Domenico Bosco

List of Publications by Year
in descending order

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163 papers	10,005 citations	31976 53 h-index	42399 92 g-index
166 all docs	166 docs citations	166 times ranked	12772 citing authors

#	Article	IF	Citations
1	Dispersal ofPhilaenus spumarius(Hemiptera: Aphrophoridae), a Vector ofXylella fastidiosa, in Olive Grove and Meadow Agroecosystems. Environmental Entomology, 2021, 50, 267-279.	1.4	21
2	Phenology, Seasonal Abundance, and Host-Plant Association of Spittlebugs (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (A	2.2	13
3	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.	4.7	2
4	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. Transplantation, 2020, 104, 190-196.	1.0	22
5	Recovery from Grapevine Flavescence DorÃ©e in Areas of High Infection Pressure. Agronomy, 2020, 10, 1479.	3.0	4
6	Biology and Prevalence in Northern Italy of Verrallia aucta (Diptera, Pipunculidae), a Parasitoid of Philaenus spumarius (Hemiptera, Aphrophoridae), the Main Vector of Xylella fastidiosa in Europe. Insects, 2020, 11, 607.	2.2	13
7	Prevalence of Flavescence DorÃ©e Phytoplasma-Infected Scaphoideus titanus in Different Vineyard Agroecosystems of Northwestern Italy. Insects, 2020, 11, 301.	2.2	16
8	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.	3.6	8
9	New Viral Sequences Identified in the Flavescence DorÃ©e Phytoplasma Vector Scaphoideus titanus. Viruses, 2020, 12, 287.	3.3	14
10	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.	4.7	29
11	Spittlebugs of Mediterranean Olive Groves: Host-Plant Exploitation throughout the Year. Insects, 2020, 11, 130.	2.2	51
12	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.	5.4	10
13	Islets for Research: Nothing Is Perfect, but We Can Do Better. Diabetes, 2019, 68, 1541-1543.	0.6	5
14	Macrophage migration inhibitory factor regulates TLR4 expression and modulates TCR/CD3-mediated activation in CD4+ T lymphocytes. Scientific Reports, 2019, 9, 9380.	3.3	9
15	Insulin-producing organoids engineered from islet and amniotic epithelial cells to treat diabetes. Nature Communications, 2019, 10, 4491.	12.8	106
16	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.	3.5	28
17	Diabetes relief in mice by glucose-sensing insulin-secreting human Î±-cells. Nature, 2019, 567, 43-48.	27.8	188
18	Toll-like receptor 4 inhibition prevents autoimmune diabetes in NOD mice. Scientific Reports, 2019, 9, 19350.	3.3	14

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19	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.	0.6	17
20	Plant Selection and Population Trend of Spittlebug Immatures (Hemiptera: Aphrophoridae) in Olive Groves of the Apulia Region of Italy. Journal of Economic Entomology, 2019, 112, 67-74.	1.8	42
21	Successful pregnancy and delivery after simultaneous islet-kidney transplantation. American Journal of Transplantation, 2018, 18, 2075-2078.	4.7	5
22	Targeting GLP-1 receptor trafficking to improve agonist efficacy. Nature Communications, 2018, 9, 1602.	12.8	162
23	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. Nature Communications, 2018, 9, 1488.	12.8	50
24	Pancreas preservation fluid microbial contamination is associated with poor islet isolation outcomes - a multi-centre cohort study. Transplant International, 2018, 31, 917-929.	1.6	19
25	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic Î²-Cells. Diabetes, 2018, 67, 385-399.	0.6	41
26	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.	11.4	129
27	NLRP3 inflammasome is expressed and regulated in human islets. Cell Death and Disease, 2018, 9, 726.	6.3	37
28	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.	4.4	52
29	Cognitive impairment is correlated with insulin resistance degree: the â€œPA-NICO-studyâ€: Metabolic Brain Disease, 2017, 32, 799-810.	2.9	12
30	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.	5.9	84
31	Impact of legumes and plant proteins consumption on cognitive performances in the elderly. Journal of Translational Medicine, 2017, 15, 109.	4.4	28
32	Acquisition of Flavescence DorÃ©e Phytoplasma by Scaphoideus titanus Ball from Different Grapevine Varieties. International Journal of Molecular Sciences, 2016, 17, 1563.	4.1	18
33	Activation of Nicotinic Acetylcholine Receptors Decreases Apoptosis in Human and Female Murine Pancreatic Islets. Endocrinology, 2016, 157, 3800-3808.	2.8	8
34	Beta Cell Hubs Dictate Pancreatic Islet Responses toÂGlucose. Cell Metabolism, 2016, 24, 389-401.	16.2	370
35	Sorcin Links Pancreatic Î²-Cell Lipotoxicity to ER Ca2+ Stores. Diabetes, 2016, 65, 1009-1021.	0.6	45
36	Cell rearrangement in transplanted human islets. FASEB Journal, 2016, 30, 748-760.	0.5	27

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37	Asymmetrical distribution of Î´ and PP cells in human pancreatic islets. Journal of Endocrinology, 2016, 229, 123-132.	2.6	9
38	Role of the major antigenic membrane protein in phytoplasma transmission by two insect vector species. BMC Microbiology, 2015, 15, 193.	3.3	41
39	A Simple High Efficiency Intra-Islet Transduction Protocol Using Lentiviral Vectors. Current Gene Therapy, 2015, 15, 436-446.	2.0	19
40	Cadherin Engagement Improves Insulin Secretion of Single Human Î²-Cells. Diabetes, 2015, 64, 887-896.	0.6	60
41	The microRNA-200 family regulates pancreatic beta cell survival in type 2 diabetes. Nature Medicine, 2015, 21, 619-627.	30.7	236
42	Human islet distribution programme for basic research: activity over the last 5Âyears. Diabetologia, 2015, 58, 1138-1140.	6.3	23
43	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.	2.1	33
44	Diabetogenic milieus induce specific changes in mitochondrial transcriptome and differentiation of human pancreatic islets. Human Molecular Genetics, 2015, 24, 5270-5284.	2.9	31
45	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.	8.6	104
46	Slow potentials encode intercellular coupling and insulin demand in pancreatic beta cells. Diabetologia, 2015, 58, 1291-1299.	6.3	39
47	Dementia and Insulin Resistance. , 2015, , 403-412.		0
48	Enhancement of Islet Engraftment and Achievement of Long-Term Islet Allograft Survival by Toll-Like Receptor 4 Blockade. Transplantation, 2015, 99, 29-35.	1.0	16
49	Pathological gambling associated with CADASIL: an unusual manifestation. Neurological Sciences, 2015, 36, 1963-1965.	1.9	2
50	Proteasome Dysfunction Mediates High Glucose-Induced Apoptosis in Rodent Beta Cells and Human Islets. PLoS ONE, 2014, 9, e92066.	2.5	35
51	Survival of Free and Encapsulated Human and Rat Islet Xenografts Transplanted into the Mouse Bone Marrow. PLoS ONE, 2014, 9, e91268.	2.5	22
52	Infectivity and Transmission of <I>Xylella fastidiosa</I> by <I>Philaenus spumarius</I> (Hemiptera: Aphrophoridae) in Apulia, Italy. Journal of Economic Entomology, 2014, 107, 1316-1319.	1.8	152
53	Gambling Disorder during Dopamine Replacement Treatment in Parkinsonâ€™s Disease: A Comprehensive Review. BioMed Research International, 2014, 2014, 1-9.	1.9	19
54	Incretin-Modulated Beta Cell Energetics in Intact Islets of Langerhans. Molecular Endocrinology, 2014, 28, 860-871.	3.7	66

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55	Islet of Langerhans isolation from pediatric and juvenile donor pancreases. Transplant International, 2014, 27, 949-955.	1.6	24
56	Calcineurin Inhibitor-Free Immunosuppressive Regimen in Type 1 Diabetes Patients Receiving Islet Transplantation. Transplantation, 2014, 98, 1301-1309.	1.0	21
57	Cortical volume and folding abnormalities in Parkinson's disease patients with pathological gambling. Parkinsonism and Related Disorders, 2014, 20, 1209-1214.	2.2	36
58	ADCY5 Couples Glucose to Insulin Secretion in Human Islets. Diabetes, 2014, 63, 3009-3021.	0.6	124
59	Hypoxia lowers SLC30A8/ZnT8 expression and free cytosolic Zn2+ in pancreatic beta cells. Diabetologia, 2014, 57, 1635-1644.	6.3	36
60	Acquisition capability of the grapevine Flavescence dorÃ©e by the leafhopper vector Scaphoideus titanus Ball correlates with phytoplasma titre in the source plant. Journal of Pest Science, 2014, 87, 671-679.	3.7	42
61	Impact of Antiâ€“Insulin Antibodies on Islet Transplantation Outcome. Transplantation, 2014, 98, 475-482.	1.0	5
62	Insulin resistance possible risk factor for cognitive impairment in fibromialgic patients. Metabolic Brain Disease, 2013, 28, 619-627.	2.9	21
63	Cell-type, allelic, and genetic signatures in the human pancreatic beta cell transcriptome. Genome Research, 2013, 23, 1554-1562.	5.5	161
64	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.	1.4	11
65	Losartan, an angiotensin II type 1 receptor blocker, protects human islets from glucotoxicity through the phospholipase C pathway. FASEB Journal, 2013, 27, 5122-5130.	0.5	27
66	A Stage-Structured Model ofScaphoideus titanusin Vineyards. Environmental Entomology, 2013, 42, 181-193.	1.4	11
67	Role of Impaired Glucose Metabolism in the Postherpetic Neuralgia. Clinical Journal of Pain, 2013, 29, 733-736.	1.9	8
68	Endocrine Secretory Reserve and Proinsulin Processing in Recipients of Islet of Langerhans Versus Whole Pancreas Transplants. Diabetes Care, 2013, 36, 3726-3731.	8.6	5
69	Quantification of Islet Loss and Graft Functionality During Immune Rejection by 3-Tesla MRI in a Rat Model. Transplantation, 2013, 96, 438-444.	1.0	15
70	The Effect of Lipoic Acid Therapy on Cognitive Functioning in Patients with Alzheimer's Disease. Journal of Neurodegenerative Diseases, 2013, 2013, 1-7.	1.1	42
71	Lipotoxicity disrupts incretin-regulated human Î² cell connectivity. Journal of Clinical Investigation, 2013, 123, 4182-4194.	8.2	203
72	Opioid Antagonist Naltrexone for the Treatment of Pathological Gambling in Parkinson Disease. Clinical Neuropharmacology, 2012, 35, 118-120.	0.7	32

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73	Pancreatic magnetic resonance imaging after manganese injection distinguishes type 2 diabetic and normoglycemic patients. Islets, 2012, 4, 243-248.	1.8	24
74	Is There any Genetic Variation among Native Mexican and Argentinian Populations ofDalbulus maidis(Hemiptera: Cicadellidae)?. Florida Entomologist, 2012, 95, 150-155.	0.5	18
75	MicroRNAs contribute to compensatory Î² cell expansion during pregnancy and obesity. Journal of Clinical Investigation, 2012, 122, 3541-3551.	8.2	148
76	Motor Cortex Stimulation in Parkinson's Disease. Neurology Research International, 2012, 2012, 1-7.	1.3	19
77	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.	1.0	28
78	Dementia is associated with Insulin Resistance in patients with Parkinson's Disease. Journal of the Neurological Sciences, 2012, 315, 39-43.	0.6	121
79	One-pot synthesis of lignin-stabilised platinum and palladium nanoparticles and their catalytic behaviour in oxidation and reduction reactions. Green Chemistry, 2012, 14, 1073.	9.0	197
80	Connexins: Key Mediators of Endocrine Function. Physiological Reviews, 2011, 91, 1393-1445.	28.8	145
81	Bace2 Is a Î² Cell-Enriched Protease that Regulates Pancreatic Î² Cell Function and Mass. Cell Metabolism, 2011, 14, 365-377.	16.2	114
82	Cadherin Engagement Protects Human Î²-Cells from Apoptosis. Endocrinology, 2011, 152, 4601-4609.	2.8	36
83	Influence of Donor Age on Islet Isolation and Transplantation Outcome. Transplantation, 2011, 91, 360-366.	1.0	80
84	Islet Autotransplantation After Extended Pancreatectomy for Focal Benign Disease of the Pancreas. Transplantation, 2011, 91, 895-901.	1.0	43
85	Insulin resistance increases risk of carpal tunnel syndrome: a caseâ€control study. Journal of the Peripheral Nervous System, 2011, 16, 186-190.	3.1	25
86	Possible implications of insulin resistance and glucose metabolism in Alzheimerâ€™s disease pathogenesis. Journal of Cellular and Molecular Medicine, 2011, 15, 1807-1821.	3.6	223
87	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.	2.9	37
88	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.	3.4	145
89	Effect of Host Plant Tissue on the Vector Transmission of Grapevine Leafroll-Associated Virus 3. Journal of Economic Entomology, 2011, 104, 1480-1485.	1.8	8
90	Rapamycin Impairs Proliferation of Transplanted Islet Î² Cells. Transplantation, 2011, 91, 714-722.	1.0	41

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91	Impact of the Number of Infusions on 2-Year Results of Islet-After-Kidney Transplantation in the GRAGIL Network. Transplantation, 2011, 92, 1031-1038.	1.0	29
92	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.	2.5	88
93	Assessment of Human Islet Labeling with Clinical Grade Iron Nanoparticles Prior to Transplantation for Graft Monitoring by MRI. Cell Transplantation, 2010, 19, 1573-1585.	2.5	35
94	Effects of Pseudomonas putida S1Pf1Rif Against Chrysanthemum Yellows Phytoplasma Infection. Phytopathology, 2010, 100, 805-813.	2.2	25
95	Complete oculomotor palsy caused by persistent trigeminal artery. Neurological Sciences, 2010, 31, 657-659.	1.9	21
96	Survey of mealybug (Hemiptera: Pseudococcidae) vectors of Ampelovirus and Vitivirus in vineyards of northwestern Italy. Phytoparasitica, 2010, 38, 401-409.	1.2	34
97	Clozapine for medicationâ€related pathological gambling in Parkinson disease. Movement Disorders, 2010, 25, 1994-1995.	3.9	38
98	Molecular identification of the Hyalesthes species (Hemiptera: Cixiidae) occurring in vineyard agroecosystems. Annals of Applied Biology, 2010, 157, 435-445.	2.5	14
99	A map of open chromatin in human pancreatic islets. Nature Genetics, 2010, 42, 255-259.	21.4	515
100	Macrophage migration inhibitory factor deficiency leads to age-dependent impairment of glucose homeostasis in mice. Journal of Endocrinology, 2010, 206, 297-306.	2.6	30
101	Unique Arrangement of Î±- and Î²-Cells in Human Islets of Langerhans. Diabetes, 2010, 59, 1202-1210.	0.6	361
102	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.	0.6	95
103	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.	2.5	47
104	Fibrogenic Potential of Human Multipotent Mesenchymal Stromal Cells in Injured Liver. PLoS ONE, 2009, 4, e6657.	2.5	98
105	Regulated laminin€332 expression in human islets of Langerhans. FASEB Journal, 2009, 23, 4046-4055.	0.5	16
106	Role of the Rho-ROCK (Rho-Associated Kinase) Signaling Pathway in the Regulation of Pancreatic Î²-Cell Function. Endocrinology, 2009, 150, 2072-2079.	2.8	50
107	Cx36 makes channels coupling human pancreatic Î²-cells, and correlates with insulin expression. Human Molecular Genetics, 2009, 18, 428-439.	2.9	105
108	Variation in vector competency depends on chrysanthemum yellows phytoplasma distribution within Euscelidius variegatus. Entomologia Experimentalis Et Applicata, 2009, 131, 200-207.	1.4	30

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109	Immunomodulation by blockade of the TRANCE co-stimulatory pathway in murine allogeneic islet transplantation. Transplant International, 2009, 22, 931-939.	1.6	8
110	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.	0.6	18
111	Role of the Oral Glucose Tolerance Test (OGTT) in the idiopathic restless legs syndrome. Journal of the Neurological Sciences, 2009, 287, 60-63.	0.6	21
112	Deletion of the Mitochondrial Flavoprotein Apoptosis Inducing Factor (AIF) Induces Î²-Cell Apoptosis and Impairs Î²-Cell Mass. PLoS ONE, 2009, 4, e4394.	2.5	18
113	Characterization of putative membrane protein genes of the â€˜Candidatus Phytoplasma asterisâ€™, chrysanthemum yellows isolate. Canadian Journal of Microbiology, 2008, 54, 341-351.	1.7	19
114	The Role of Macrophage Migration Inhibitory Factor in Mouse Islet Transplantation. Transplantation, 2008, 86, 1361-1369.	1.0	20
115	Computer-Assisted Digital Image Analysis to Quantify the Mass and Purity of Isolated Human Islets Before Transplantation. Transplantation, 2008, 86, 1603-1609.	1.0	33
116	Mesenchymal Stem Cells Derived From Human Exocrine Pancreas Express Transcription Factors Implicated in Beta-Cell Development. Pancreas, 2008, 37, 75-84.	1.1	51
117	Combined Pancreatic Islet-Lung Transplantation With Islet Percutaneous Portal Embolization in Cystic Fibrosis. Transplantation, 2008, 85, 1670-1671.	1.0	11
118	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.	7.1	83
119	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.	2.6	65
120	SUNCT and high nocturnal prolactin levels: some new unusual characteristics. Journal of Headache and Pain, 2007, 8, 114-118.	6.0	12
121	Tetracycline-Regulated Expression of VEGF-A in Beta Cells Induces Angiogenesis: Improvement of Engraftment following Transplantation. Cell Transplantation, 2006, 15, 621-636.	2.5	18
122	PCR-RFLP identification ofBemisia tabaci biotypes in the Mediterranean Basin. Phytoparasitica, 2006, 34, 243-251.	1.2	58
123	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.	0.6	115
124	Aging Correlates With Decreased Î²-Cell Proliferative Capacity and Enhanced Sensitivity to Apoptosis. Diabetes, 2006, 55, 2455-2462.	0.6	144
125	Low Concentration of Interleukin-1Â Induces FLICE-Inhibitory Protein-Mediated Â-Cell Proliferation in Human Pancreatic Islets. Diabetes, 2006, 55, 2713-2722.	0.6	151
126	Transplantation of Discordant Xenogeneic Islets Using Repeated Therapy with Anti-CD154. Transplantation, 2005, 79, 1545-1552.	1.0	16

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127	Macrophage Depletion Prolongs Discordant but not Concordant Islet Xenograft Survival. Transplantation, 2005, 79, 543-549.	1.0	26
128	Islet Transplantation in a Recipient Presenting the Factor V Leiden Mutation. Transplantation, 2005, 79, 1771-1772.	1.0	3
129	Positron-Emission Tomography Imaging of Early Events after Transplantation of Islets of Langerhans. Transplantation, 2005, 79, 353-355.	1.0	75
130	Logistics and Transplant Coordination Activity in the GRAGIL Swiss-French Multicenter Network of Islet Transplantation. Transplantation, 2005, 79, 1200-1205.	1.0	67
131	Assessment of a Novel Two-Component Enzyme Preparation for Human Islet Isolation and Transplantation. Transplantation, 2005, 79, 91-97.	1.0	107
132	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.	2.4	69
133	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.	3.2	254
134	Treatment of fulminant liver failure by transplantation of microencapsulated primary or immortalized xenogeneic hepatocytes. Xenotransplantation, 2005, 12, 457-464.	2.8	56
135	Microbial surveillance during human pancreatic islet isolation. Transplant International, 2005, 18, 584-589.	1.6	31
136	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.	1.6	34
137	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.	4.7	22
138	Expression and secretion of alpha1-proteinase inhibitor are regulated by proinflammatory cytokines in human pancreatic islet cells. Diabetologia, 2005, 48, 1523-1533.	6.3	38
139	Effect of Microcapsule Composition and Short-Term Immunosuppression on Intraportal Biocompatibility. Cell Transplantation, 2005, 14, 159-167.	2.5	42
140	Sulfonylurea Induced Î²-Cell Apoptosis in Cultured Human Islets. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 501-506.	3.6	307
141	Inhibition of calpain blocks pancreatic Î²-cell spreading and insulin secretion. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E313-E321.	3.5	14
142	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.	3.4	97
143	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.	7.1	234
144	Molecular and morphological modifications occurring in rat heart exposed to intermittent hypoxia: role for protein kinase C Î±. Experimental Gerontology, 2004, 39, 395-405.	2.8	25

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145	Note: A comparison of molecular diagnostic procedures for the detection of aster yellows phytoplasmas (16Sr-I) in leafhopper vectors. Phytoparasitica, 2004, 32, 141-145.	1.2	6
146	Extracellular Matrix Protects Pancreatic Â-Cells Against Apoptosis: Role of Short- and Long-Term Signaling Pathways. Diabetes, 2004, 53, 2034-2041.	0.6	168
147	Increased and pathologic emperipolesis of neutrophils within megakaryocytes associated with marrow fibrosis in GATA-1low mice. Blood, 2004, 104, 3573-3580.	1.4	107
148	Intra-portal injection of 400-ï¿½m microcapsules in a large-animal model. Transplant International, 2003, 16, 405-410.	1.6	10
149	Kidney-Pancreas Transplantation in a Long-Term Non-Progressor HIV-Infected Recipient. American Journal of Transplantation, 2003, 3, 631-633.	4.7	23
150	Islet Autotransplantation After Left Pancreatectomy for Nonâ€Enucleable Insulinoma. American Journal of Transplantation, 2003, 3, 1302-1307.	4.7	31
151	Insulin independence after conversion to tacrolimus and sirolimus-based immunosuppression in islet-kidney recipients. Transplantation, 2003, 76, 1133-1134.	1.0	8
152	Glucokinase and glucokinase regulatory protein: mutual dependence for nuclear localization. Biochemical Journal, 2000, 348, 215.	3.7	14
153	Junctional communication of pancreatic Î² cells contributes to the control of insulin secretion and glucose tolerance. Journal of Clinical Investigation, 2000, 106, 235-243.	8.2	123
154	Upregulation of Connexin 26 Between Keratinocytes of Psoriatic Lesions. Journal of Investigative Dermatology, 1998, 111, 72-76.	0.7	100
155	Enhanced Secretion of Amylase from Exocrine Pancreas of Connexin32-deficient Mice. Journal of Cell Biology, 1998, 141, 1267-1275.	5.2	62
156	Cellular Aggregation in the Pancreas. New England Journal of Medicine, 1998, 338, 435-435.	27.0	0
157	Hyperinsulinemia-Induced Hypoglycemia Is Enhanced by Overexpression of Connexin 431. Endocrinology, 1997, 138, 2879-2885.	2.8	18
158	Protein Kinase A-dependent Phosphorylation of GLUT2 in Pancreatic Î² Cells. Journal of Biological Chemistry, 1996, 271, 8075-8081.	3.4	64
159	Heterogeneity and contactâ€dependent regulation of amylase release by individual acinar cells. Journal of Cellular Physiology, 1994, 160, 378-388.	4.1	19
160	In vivo modulation of connexin 43 gene expression and junctional coupling of pancreatic B-cells. Experimental Cell Research, 1991, 192, 469-480.	2.6	84
161	Actively SynthesizingÎ²-Cells Secrete Preferentially after Glucose Stimulation*. Endocrinology, 1991, 129, 3157-3166.	2.8	79
162	Effects of n-alcohols on junctional coupling and amylase secretion of pancreatic acinar cells. Journal of Cellular Physiology, 1989, 139, 147-156.	4.1	54

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163	Homologous but not heterologous contact increases the insulin secretion of individual pancreatic B-cells. Experimental Cell Research, 1989, 184, 72-80.	2.6	151