

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
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166
all docs

166
docs citations

166
times ranked

12772
citing authors

#	ARTICLE	IF	CITATIONS
1	A map of open chromatin in human pancreatic islets. <i>Nature Genetics</i> , 2010, 42, 255-259.	21.4	515
2	Beta Cell Hubs Dictate Pancreatic Islet Responses to Glucose. <i>Cell Metabolism</i> , 2016, 24, 389-401.	16.2	370
3	Unique Arrangement of β - and β ² -Cells in Human Islets of Langerhans. <i>Diabetes</i> , 2010, 59, 1202-1210.	0.6	361
4	Sulfonylurea Induced β ² -Cell Apoptosis in Cultured Human Islets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 501-506.	3.6	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. <i>Stem Cells</i> , 2005, 23, 594-603.	3.2	254
6	The microRNA-200 family regulates pancreatic beta cell survival in type 2 diabetes. <i>Nature Medicine</i> , 2015, 21, 619-627.	30.7	236
7	Leptin modulates β cell expression of IL-1 receptor antagonist and release of IL-1 β in human islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8138-8143.	7.1	234
8	Possible implications of insulin resistance and glucose metabolism in Alzheimer's disease pathogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1807-1821.	3.6	223
9	Lipotoxicity disrupts incretin-regulated human β ² cell connectivity. <i>Journal of Clinical Investigation</i> , 2013, 123, 4182-4194.	8.2	203
10	One-pot synthesis of lignin-stabilised platinum and palladium nanoparticles and their catalytic behaviour in oxidation and reduction reactions. <i>Green Chemistry</i> , 2012, 14, 1073.	9.0	197
11	Diabetes relief in mice by glucose-sensing insulin-secreting human β ² -cells. <i>Nature</i> , 2019, 567, 43-48.	27.8	188
12	Extracellular Matrix Protects Pancreatic β -Cells Against Apoptosis: Role of Short- and Long-Term Signaling Pathways. <i>Diabetes</i> , 2004, 53, 2034-2041.	0.6	168
13	Targeting GLP-1 receptor trafficking to improve agonist efficacy. <i>Nature Communications</i> , 2018, 9, 1602.	12.8	162
14	Cell-type, allelic, and genetic signatures in the human pancreatic beta cell transcriptome. <i>Genome Research</i> , 2013, 23, 1554-1562.	5.5	161
15	Infectivity and Transmission of <i>Xylella fastidiosa</i> by <i>Philaeus spumarius</i> (Hemiptera: Aphrophoridae) in Apulia, Italy. <i>Journal of Economic Entomology</i> , 2014, 107, 1316-1319.	1.8	152
16	Homologous but not heterologous contact increases the insulin secretion of individual pancreatic B-cells. <i>Experimental Cell Research</i> , 1989, 184, 72-80.	2.6	151
17	Low Concentration of Interleukin-1 β Induces FLICE-Inhibitory Protein-Mediated β -Cell Proliferation in Human Pancreatic Islets. <i>Diabetes</i> , 2006, 55, 2713-2722.	0.6	151
18	MicroRNAs contribute to compensatory β ² cell expansion during pregnancy and obesity. <i>Journal of Clinical Investigation</i> , 2012, 122, 3541-3551.	8.2	148

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19	Connexins: Key Mediators of Endocrine Function. <i>Physiological Reviews</i> , 2011, 91, 1393-1445.	28.8	145
20	Resveratrol Potentiates Glucose-stimulated Insulin Secretion in INS-1E β -Cells and Human Islets through a SIRT1-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 6049-6060.	3.4	145
21	Aging Correlates With Decreased β -Cell Proliferative Capacity and Enhanced Sensitivity to Apoptosis. <i>Diabetes</i> , 2006, 55, 2455-2462.	0.6	144
22	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. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 527-537.	11.4	129
23	ADCY5 Couples Glucose to Insulin Secretion in Human Islets. <i>Diabetes</i> , 2014, 63, 3009-3021.	0.6	124
24	Junctional communication of pancreatic β cells contributes to the control of insulin secretion and glucose tolerance. <i>Journal of Clinical Investigation</i> , 2000, 106, 235-243.	8.2	123
25	Dementia is associated with Insulin Resistance in patients with Parkinson's Disease. <i>Journal of the Neurological Sciences</i> , 2012, 315, 39-43.	0.6	121
26	Blockade of α 1 Integrin-Laminin-5 Interaction Affects Spreading and Insulin Secretion of Rat β -Cells Attached on Extracellular Matrix. <i>Diabetes</i> , 2006, 55, 1413-1420.	0.6	115
27	Bace2 Is a β Cell-Enriched Protease that Regulates Pancreatic β Cell Function and Mass. <i>Cell Metabolism</i> , 2011, 14, 365-377.	16.2	114
28	Increased and pathologic emperipolesis of neutrophils within megakaryocytes associated with marrow fibrosis in GATA-1low mice. <i>Blood</i> , 2004, 104, 3573-3580.	1.4	107
29	Assessment of a Novel Two-Component Enzyme Preparation for Human Islet Isolation and Transplantation. <i>Transplantation</i> , 2005, 79, 91-97.	1.0	107
30	Insulin-producing organoids engineered from islet and amniotic epithelial cells to treat diabetes. <i>Nature Communications</i> , 2019, 10, 4491.	12.8	106
31	Cx36 makes channels coupling human pancreatic β -cells, and correlates with insulin expression. <i>Human Molecular Genetics</i> , 2009, 18, 428-439.	2.9	105
32	Five-Year Metabolic, Functional, and Safety Results of Patients With Type 1 Diabetes Transplanted With Allogenic Islets Within the Swiss-French GRAGIL Network. <i>Diabetes Care</i> , 2015, 38, 1714-1722.	8.6	104
33	Upregulation of Connexin 26 Between Keratinocytes of Psoriatic Lesions. <i>Journal of Investigative Dermatology</i> , 1998, 111, 72-76.	0.7	100
34	Fibrogenic Potential of Human Multipotent Mesenchymal Stromal Cells in Injured Liver. <i>PLoS ONE</i> , 2009, 4, e6657.	2.5	98
35	Activation of NF- κ B by Extracellular Matrix Is Involved in Spreading and Glucose-stimulated Insulin Secretion of Pancreatic Beta Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 30630-30637.	3.4	97
36	Effects of insulinic therapy on cognitive impairment in patients with Alzheimer disease and Diabetes Mellitus type-2. <i>Journal of the Neurological Sciences</i> , 2010, 288, 112-116.	0.6	95

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37	The Major Antigenic Membrane Protein of <i>Candidatus Phytoplasma asteris</i> Selectively Interacts with ATP Synthase and Actin of Leafhopper Vectors. <i>PLoS ONE</i> , 2011, 6, e22571.	2.5	88
38	In vivo modulation of connexin 43 gene expression and junctional coupling of pancreatic B-cells. <i>Experimental Cell Research</i> , 1991, 192, 469-480.	2.6	84
39	Pancreatic β - and δ -cellular clocks have distinct molecular properties and impact on islet hormone secretion and gene expression. <i>Genes and Development</i> , 2017, 31, 383-398.	5.9	84
40	The Fas pathway is involved in pancreatic beta cell secretory function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2861-2866.	7.1	83
41	Influence of Donor Age on Islet Isolation and Transplantation Outcome. <i>Transplantation</i> , 2011, 91, 360-366.	1.0	80
42	Actively Synthesizing β -Cells Secrete Preferentially after Glucose Stimulation*. <i>Endocrinology</i> , 1991, 129, 3157-3166.	2.8	79
43	Positron-Emission Tomography Imaging of Early Events after Transplantation of Islets of Langerhans. <i>Transplantation</i> , 2005, 79, 353-355.	1.0	75
44	Relative Quantification of Chrysanthemum Yellows (16Sr I) Phytoplasma in Its Plant and Insect Host Using Real-Time Polymerase Chain Reaction. <i>Molecular Biotechnology</i> , 2005, 30, 117-128.	2.4	69
45	Logistics and Transplant Coordination Activity in the GRAGIL Swiss-French Multicenter Network of Islet Transplantation. <i>Transplantation</i> , 2005, 79, 1200-1205.	1.0	67
46	Incretin-Modulated Beta Cell Energetics in Intact Islets of Langerhans. <i>Molecular Endocrinology</i> , 2014, 28, 860-871.	3.7	66
47	Differential expression of E-cadherin at the surface of rat β -cells as a marker of functional heterogeneity. <i>Journal of Endocrinology</i> , 2007, 194, 21-29.	2.6	65
48	Protein Kinase A-dependent Phosphorylation of GLUT2 in Pancreatic β Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 8075-8081.	3.4	64
49	Enhanced Secretion of Amylase from Exocrine Pancreas of Connexin32-deficient Mice. <i>Journal of Cell Biology</i> , 1998, 141, 1267-1275.	5.2	62
50	Cadherin Engagement Improves Insulin Secretion of Single Human β -Cells. <i>Diabetes</i> , 2015, 64, 887-896.	0.6	60
51	PCR-RFLP identification of <i>Bemisia tabaci</i> biotypes in the Mediterranean Basin. <i>Phytoparasitica</i> , 2006, 34, 243-251.	1.2	58
52	Treatment of fulminant liver failure by transplantation of microencapsulated primary or immortalized xenogeneic hepatocytes. <i>Xenotransplantation</i> , 2005, 12, 457-464.	2.8	56
53	Effects of n-alcohols on junctional coupling and amylase secretion of pancreatic acinar cells. <i>Journal of Cellular Physiology</i> , 1989, 139, 147-156.	4.1	54
54	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. <i>Journal of Translational Medicine</i> , 2018, 16, 10.	4.4	52

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55	Mesenchymal Stem Cells Derived From Human Exocrine Pancreas Express Transcription Factors Implicated in Beta-Cell Development. <i>Pancreas</i> , 2008, 37, 75-84.	1.1	51
56	Spittlebugs of Mediterranean Olive Groves: Host-Plant Exploitation throughout the Year. <i>Insects</i> , 2020, 11, 130.	2.2	51
57	Role of the Rho-ROCK (Rho-Associated Kinase) Signaling Pathway in the Regulation of Pancreatic β -Cell Function. <i>Endocrinology</i> , 2009, 150, 2072-2079.	2.8	50
58	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. <i>Nature Communications</i> , 2018, 9, 1488.	12.8	50
59	Type 2 Diabetes Susceptibility Gene Expression in Normal or Diabetic Sorted Human Alpha and Beta Cells: Correlations with Age or BMI of Islet Donors. <i>PLoS ONE</i> , 2010, 5, e11053.	2.5	47
60	Sorcin Links Pancreatic β -Cell Lipotoxicity to ER Ca ²⁺ Stores. <i>Diabetes</i> , 2016, 65, 1009-1021.	0.6	45
61	Islet Autotransplantation After Extended Pancreatectomy for Focal Benign Disease of the Pancreas. <i>Transplantation</i> , 2011, 91, 895-901.	1.0	43
62	Effect of Microcapsule Composition and Short-Term Immunosuppression on Intraportal Biocompatibility. <i>Cell Transplantation</i> , 2005, 14, 159-167.	2.5	42
63	The Effect of Lipoic Acid Therapy on Cognitive Functioning in Patients with Alzheimer's Disease. <i>Journal of Neurodegenerative Diseases</i> , 2013, 2013, 1-7.	1.1	42
64	Acquisition capability of the grapevine Flavescence dorée by the leafhopper vector Scaphoideus titanus Ball correlates with phytoplasma titre in the source plant. <i>Journal of Pest Science</i> , 2014, 87, 671-679.	3.7	42
65	Plant Selection and Population Trend of Spittlebug Immatures (Hemiptera: Aphrophoridae) in Olive Groves of the Apulia Region of Italy. <i>Journal of Economic Entomology</i> , 2019, 112, 67-74.	1.8	42
66	Role of the major antigenic membrane protein in phytoplasma transmission by two insect vector species. <i>BMC Microbiology</i> , 2015, 15, 193.	3.3	41
67	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic β -Cells. <i>Diabetes</i> , 2018, 67, 385-399.	0.6	41
68	Rapamycin Impairs Proliferation of Transplanted Islet β Cells. <i>Transplantation</i> , 2011, 91, 714-722.	1.0	41
69	Slow potentials encode intercellular coupling and insulin demand in pancreatic beta cells. <i>Diabetologia</i> , 2015, 58, 1291-1299.	6.3	39
70	Expression and secretion of alpha1-proteinase inhibitor are regulated by proinflammatory cytokines in human pancreatic islet cells. <i>Diabetologia</i> , 2005, 48, 1523-1533.	6.3	38
71	Clozapine for medication-related pathological gambling in Parkinson disease. <i>Movement Disorders</i> , 2010, 25, 1994-1995.	3.9	38
72	The liver receptor homolog-1 (LRH-1) is expressed in human islets and protects β -cells against stress-induced apoptosis. <i>Human Molecular Genetics</i> , 2011, 20, 2823-2833.	2.9	37

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73	NLRP3 inflammasome is expressed and regulated in human islets. <i>Cell Death and Disease</i> , 2018, 9, 726.	6.3	37
74	Cadherin Engagement Protects Human β -Cells from Apoptosis. <i>Endocrinology</i> , 2011, 152, 4601-4609.	2.8	36
75	Cortical volume and folding abnormalities in Parkinson's disease patients with pathological gambling. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1209-1214.	2.2	36
76	Hypoxia lowers SLC30A8/ZnT8 expression and free cytosolic Zn ²⁺ in pancreatic beta cells. <i>Diabetologia</i> , 2014, 57, 1635-1644.	6.3	36
77	Assessment of Human Islet Labeling with Clinical Grade Iron Nanoparticles Prior to Transplantation for Graft Monitoring by MRI. <i>Cell Transplantation</i> , 2010, 19, 1573-1585.	2.5	35
78	Proteasome Dysfunction Mediates High Glucose-Induced Apoptosis in Rodent Beta Cells and Human Islets. <i>PLoS ONE</i> , 2014, 9, e92066.	2.5	35
79	Impairment of renal function after islet transplant alone or islet-after-kidney transplantation using a sirolimus/tacrolimus-based immunosuppressive regimen. <i>Transplant International</i> , 2005, 18, 1226-1230.	1.6	34
80	Survey of mealybug (Hemiptera: Pseudococcidae) vectors of Ampelovirus and Vitivirus in vineyards of northwestern Italy. <i>Phytoparasitica</i> , 2010, 38, 401-409.	1.2	34
81	Computer-Assisted Digital Image Analysis to Quantify the Mass and Purity of Isolated Human Islets Before Transplantation. <i>Transplantation</i> , 2008, 86, 1603-1609.	1.0	33
82	Inflammatory Chemokines MIP-1 β and MIP-3 α Are Involved in the Migration of Multipotent Mesenchymal Stromal Cells Induced by Hepatoma Cells. <i>Stem Cells and Development</i> , 2015, 24, 1223-1235.	2.1	33
83	Opioid Antagonist Naltrexone for the Treatment of Pathological Gambling in Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2012, 35, 118-120.	0.7	32
84	Islet Autotransplantation After Left Pancreatectomy for Non- β -Nucleable Insulinoma. <i>American Journal of Transplantation</i> , 2003, 3, 1302-1307.	4.7	31
85	Microbial surveillance during human pancreatic islet isolation. <i>Transplant International</i> , 2005, 18, 584-589.	1.6	31
86	Diabetogenic milieus induce specific changes in mitochondrial transcriptome and differentiation of human pancreatic islets. <i>Human Molecular Genetics</i> , 2015, 24, 5270-5284.	2.9	31
87	Variation in vector competency depends on chrysanthemum yellows phytoplasma distribution within <i>Euscelidius variegatus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2009, 131, 200-207.	1.4	30
88	Macrophage migration inhibitory factor deficiency leads to age-dependent impairment of glucose homeostasis in mice. <i>Journal of Endocrinology</i> , 2010, 206, 297-306.	2.6	30
89	Shielding islets with human amniotic epithelial cells enhances islet engraftment and revascularization in a murine diabetes model. <i>American Journal of Transplantation</i> , 2020, 20, 1551-1561.	4.7	29
90	Impact of the Number of Infusions on 2-Year Results of Islet-After-Kidney Transplantation in the GRAGIL Network. <i>Transplantation</i> , 2011, 92, 1031-1038.	1.0	29

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91	Comparative Impact on Islet Isolation and Transplant Outcome of the Preservation Solutions Institut Georges Lopez-1, University of Wisconsin, and Celsior. <i>Transplantation</i> , 2012, 93, 703-708.	1.0	28
92	Impact of legumes and plant proteins consumption on cognitive performances in the elderly. <i>Journal of Translational Medicine</i> , 2017, 15, 109.	4.4	28
93	Chronic fructose renders pancreatic β -cells hyper-responsive to glucose-stimulated insulin secretion through extracellular ATP signaling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E25-E41.	3.5	28
94	Losartan, an angiotensin II type 1 receptor blocker, protects human islets from glucotoxicity through the phospholipase C pathway. <i>FASEB Journal</i> , 2013, 27, 5122-5130.	0.5	27
95	Cell rearrangement in transplanted human islets. <i>FASEB Journal</i> , 2016, 30, 748-760.	0.5	27
96	Macrophage Depletion Prolongs Discordant but not Concordant Islet Xenograft Survival. <i>Transplantation</i> , 2005, 79, 543-549.	1.0	26
97	Molecular and morphological modifications occurring in rat heart exposed to intermittent hypoxia: role for protein kinase C β . <i>Experimental Gerontology</i> , 2004, 39, 395-405.	2.8	25
98	Effects of <i>Pseudomonas putida</i> S1Pf1Rif Against <i>Chrysanthemum</i> Yellow's Phytoplasma Infection. <i>Phytopathology</i> , 2010, 100, 805-813.	2.2	25
99	Insulin resistance increases risk of carpal tunnel syndrome: a case-control study. <i>Journal of the Peripheral Nervous System</i> , 2011, 16, 186-190.	3.1	25
100	Pancreatic magnetic resonance imaging after manganese injection distinguishes type 2 diabetic and normoglycemic patients. <i>Islets</i> , 2012, 4, 243-248.	1.8	24
101	Islet of Langerhans isolation from pediatric and juvenile donor pancreases. <i>Transplant International</i> , 2014, 27, 949-955.	1.6	24
102	Kidney-Pancreas Transplantation in a Long-Term Non-Progressor HIV-Infected Recipient. <i>American Journal of Transplantation</i> , 2003, 3, 631-633.	4.7	23
103	Human islet distribution programme for basic research: activity over the last 5 years. <i>Diabetologia</i> , 2015, 58, 1138-1140.	6.3	23
104	Anti-CD154 mAb Treatment But Not Recipient CD154 Deficiency Leads to Long-Term Survival of Xenogeneic Islet Grafts. <i>American Journal of Transplantation</i> , 2005, 5, 1021-1031.	4.7	22
105	Survival of Free and Encapsulated Human and Rat Islet Xenografts Transplanted into the Mouse Bone Marrow. <i>PLoS ONE</i> , 2014, 9, e91268.	2.5	22
106	Heterogeneity of Human Pancreatic Islet Isolation Around Europe: Results of a Survey Study. <i>Transplantation</i> , 2020, 104, 190-196.	1.0	22
107	Role of the Oral Glucose Tolerance Test (OGTT) in the idiopathic restless legs syndrome. <i>Journal of the Neurological Sciences</i> , 2009, 287, 60-63.	0.6	21
108	Complete oculomotor palsy caused by persistent trigeminal artery. <i>Neurological Sciences</i> , 2010, 31, 657-659.	1.9	21

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109	Insulin resistance possible risk factor for cognitive impairment in fibromyalgic patients. <i>Metabolic Brain Disease</i> , 2013, 28, 619-627.	2.9	21
110	Calcineurin Inhibitor-Free Immunosuppressive Regimen in Type 1 Diabetes Patients Receiving Islet Transplantation. <i>Transplantation</i> , 2014, 98, 1301-1309.	1.0	21
111	Dispersal of <i>Philaenus spumarius</i> (Hemiptera: Aphrophoridae), a Vector of <i>Xylella fastidiosa</i> , in Olive Grove and Meadow Agroecosystems. <i>Environmental Entomology</i> , 2021, 50, 267-279.	1.4	21
112	The Role of Macrophage Migration Inhibitory Factor in Mouse Islet Transplantation. <i>Transplantation</i> , 2008, 86, 1361-1369.	1.0	20
113	Heterogeneity and contact-dependent regulation of amylase release by individual acinar cells. <i>Journal of Cellular Physiology</i> , 1994, 160, 378-388.	4.1	19
114	Characterization of putative membrane protein genes of the <i>Candidatus</i> <i>Phytoplasma asteris</i> ™, chrysanthemum yellows isolate. <i>Canadian Journal of Microbiology</i> , 2008, 54, 341-351.	1.7	19
115	Motor Cortex Stimulation in Parkinson's Disease. <i>Neurology Research International</i> , 2012, 2012, 1-7.	1.3	19
116	Gambling Disorder during Dopamine Replacement Treatment in Parkinson's Disease: A Comprehensive Review. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	19
117	A Simple High Efficiency Intra-Islet Transduction Protocol Using Lentiviral Vectors. <i>Current Gene Therapy</i> , 2015, 15, 436-446.	2.0	19
118	Pancreas preservation fluid microbial contamination is associated with poor islet isolation outcomes - a multi-centre cohort study. <i>Transplant International</i> , 2018, 31, 917-929.	1.6	19
119	Hyperinsulinemia-Induced Hypoglycemia Is Enhanced by Overexpression of Connexin 431. <i>Endocrinology</i> , 1997, 138, 2879-2885.	2.8	18
120	Tetracycline-Regulated Expression of VEGF-A in Beta Cells Induces Angiogenesis: Improvement of Engraftment following Transplantation. <i>Cell Transplantation</i> , 2006, 15, 621-636.	2.5	18
121	Glucose metabolism in the idiopathic blepharoptosis: Utility of the Oral Glucose Tolerance Test (OGTT) and of the Insulin Resistance Index. <i>Journal of the Neurological Sciences</i> , 2009, 284, 24-28.	0.6	18
122	Is There any Genetic Variation among Native Mexican and Argentinian Populations of <i>Dalbulus maidis</i> (Hemiptera: Cicadellidae)? <i>Florida Entomologist</i> , 2012, 95, 150-155.	0.5	18
123	Acquisition of Flavescence Disease Phytoplasma by <i>Scaphoideus titanus</i> Ball from Different Grapevine Varieties. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1563.	4.1	18
124	Deletion of the Mitochondrial Flavoprotein Apoptosis Inducing Factor (AIF) Induces β -Cell Apoptosis and Impairs β -Cell Mass. <i>PLoS ONE</i> , 2009, 4, e4394.	2.5	18
125	Transient <i>PAX8</i> Expression in Islets During Pregnancy Correlates With β -Cell Survival, Revealing a Novel Candidate Gene in Gestational Diabetes Mellitus. <i>Diabetes</i> , 2019, 68, 109-118.	0.6	17
126	Transplantation of Discordant Xenogeneic Islets Using Repeated Therapy with Anti-CD154. <i>Transplantation</i> , 2005, 79, 1545-1552.	1.0	16

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127	Regulated laminin β 32 expression in human islets of Langerhans. <i>FASEB Journal</i> , 2009, 23, 4046-4055.	0.5	16
128	Enhancement of Islet Engraftment and Achievement of Long-Term Islet Allograft Survival by Toll-Like Receptor 4 Blockade. <i>Transplantation</i> , 2015, 99, 29-35.	1.0	16
129	Prevalence of Flavescence Dorée Phytoplasma-Infected Scaphoideus titanus in Different Vineyard Agroecosystems of Northwestern Italy. <i>Insects</i> , 2020, 11, 301.	2.2	16
130	Quantification of Islet Loss and Graft Functionality During Immune Rejection by 3-Tesla MRI in a Rat Model. <i>Transplantation</i> , 2013, 96, 438-444.	1.0	15
131	Glucokinase and glucokinase regulatory protein: mutual dependence for nuclear localization. <i>Biochemical Journal</i> , 2000, 348, 215.	3.7	14
132	Inhibition of calpain blocks pancreatic β -cell spreading and insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E313-E321.	3.5	14
133	Molecular identification of the <i>Hyalesthes</i> species (Hemiptera: Cixiidae) occurring in vineyard agroecosystems. <i>Annals of Applied Biology</i> , 2010, 157, 435-445.	2.5	14
134	Toll-like receptor 4 inhibition prevents autoimmune diabetes in NOD mice. <i>Scientific Reports</i> , 2019, 9, 19350.	3.3	14
135	New Viral Sequences Identified in the Flavescence Dorée Phytoplasma Vector Scaphoideus titanus. <i>Viruses</i> , 2020, 12, 287.	3.3	14
136	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. <i>Insects</i> , 2020, 11, 607.	2.2	13
137	Phenology, Seasonal Abundance, and Host-Plant Association of Spittlebugs (Hemiptera: Tj ETQq1 1 0.784314 rgBT, Overlock, 10 Tf 503	2.2	13
138	SUNCT and high nocturnal prolactin levels: some new unusual characteristics. <i>Journal of Headache and Pain</i> , 2007, 8, 114-118.	6.0	12
139	Cognitive impairment is correlated with insulin resistance degree: the "PA-NICO-study". <i>Metabolic Brain Disease</i> , 2017, 32, 799-810.	2.9	12
140	Combined Pancreatic Islet-Lung Transplantation With Islet Percutaneous Portal Embolization in Cystic Fibrosis. <i>Transplantation</i> , 2008, 85, 1670-1671.	1.0	11
141	Selection of reference genes from two leafhopper species challenged by phytoplasma infection, for gene expression studies by RT-qPCR. <i>BMC Research Notes</i> , 2013, 6, 409.	1.4	11
142	A Stage-Structured Model of <i>Scaphoideus titanus</i> in Vineyards. <i>Environmental Entomology</i> , 2013, 42, 181-193.	1.4	11
143	Intra-portal injection of 400- μ m microcapsules in a large-animal model. <i>Transplant International</i> , 2003, 16, 405-410.	1.6	10
144	Beta-Cell-Specific Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5 Aggravates High-Fat Diet-Induced Impairment of Islet Insulin Secretion in Mice. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 618-635.	5.4	10

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145	Asymmetrical distribution of $\hat{\nu}$ and PP cells in human pancreatic islets. <i>Journal of Endocrinology</i> , 2016, 229, 123-132.	2.6	9
146	Macrophage migration inhibitory factor regulates TLR4 expression and modulates TCR/CD3-mediated activation in CD4+ T lymphocytes. <i>Scientific Reports</i> , 2019, 9, 9380.	3.3	9
147	Insulin independence after conversion to tacrolimus and sirolimus-based immunosuppression in islet-kidney recipients. <i>Transplantation</i> , 2003, 76, 1133-1134.	1.0	8
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