Magnetic Resonance Study. American Journal of Transplantation, 2014, 14, 203-210.	4.7	10
65	Factors Determining the Proton T1 Relaxivity in Solutions Containing Gd-DTPA. Investigative Radiology, 1988, 23, S264-S266.	6.2	9
66	Transcriptional dynamics of induced pluripotent stem cell differentiation into Î² cells reveals full endodermal commitment and homology with human islets. Cytotherapy, 2021, 23, 311-319.	0.7	9
67	Total pancreatectomy sequelae and quality of life: results of islet autotransplantation as a possible mitigation strategy. Updates in Surgery, 2021, 73, 1237-1246.	2.0	9
68	Follicular helper T cell signature of replicative exhaustion, apoptosis, and senescence in common variable immunodeficiency. European Journal of Immunology, 2022, 52, 1171-1189.	2.9	9
69	Insulin-mimetic effects of short-term rapamycin in type 1 diabetic patients prior to islet transplantation. Acta Diabetologica, 2018, 55, 715-722.	2.5	7
70	CRYOPRESERVATION OF HUMAN ISLETS OF LANGERHANS. Transplantation, 1999, 68, 597-598.	1.0	7
71	Salvage Islet Auto Transplantation After Relaparatomy. Transplantation, 2017, 101, 2492-2500.	1.0	6
72	Establishment, characterization and long-term culture of human endocrine pancreas-derived microvascular endothelial cells. Cytotherapy, 2017, 19, 141-152.	0.7	6

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73	The allocation of pancreas allografts on donor age and duration of intensive care unit stay: the experience of the North Italy Transplant program. Transplant International, 2014, 27, 353-361.	1.6	5
74	Islets for Research: Nothing Is Perfect, but We Can Do Better. Diabetes, 2019, 68, 1541-1543.	0.6	5
75	IHP Entrapment into Human Erythrocytes: Comparison between Hypotonic Dialysis and DMSO Osmotic Pulse. , 1992, 326, 19-26.		5
76	Islet Volume and Indexes of Î²-Cell Function in Humans. Cell Transplantation, 2016, 25, 491-501.	2.5	3
77	Î²-cell transplantation for diabetes therapy. Lancet, The, 2008, 372, 28.	13.7	1
78	Islet Cell or Pancreas Transplantation. Endocrinology, 2018, , 1-40.	0.1	1
79	Treating diabetes with islet transplantation: Lessons from the Milan experience. , 2020, , 645-658.		1
80	The Pancreatic Lymph-nodes of Type 1 Diabetic Patients Contain Epigenetically-imprinted Natural Regulatory T Cells which Lack Suppressive Function. Clinical Immunology, 2010, 135, S21.	3.2	0
81	Autologous Pancreatic Islet Transplantation in Human Bone Marrow. Diabetes 2013;62:3523-3531. Diabetes, 2014, 63, 377-377.	0.6	0
82	Minimally Invasive Pancreatectomy plus Islet Autotransplantation for Benign Tumors of the Pancreatic Neck and Body. Updates in Surgery Series, 2018, , 187-194.	0.1	0
83	Islet autotransplantation: Indication beyond chronic pancreatitis. , 2020, , 127-137.		0
84	Islet Cell or Pancreas Transplantation. Endocrinology, 2018, , 655-693.	0.1	0