Domenico Bosco

List of Publications by Year
in descending order

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158	9,519	36203	45213
papers	citations	51 h-index	90 g-index

163	163	163	11762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A map of open chromatin in human pancreatic islets. Nature Genetics, 2010, 42, 255-259.	9.4	515
2	Beta Cell Hubs Dictate Pancreatic Islet Responses toÂGlucose. Cell Metabolism, 2016, 24, 389-401.	7.2	370
3	Unique Arrangement of Î±- and Î²-Cells in Human Islets of Langerhans. Diabetes, 2010, 59, 1202-1210.	0.3	361
4	Sulfonylurea Induced Î²-Cell Apoptosis in Cultured Human Islets. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 501-506.	1.8	307
5	Human Bone Marrow Mesenchymal Stem Cells Can Express Insulin and Key Transcription Factors of the Endocrine Pancreas Developmental Pathway upon Genetic and/or Microenvironmental Manipulation In Vitro. Stem Cells, 2005, 23, 594-603.	1.4	254
6	The microRNA-200 family regulates pancreatic beta cell survival in type 2 diabetes. Nature Medicine, 2015, 21, 619-627.	15.2	236
7	Leptin modulates Â cell expression of IL-1 receptor antagonist and release of IL-1Â in human islets. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8138-8143.	3.3	234
8	Possible implications of insulin resistance and glucose metabolism in Alzheimerâ€™s disease pathogenesis. Journal of Cellular and Molecular Medicine, 2011, 15, 1807-1821.	1.6	223
9	Lipotoxicity disrupts incretin-regulated human Î² cell connectivity. Journal of Clinical Investigation, 2013, 123, 4182-4194.	3.9	203
10	Diabetes relief in mice by glucose-sensing insulin-secreting human Î±-cells. Nature, 2019, 567, 43-48.	13.7	188
11	Extracellular Matrix Protects Pancreatic Â-Cells Against Apoptosis: Role of Short- and Long-Term Signaling Pathways. Diabetes, 2004, 53, 2034-2041.	0.3	168
12	Targeting GLP-1 receptor trafficking to improve agonist efficacy. Nature Communications, 2018, 9, 1602.	5.8	162
13	Cell-type, allelic, and genetic signatures in the human pancreatic beta cell transcriptome. Genome Research, 2013, 23, 1554-1562.	2.4	161
14	Homologous but not heterologous contact increases the insulin secretion of individual pancreatic B-cells. Experimental Cell Research, 1989, 184, 72-80.	1.2	151
15	Low Concentration of Interleukin-1Â Induces FLICE-Inhibitory Protein-Mediated Â-Cell Proliferation in Human Pancreatic Islets. Diabetes, 2006, 55, 2713-2722.	0.3	151
16	MicroRNAs contribute to compensatory Î² cell expansion during pregnancy and obesity. Journal of Clinical Investigation, 2012, 122, 3541-3551.	3.9	148
17	Connexins: Key Mediators of Endocrine Function. Physiological Reviews, 2011, 91, 1393-1445.	13.1	145
18	Resveratrol Potentiates Glucose-stimulated Insulin Secretion in INS-1E Î²-Cells and Human Islets through a SIRT1-dependent Mechanism. Journal of Biological Chemistry, 2011, 286, 6049-6060.	1.6	145

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19	Aging Correlates With Decreased Î²-Cell Proliferative Capacity and Enhanced Sensitivity to Apoptosis. Diabetes, 2006, 55, 2455-2462.	0.3	144
20	Spittlebugs as vectors of Xylella fastidiosa in olive orchards in Italy. Journal of Pest Science, 2017, 90, 521-530.	1.9	131
21	Islet transplantation versus insulin therapy in patients with type 1 diabetes with severe hypoglycaemia or poorly controlled glycaemia after kidney transplantation (TRIMECO): a multicentre, randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2018, 6, 527-537.	5.5	129
22	ADCY5 Couples Glucose to Insulin Secretion in Human Islets. Diabetes, 2014, 63, 3009-3021.	0.3	124
23	Junctional communication of pancreatic Î² cells contributes to the control of insulin secretion and glucose tolerance. Journal of Clinical Investigation, 2000, 106, 235-243.	3.9	123
24	Dementia is associated with Insulin Resistance in patients with Parkinson's Disease. Journal of the Neurological Sciences, 2012, 315, 39-43.	0.3	121
25	Blockade of Â1 Integrin-Laminin-5 Interaction Affects Spreading and Insulin Secretion of Rat Â-Cells Attached on Extracellular Matrix. Diabetes, 2006, 55, 1413-1420.	0.3	115
26	Bace2 Is a Î² Cell-Enriched Protease that Regulates Pancreatic Î² Cell Function and Mass. Cell Metabolism, 2011, 14, 365-377.	7.2	114
27	Increased and pathologic emperipolesis of neutrophils within megakaryocytes associated with marrow fibrosis in GATA-1low mice. Blood, 2004, 104, 3573-3580.	0.6	107
28	Assessment of a Novel Two-Component Enzyme Preparation for Human Islet Isolation and Transplantation. Transplantation, 2005, 79, 91-97.	0.5	107
29	Insulin-producing organoids engineered from islet and amniotic epithelial cells to treat diabetes. Nature Communications, 2019, 10, 4491.	5.8	106
30	Cx36 makes channels coupling human pancreatic Î²-cells, and correlates with insulin expression. Human Molecular Genetics, 2009, 18, 428-439.	1.4	105
31	Five-Year Metabolic, Functional, and Safety Results of Patients With Type 1 Diabetes Transplanted With Allogenic Islets Within the Swiss-French GRAGIL Network. Diabetes Care, 2015, 38, 1714-1722.	4.3	104
32	Upregulation of Connexin 26 Between Keratinocytes of Psoriatic Lesions. Journal of Investigative Dermatology, 1998, 111, 72-76.	0.3	100
33	Fibrogenic Potential of Human Multipotent Mesenchymal Stromal Cells in Injured Liver. PLoS ONE, 2009, 4, e6657.	1.1	98
34	Activation of NF-ÎºB by Extracellular Matrix Is Involved in Spreading and Glucose-stimulated Insulin Secretion of Pancreatic Beta Cells. Journal of Biological Chemistry, 2005, 280, 30630-30637.	1.6	97
35	Effects of insulinic therapy on cognitive impairment in patients with Alzheimer disease and Diabetes Mellitus type-2. Journal of the Neurological Sciences, 2010, 288, 112-116.	0.3	95
36	The Major Antigenic Membrane Protein of â€œCandidatus Phytoplasma asterisâ€•Selectively Interacts with ATP Synthase and Actin of Leafhopper Vectors. PLoS ONE, 2011, 6, e22571.	1.1	88

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37	In vivo modulation of connexin 43 gene expression and junctional coupling of pancreatic B-cells. Experimental Cell Research, 1991, 192, 469-480.	1.2	84
38	Pancreatic Î±- and Î²-cellular clocks have distinct molecular properties and impact on islet hormone secretion and gene expression. Genes and Development, 2017, 31, 383-398.	2.7	84
39	The Fas pathway is involved in pancreatic beta cell secretory function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2861-2866.	3.3	83
40	Influence of Donor Age on Islet Isolation and Transplantation Outcome. Transplantation, 2011, 91, 360-366.	0.5	80
41	Actively SynthesizingÎ²-Cells Secrete Preferentially after Glucose Stimulation*. Endocrinology, 1991, 129, 3157-3166.	1.4	79
42	Positron-Emission Tomography Imaging of Early Events after Transplantation of Islets of Langerhans. Transplantation, 2005, 79, 353-355.	0.5	75
43	Relative Quantification of Chrysanthemum Yellows (16Sr I) Phytoplasma in Its Plant and Insect Host Using Real-Time Polymerase Chain Reaction. Molecular Biotechnology, 2005, 30, 117-128.	1.3	69
44	Logistics and Transplant Coordination Activity in the GRAGIL Swiss-French Multicenter Network of Islet Transplantation. Transplantation, 2005, 79, 1200-1205.	0.5	67
45	Incretin-Modulated Beta Cell Energetics in Intact Islets of Langerhans. Molecular Endocrinology, 2014, 28, 860-871.	3.7	66
46	Differential expression of E-cadherin at the surface of rat Î²-cells as a marker of functional heterogeneity. Journal of Endocrinology, 2007, 194, 21-29.	1.2	65
47	Protein Kinase A-dependent Phosphorylation of GLUT2 in Pancreatic Î² Cells. Journal of Biological Chemistry, 1996, 271, 8075-8081.	1.6	64
48	Enhanced Secretion of Amylase from Exocrine Pancreas of Connexin32-deficient Mice. Journal of Cell Biology, 1998, 141, 1267-1275.	2.3	62
49	Cadherin Engagement Improves Insulin Secretion of Single Human Î²-Cells. Diabetes, 2015, 64, 887-896.	0.3	60
50	Treatment of fulminant liver failure by transplantation of microencapsulated primary or immortalized xenogeneic hepatocytes. Xenotransplantation, 2005, 12, 457-464.	1.6	56
51	Effects of n-alcohols on junctional coupling and amylase secretion of pancreatic acinar cells. Journal of Cellular Physiology, 1989, 139, 147-156.	2.0	54
52	Effect of the replacement of dietary vegetable oils with a low dose of extravirgin olive oil in the Mediterranean Diet on cognitive functions in the elderly. Journal of Translational Medicine, 2018, 16, 10.	1.8	52
53	Mesenchymal Stem Cells Derived From Human Exocrine Pancreas Express Transcription Factors Implicated in Beta-Cell Development. Pancreas, 2008, 37, 75-84.	0.5	51
54	Role of the Rho-ROCK (Rho-Associated Kinase) Signaling Pathway in the Regulation of Pancreatic Î²-Cell Function. Endocrinology, 2009, 150, 2072-2079.	1.4	50

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55	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. Nature Communications, 2018, 9, 1488.	5.8	50
56	Type 2 Diabetes Susceptibility Gene Expression in Normal or Diabetic Sorted Human Alpha and Beta Cells: Correlations with Age or BMI of Islet Donors. PLoS ONE, 2010, 5, e11053.	1.1	47
57	Sorcin Links Pancreatic Î²-Cell Lipotoxicity to ER Ca2+ Stores. Diabetes, 2016, 65, 1009-1021.	0.3	45
58	Islet Autotransplantation After Extended Pancreatectomy for Focal Benign Disease of the Pancreas. Transplantation, 2011, 91, 895-901.	0.5	43
59	Effect of Microcapsule Composition and Short-Term Immunosuppression on Intraportal Biocompatibility. Cell Transplantation, 2005, 14, 159-167.	1.2	42
60	Role of the major antigenic membrane protein in phytoplasma transmission by two insect vector species. BMC Microbiology, 2015, 15, 193.	1.3	41
61	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic Î²-Cells. Diabetes, 2018, 67, 385-399.	0.3	41
62	Rapamycin Impairs Proliferation of Transplanted Islet Î² Cells. Transplantation, 2011, 91, 714-722.	0.5	41
63	Slow potentials encode intercellular coupling and insulin demand in pancreatic beta cells. Diabetologia, 2015, 58, 1291-1299.	2.9	39
64	Expression and secretion of alpha1-proteinase inhibitor are regulated by proinflammatory cytokines in human pancreatic islet cells. Diabetologia, 2005, 48, 1523-1533.	2.9	38
65	Clozapine for medicationâ€related pathological gambling in Parkinson disease. Movement Disorders, 2010, 25, 1994-1995.	2.2	38
66	The liver receptor homolog-1 (LRH-1) is expressed in human islets and protects Î²-cells against stress-induced apoptosis. Human Molecular Genetics, 2011, 20, 2823-2833.	1.4	37
67	NLRP3 inflammasome is expressed and regulated in human islets. Cell Death and Disease, 2018, 9, 726.	2.7	37
68	Differential acquisition of chrysanthemum yellows phytoplasma by three leafhopper species. Entomologia Experimentalis Et Applicata, 1997, 83, 219-224.	0.7	36
69	Cadherin Engagement Protects Human Î²-Cells from Apoptosis. Endocrinology, 2011, 152, 4601-4609.	1.4	36
70	Hypoxia lowers SLC30A8/ZnT8 expression and free cytosolic Zn2+ in pancreatic beta cells. Diabetologia, 2014, 57, 1635-1644.	2.9	36
71	Assessment of Human Islet Labeling with Clinical Grade Iron Nanoparticles Prior to Transplantation for Graft Monitoring by MRI. Cell Transplantation, 2010, 19, 1573-1585.	1.2	35
72	Proteasome Dysfunction Mediates High Glucose-Induced Apoptosis in Rodent Beta Cells and Human Islets. PLoS ONE, 2014, 9, e92066.	1.1	35

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73	Impairment of renal function after islet transplant alone or islet-after-kidney transplantation using a sirolimus/tacrolimus-based immunosuppressive regimen. Transplant International, 2005, 18, 1226-1230.	0.8	34
74	Computer-Assisted Digital Image Analysis to Quantify the Mass and Purity of Isolated Human Islets Before Transplantation. Transplantation, 2008, 86, 1603-1609.	0.5	33
75	Inflammatory Chemokines MIP-1Î´ and MIP-3Î± Are Involved in the Migration of Multipotent Mesenchymal Stromal Cells Induced by Hepatoma Cells. Stem Cells and Development, 2015, 24, 1223-1235.	1.1	33
76	Generation of insulinâ€secreting organoids: a step toward engineering and transplanting the bioartificial pancreas. Transplant International, 2020, 33, 1577-1588.	0.8	33
77	Opioid Antagonist Naltrexone for the Treatment of Pathological Gambling in Parkinson Disease. Clinical Neuropharmacology, 2012, 35, 118-120.	0.2	32
78	Vector-pathogen-host plant relationships of chrysanthemum yellows (CY) phytoplasma and the vector leafhoppers Macrosteles quadripunctulatus and Euscelidius variegatus. Entomologia Experimentalis Et Applicata, 2001, 99, 347-354.	0.7	31
79	Islet Autotransplantation After Left Pancreatectomy for Nonâ€Enucleable Insulinoma. American Journal of Transplantation, 2003, 3, 1302-1307.	2.6	31
80	Microbial surveillance during human pancreatic islet isolation. Transplant International, 2005, 18, 584-589.	0.8	31
81	Diabetogenic milieus induce specific changes in mitochondrial transcriptome and differentiation of human pancreatic islets. Human Molecular Genetics, 2015, 24, 5270-5284.	1.4	31
82	Loss of ?1 connexin does not alter the prenatal differentiation of pancreatic ? cells and leads to the identification of another islet cell connexin. , 1999, 24, 13-26.		30
83	Variation in vector competency depends on chrysanthemum yellows phytoplasma distribution within Euscelidius variegatus. Entomologia Experimentalis Et Applicata, 2009, 131, 200-207.	0.7	30
84	Macrophage migration inhibitory factor deficiency leads to age-dependent impairment of glucose homeostasis in mice. Journal of Endocrinology, 2010, 206, 297-306.	1.2	30
85	Shielding islets with human amniotic epithelial cells enhances islet engraftment and revascularization in a murine diabetes model. American Journal of Transplantation, 2020, 20, 1551-1561.	2.6	29
86	Impact of the Number of Infusions on 2-Year Results of Islet-After-Kidney Transplantation in the GRAGIL Network. Transplantation, 2011, 92, 1031-1038.	0.5	29
87	Comparative Impact on Islet Isolation and Transplant Outcome of the Preservation Solutions Institut Georges Lopez-1, University of Wisconsin, and Celsior. Transplantation, 2012, 93, 703-708.	0.5	28
88	Impact of legumes and plant proteins consumption on cognitive performances in the elderly. Journal of Translational Medicine, 2017, 15, 109.	1.8	28
89	Chronic fructose renders pancreatic Î²-cells hyper-responsive to glucose-stimulated insulin secretion through extracellular ATP signaling. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E25-E41.	1.8	28
90	Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes. Transplant International, 2021, 35, 10214.	0.8	28

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91	Losartan, an angiotensin II type 1 receptor blocker, protects human islets from glucotoxicity through the phospholipase C pathway. FASEB Journal, 2013, 27, 5122-5130.	0.2	27
92	Cell rearrangement in transplanted human islets. FASEB Journal, 2016, 30, 748-760.	0.2	27
93	Macrophage Depletion Prolongs Discordant but not Concordant Islet Xenograft Survival. Transplantation, 2005, 79, 543-549.	0.5	26
94	Engineering of Primary Pancreatic Islet Cell Spheroids for Three-dimensional Culture or Transplantation: A Methodological Comparative Study. Cell Transplantation, 2020, 29, 096368972093729.	1.2	26
95	Molecular and morphological modifications occurring in rat heart exposed to intermittent hypoxia: role for protein kinase C Î±. Experimental Gerontology, 2004, 39, 395-405.	1.2	25
96	Insulin resistance increases risk of carpal tunnel syndrome: a caseâ€control study. Journal of the Peripheral Nervous System, 2011, 16, 186-190.	1.4	25
97	Pancreatic magnetic resonance imaging after manganese injection distinguishes type 2 diabetic and normoglycemic patients. Islets, 2012, 4, 243-248.	0.9	24
98	Islet of Langerhans isolation from pediatric and juvenile donor pancreases. Transplant International, 2014, 27, 949-955.	0.8	24
99	Kidney-Pancreas Transplantation in a Long-Term Non-Progressor HIV-Infected Recipient. American Journal of Transplantation, 2003, 3, 631-633.	2.6	23
100	Human islet distribution programme for basic research: activity over the last 5Âyears. Diabetologia, 2015, 58, 1138-1140.	2.9	23
101	Anti-CD154 mAb Treatment But Not Recipient CD154 Deficiency Leads to Long-Term Survival of Xenogeneic Islet Grafts. American Journal of Transplantation, 2005, 5, 1021-1031.	2.6	22
102	Survival of Free and Encapsulated Human and Rat Islet Xenografts Transplanted into the Mouse Bone Marrow. PLoS ONE, 2014, 9, e91268.	1.1	22
103	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. Transplantation, 2020, 104, 190-196.	0.5	22
104	DNA-Based Methods for the Detection and the Identification of Phytoplasmas in Insect Vector Extracts. Molecular Biotechnology, 2002, 22, 009-018.	1.3	21
105	Insulin resistance possible risk factor for cognitive impairment in fibromialgic patients. Metabolic Brain Disease, 2013, 28, 619-627.	1.4	21
106	Calcineurin Inhibitor-Free Immunosuppressive Regimen in Type 1 Diabetes Patients Receiving Islet Transplantation. Transplantation, 2014, 98, 1301-1309.	0.5	21
107	Ten-year outcomes of islet transplantation in patients with type 1 diabetes: Data from the Swiss-French GRAGIL network. American Journal of Transplantation, 2021, 21, 3725-3733.	2.6	20
108	Reconstructing Islet Function In Vitro. Advances in Experimental Medicine and Biology, 1997, 426, 285-298.	0.8	20

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109	Heterogeneity and contact-dependent regulation of amylase release by individual acinar cells. Journal of Cellular Physiology, 1994, 160, 378-388.	2.0	19
110	Characterization of putative membrane protein genes of the â€˜Candidatus Phytoplasma asterisâ€™, chrysanthemum yellows isolate. Canadian Journal of Microbiology, 2008, 54, 341-351.	0.8	19
111	Gambling Disorder during Dopamine Replacement Treatment in Parkinsonâ€™s Disease: A Comprehensive Review. BioMed Research International, 2014, 2014, 1-9.	0.9	19
112	A Simple High Efficiency Intra-Islet Transduction Protocol Using Lentiviral Vectors. Current Gene Therapy, 2015, 15, 436-446.	0.9	19
113	Pancreas preservation fluid microbial contamination is associated with poor islet isolation outcomes - a multi-centre cohort study. Transplant International, 2018, 31, 917-929.	0.8	19
114	Hyperinsulinemia-Induced Hypoglycemia Is Enhanced by Overexpression of Connexin 431. Endocrinology, 1997, 138, 2879-2885.	1.4	18
115	Tetracycline-Regulated Expression of VEGF-A in Beta Cells Induces Angiogenesis: Improvement of Engraftment following Transplantation. Cell Transplantation, 2006, 15, 621-636.	1.2	18
116	Glucose metabolism in the idiopathic blepharoptosis: Utility of the Oral Glucose Tolerance Test (OGTT) and of the Insulin Resistance Index. Journal of the Neurological Sciences, 2009, 284, 24-28.	0.3	18
117	Dynamic Uni- and Multicellular Patterns Encode Biphasic Activity in Pancreatic Islets. Diabetes, 2021, 70, 878-888.	0.3	18
118	Transient PAX8 Expression in Islets During Pregnancy Correlates With Î²-Cell Survival, Revealing a Novel Candidate Gene in Gestational Diabetes Mellitus. Diabetes, 2019, 68, 109-118.	0.3	17
119	Transplantation of Discordant Xenogeneic Islets Using Repeated Therapy with Anti-CD154. Transplantation, 2005, 79, 1545-1552.	0.5	16
120	Regulated lamininâ€332 expression in human islets of Langerhans. FASEB Journal, 2009, 23, 4046-4055.	0.2	16
121	Enhancement of Islet Engraftment and Achievement of Long-Term Islet Allograft Survival by Toll-Like Receptor 4 Blockade. Transplantation, 2015, 99, 29-35.	0.5	16
122	Prevalence of Flavescence DorÃ©e Phytoplasma-Infected Scaphoideus titanus in Different Vineyard Agroecosystems of Northwestern Italy. Insects, 2020, 11, 301.	1.0	16
123	Quantification of Islet Loss and Graft Functionality During Immune Rejection by 3-Tesla MRI in a Rat Model. Transplantation, 2013, 96, 438-444.	0.5	15
124	Toll-like receptor 4 inhibition prevents autoimmune diabetes in NOD mice. Scientific Reports, 2019, 9, 19350.	1.6	14
125	Intra-portal injection of 400-mum microcapsules in a large-animal model. Transplant International, 2003, 16, 405-410.	0.8	13
126	Cognitive impairment is correlated with insulin resistance degree: the â€œPA-NICO-studyâ€• Metabolic Brain Disease, 2017, 32, 799-810.	1.4	12

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127	Selection of reference genes from two leafhopper species challenged by phytoplasma infection, for gene expression studies by RT-qPCR. BMC Research Notes, 2013, 6, 409.	0.6	11
128	Leafhopper feeding behaviour on three grapevine cultivars with different susceptibilities to Flavescence dorÃ©e. Journal of Insect Physiology, 2022, 137, 104366.	0.9	11
129	Intra-portal injection of 400-ï¿½m microcapsules in a large-animal model. Transplant International, 2003, 16, 405-410.	0.8	10
130	Beta-Cell-Specific Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5 Aggravates High-Fat Diet-Induced Impairment of Islet Insulin Secretion in Mice. Antioxidants and Redox Signaling, 2020, 32, 618-635.	2.5	10
131	Asymmetrical distribution of Î´ and PP cells in human pancreatic islets. Journal of Endocrinology, 2016, 229, 123-132.	1.2	9
132	Macrophage migration inhibitory factor regulates TLR4 expression and modulates TCR/CD3-mediated activation in CD4+ T lymphocytes. Scientific Reports, 2019, 9, 9380.	1.6	9
133	Immunomodulation by blockade of the TRANCE co-stimulatory pathway in murine allogeneic islet transplantation. Transplant International, 2009, 22, 931-939.	0.8	8
134	Role of Impaired Glucose Metabolism in the Postherpetic Neuralgia. Clinical Journal of Pain, 2013, 29, 733-736.	0.8	8
135	Activation of Nicotinic Acetylcholine Receptors Decreases Apoptosis in Human and Female Murine Pancreatic Islets. Endocrinology, 2016, 157, 3800-3808.	1.4	8
136	Pancreas collagen digestion during islet of Langerhans isolationâ€”a prospective study. Transplant International, 2020, 33, 1516-1528.	0.8	8
137	Differential response to hepatic differentiation stimuli of amniotic epithelial cells isolated from four regions of the amniotic membrane. Journal of Cellular and Molecular Medicine, 2020, 24, 4350-4355.	1.6	8
138	Impact of ischemia time on islet isolation success and posttransplantation outcomes: A retrospective study of 452 pancreas isolations. American Journal of Transplantation, 2021, 21, 1493-1502.	2.6	8
139	NLRP3 Inflammasome is Activated in Rat Pancreatic Islets by Transplantation and Hypoxia. Scientific Reports, 2020, 10, 7011.	1.6	7
140	Susceptibility to flavescence dorÃ©e of different Vitis vinifera genotypes from northâ€western Italy. Plant Pathology, 2021, 70, 511-520.	1.2	7
141	Silencing of ATP synthase Î² reduces phytoplasma multiplication in a leafhopper vector. Journal of Insect Physiology, 2021, 128, 104176.	0.9	7
142	Note: A comparison of molecular diagnostic procedures for the detection of aster yellows phytoplasmas (16Sr-I) in leafhopper vectors. Phytoparasitica, 2004, 32, 141-145.	0.6	6
143	Potential role of the alien planthopper Ricania speculum as vector of Flavescence dorÃ©e phytoplasma. European Journal of Plant Pathology, 2019, 154, 1103-1110.	0.8	6
144	Ultrastructural Modifications and Phosphatidylinositol-3-kinase Expression and Activity in Myocardial Tissue Deriving from Rats in Different Experimental Conditions.. Cell Structure and Function, 2001, 26, 87-93.	0.5	6

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145	Endocrine Secretory Reserve and Proinsulin Processing in Recipients of Islet of Langerhans Versus Whole Pancreas Transplants. Diabetes Care, 2013, 36, 3726-3731.	4.3	5
146	Impact of Antiâ€“Insulin Antibodies on Islet Transplantation Outcome. Transplantation, 2014, 98, 475-482.	0.5	5
147	Islets for Research: Nothing Is Perfect, but We Can Do Better. Diabetes, 2019, 68, 1541-1543.	0.3	5
148	Syndecan-4 is regulated by IL-1Î² in Î²-cells and human islets. Molecular and Cellular Endocrinology, 2020, 510, 110815.	1.6	5
149	Hyperinsulinemia-Induced Hypoglycemia Is Enhanced by Overexpression of Connexin 43. , 0, .		5
150	Isolation of TPO-dependent subclones from the multipotent 32D cell line. Blood Cells, Molecules, and Diseases, 2005, 35, 241-252.	0.6	4
151	Communication of Islet Cells: Molecules and Functions. Growth Hormone, 2001, , 143-163.	0.2	4
152	Assessing Release of Secretory Products from Individual Cells. , 1998, , 197-216.		4
153	Assessment of plasma microvesicles to monitor pancreatic islet graft dysfunction: Beta cell- and leukocyte-derived microvesicles as specific features in a pilot longitudinal study. American Journal of Transplantation, 2020, 20, 40-51.	2.6	2
154	Failure mode and effect analysis in human islet isolation: from the theoretical to the practical risk. Islets, 2021, 13, 1-9.	0.9	2
155	Feasibility and efficacy of combined pancreatic islet-lung transplantation in cystic fibrosis-related diabetesâ€“PIM study: A multicenter phase 1â€“2 trial. American Journal of Transplantation, 2022, 22, 1861-1872.	2.6	2
156	Loss of cellâ€“cell and cellâ€“substrate contacts in single pancreatic Î²â€cells divert insulin release to intracellular vesicular compartments. Biology of the Cell, 2020, 112, 427-438.	0.7	1
157	Biosynthetic Activity Differs Between Islet Cell Types and in Beta Cells Is Modulated by Glucose and Not by Secretion. Endocrinology, 2021, 162, .	1.4	1
158	Dementia and Insulin Resistance. , 2015, , 403-412.		0