

# Piero Marchetti

## List of Publications by Year in descending order

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327  
papers

28,265  
citations

7565

78  
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7484

153  
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377  
all docs

377  
docs citations

377  
times ranked

39100  
citing authors

#	ARTICLE	IF	CITATIONS
1	CD4+ T Cells From Individuals With Type 1 Diabetes Respond to a Novel Class of Deamidated Peptides Formed in Pancreatic Islets. <i>Diabetes</i> , 2024, 73, 728-742.	0.9	0
2	Design of Cognitive Jamming Decision-Making System Against MFR Based on Reinforcement Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2023, 72, 10048-10062.	6.7	1
3	Inhibition of the type 1 diabetes candidate gene PTPN2 aggravates TNF- $\alpha$ -induced human beta cell dysfunction and death. <i>Diabetologia</i> , 2023, 66, 1544-1556.	6.5	12
4	First World Consensus Conference on Pancreas Transplantation. , 2023, , 1213-1239.		1
5	Cardiac geometry, function, and remodeling patterns in patients under maintenance hemodialysis and peritoneal dialysis treatment. <i>Therapeutic Apheresis and Dialysis</i> , 2022, 26, 601-612.	0.9	8
6	Treating Type 1 Diabetes by Pancreas Transplant Alone: A Cohort Study on Actual Long-term (10 Years) Efficacy and Safety. <i>Transplantation</i> , 2022, 106, 147-157.	1.1	14
7	Gain of Function of Malate Dehydrogenase 2 and Familial Hyperglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 668-684.	3.6	8
8	Increased Expression of Viral Sensor MDA5 in Pancreatic Islets and in Hormone-Negative Endocrine Cells in Recent Onset Type 1 Diabetic Donors. <i>Frontiers in Immunology</i> , 2022, 13, 833141.	4.9	10
9	Glucose-Dependent miR-125b Is a Negative Regulator of $\beta$ -Cell Function. <i>Diabetes</i> , 2022, 71, 1525-1545.	0.9	14
10	Long-Term Safety and Efficacy of Bempedoic Acid in Patients With Atherosclerotic Cardiovascular Disease and/or Heterozygous Familial Hypercholesterolemia (from the CLEAR Harmony Open-Label) <i>Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5</i>		
11	The p66Shc Protein Mediates Insulin Resistance and Secretory Dysfunction in Pancreatic $\beta$ -Cells Under Lipotoxic Conditions. <i>Diabetes</i> , 2022, 71, 1763-1771.	0.9	8
12	In vivo and in vitro characterization of <sc>GL0034</sc>, a novel long-acting <sc>glucagon-like peptide-1</sc> receptor agonist. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 2090-2101.	4.5	5
13	The Role of Beta Cell Recovery in Type 2 Diabetes Remission. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7435.	4.2	20
14	Islet Gene Viewâ€”a tool to facilitate islet research. <i>Life Science Alliance</i> , 2022, 5, e202201376.	2.9	25
15	Antithrombotic strategies in patients needing oral anticoagulation undergoing percutaneous coronary intervention: A network meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 581-588.	1.7	7
16	The impact of demographics and nutritional status on cognitive functioning in an Iranian adults sample. <i>Psychologie Francaise</i> , 2021, 66, 1-14.	0.3	0
17	Selective beta-cell toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin on isolated pancreatic islets. <i>Chemosphere</i> , 2021, 265, 129103.	8.4	14
18	Use of metallic and polymeric ureteral stents in malignant ureteral obstruction. <i>BJUI Compass</i> , 2021, 2, 58-63.	1.3	4

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19	Investigation of flexural performance of concrete reinforced with indented and fibrillated macro polypropylene fibers based on numerical and experimental comparison. <i>Structural Concrete</i> , 2021, 22, 250-263.	3.3	11
20	Pro-Inflammatory Cytokines Induce Insulin and Glucagon Double Positive Human Islet Cells That Are Resistant to Apoptosis. <i>Biomolecules</i> , 2021, 11, 320.	4.2	9
21	Chromatin 3D interaction analysis of the STARD10 locus unveils FCHSD2 as a regulator of insulin secretion. <i>Cell Reports</i> , 2021, 34, 108703.	6.3	5
22	Bone Geometry Is Altered by Follistatin-Induced Muscle Growth in Young Adult Male Mice. <i>JBMR Plus</i> , 2021, 5, e10477.	2.3	7
23	Endogenous mitochondrial double-stranded RNA is not an activator of the type I interferon response in human pancreatic beta cells. <i>Autoimmunity Highlights</i> , 2021, 12, 6.	3.7	5
24	Antimicrobial activity of some herbal feed additives. <i>The Pharma Innovation</i> , 2021, 10, 392-394.	0.3	5
25	Pyrolysis of invasive woody vegetation for energy and biochar has climate change mitigation potential. <i>Science of the Total Environment</i> , 2021, 770, 145278.	8.2	15
26	Mast Cells and the Pancreas in Human Type 1 and Type 2 Diabetes. <i>Cells</i> , 2021, 10, 1875.	4.3	5
27	First world consensus conference on pancreas transplantation: Part I – Methods and results of literature search. <i>American Journal of Transplantation</i> , 2021, 21, 1-16.	4.9	12
28	A functional genomic approach to identify reference genes for human pancreatic beta cell real-time quantitative RT-PCR analysis. <i>Islets</i> , 2021, 13, 51-65.	1.8	5
29	First World Consensus Conference on pancreas transplantation: Part II – recommendations. <i>American Journal of Transplantation</i> , 2021, 21, 17-59.	4.9	52
30	Spatiotemporal Correlation Spectroscopy Reveals a Protective Effect of Peptide-Based GLP-1 Receptor Agonism against Lipotoxicity on Insulin Granule Dynamics in Primary Human $\beta^2$ -Cells. <i>Pharmaceutics</i> , 2021, 13, 1403.	4.6	2
31	Protective effects of <i>Stevia rebaudiana</i> extracts on beta cells in lipotoxic conditions. <i>Acta Diabetologica</i> , 2021, , 1.	2.6	3
32	Applicability of a carbon paste electrode modified with manganese ferrite nanoparticles (MnFe <sub>2</sub> O <sub>4</sub> NPs) in simultaneous measurement of uric acid and dopamine. <i>Materials Today Communications</i> , 2021, 28, 102548.	2.0	4
33	TIGER: The gene expression regulatory variation landscape of human pancreatic islets. <i>Cell Reports</i> , 2021, 37, 109807.	6.3	55
34	Farmers' Awareness in the Context of Climate Change: An Underutilized Way for Ensuring Sustainable Farmland Adaptation and Surface Water Quality. <i>Sustainability</i> , 2021, 13, 11802.	3.3	6
35	$\beta^2$ -Cell Pathophysiology: A Review of Advanced Optical Microscopy Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12820.	4.2	5
36	Arginase 2 and Polyamines in Human Pancreatic Beta Cells: Possible Role in the Pathogenesis of Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12099.	4.2	8

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37	Inflation Expectations and Monetary Policy Surprises*. Scandinavian Journal of Economics, 2020, 122, 306-339.	1.4	10
38	The expression of genes in top obesity-associated loci is enriched in insula and substantia nigra brain regions involved in addiction and reward. International Journal of Obesity, 2020, 44, 539-543.	3.5	41
39	A nanobody-based nuclear imaging tracer targeting dipeptidyl peptidase 6 to determine the mass of human beta cell grafts in mice. Diabetologia, 2020, 63, 825-836.	6.5	21
40	Pancreatic Alpha-Cells Contribute Together With Beta-Cells to CXCL10 Expression in Type 1 Diabetes. Frontiers in Endocrinology, 2020, 11, 630.	3.5	20
41	Nanoencapsulated Human Pancreatic Islets for $\beta$ -Cell Replacement in Type 1 Diabetes. Nanomedicine, 2020, 15, 1735-1738.	3.5	5
42	Persistent or Transient Human $\beta$ Cell Dysfunction Induced by Metabolic Stress: Specific Signatures and Shared Gene Expression with Type 2 Diabetes. Cell Reports, 2020, 33, 108466.	6.3	77
43	SARS-CoV-2 Receptor Angiotensin I-Converting Enzyme Type 2 (ACE2) Is Expressed in Human Pancreatic $\beta$ -Cells and in the Human Pancreas Microvasculature. Frontiers in Endocrinology, 2020, 11, 596898.	3.5	159
44	Circulating unmethylated CHTOP and INS DNA fragments provide evidence of possible islet cell death in youth with obesity and diabetes. Clinical Epigenetics, 2020, 12, 116.	4.3	18
45	Supporting physicians in the management of metabolic alterations in adult kidney transplant recipients: a comment on the joint position statement of the Italian Society of Nephrology (SIN), the Italian Society for Organ Transplantation (SITO) and the Italian Diabetes Society (SID). Journal of Nephrology, 2020, 33, 887-893.	2.1	1
46	Combined transcriptome and proteome profiling of the pancreatic $\beta$ -cell response to palmitate unveils key pathways of $\beta$ -cell lipotoxicity. BMC Genomics, 2020, 21, 590.	2.9	40
47	A circular RNA generated from an intron of the insulin gene controls insulin secretion. Nature Communications, 2020, 11, 5611.	13.2	61
48	A direct look at the dysfunction and pathology of the $\beta$ cells in human type 2 diabetes. Seminars in Cell and Developmental Biology, 2020, 103, 83-93.	5.4	30
49	Preclinical evaluation of tyrosine kinase 2 inhibitors for human beta cell protection in type 1 diabetes. Diabetes, Obesity and Metabolism, 2020, 22, 1827-1836.	4.5	28
50	Subcapsular Renal Hematoma in Simultaneous Pancreas Kidney Transplantation. Case Reports in Transplantation, 2020, 2020, 1-7.	0.3	3
51	Management of metabolic alterations in adult kidney transplant recipients: A joint position statement of the Italian Society of Nephrology (SIN), the Italian Society for Organ Transplantation (SITO) and the Italian Diabetes Society (SID). Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1427-1441.	2.7	6
52	Safety of a Combined WB-EMS and High-Protein Diet Intervention in Sarcopenic Obese Elderly Men. Clinical Interventions in Aging, 2020, Volume 15, 953-967.	3.0	10
53	Insulin Autoimmune Syndrome (Hirata Disease): A Comprehensive Review Fifty Years After Its First Description. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 963-978.	2.4	71
54	Structure-Based Design of Antivirals against Envelope Glycoprotein of Dengue Virus. Viruses, 2020, 12, 367.	3.4	31

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55	The T1D-associated lncRNA <i>lnc13</i> modulates human pancreatic $\beta$ cell inflammation by allele-specific stabilization of <i>STAT1</i> mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9022-9031.	7.6	47
56	An integrated multi-omics approach identifies the landscape of interferon- $\gamma$ -mediated responses of human pancreatic beta cells. Nature Communications, 2020, 11, 2584.	13.2	91
57	Exenatide induces frataxin expression and improves mitochondrial function in Friedreich ataxia. JCI Insight, 2020, 5, .	5.0	40
58	YIPF5 mutations cause neonatal diabetes and microcephaly through endoplasmic reticulum stress. Journal of Clinical Investigation, 2020, 130, 6338-6353.	8.2	63
59	Induction and Immunosuppressive Management of Pancreas Transplant Recipients. Current Pharmaceutical Design, 2020, 26, 3425-3439.	1.9	10
60	Fostering improved human islet research: a European perspective. Diabetologia, 2019, 62, 1514-1516.	6.5	16
61	The impact of proinflammatory cytokines on the $\beta$ -cell regulatory landscape provides insights into the genetics of type 1 diabetes. Nature Genetics, 2019, 51, 1588-1595.	20.4	126
62	A Call for Improved Reporting of Human Islet Characteristics in Research Articles. Diabetes, 2019, 68, 239-240.	0.9	25
63	Leader $\beta$ -cells coordinate $Ca^{2+}$ dynamics across pancreatic islets in vivo. Nature Metabolism, 2019, 1, 615-629.	11.4	139
64	miRNA-223 at the crossroads of inflammation and cancer. Cancer Letters, 2019, 451, 136-141.	7.3	70
65	Insulin secretory granules labelled with phogrin-fluorescent proteins show alterations in size, mobility and responsiveness to glucose stimulation in living $\beta$ -cells. Scientific Reports, 2019, 9, 2890.	3.4	24
66	Phosphoproteomics Reveals the GSK3-PDX1 Axis as a Key Pathogenic Signaling Node in Diabetic Islets. Cell Metabolism, 2019, 29, 1422-1432.e3.	15.8	75
67	Potent <i>in vitro</i> Anti-mouth Cancer (KB) and Immunostimulating Activities of the Job's Tears ( <i>Coix lachryma-jobi</i> Linn.) Seed Semi-purified Extract Cocktails Containing Linoleic Acid. Journal of Oleo Science, 2019, 68, 351-359.	1.5	8
68	Laser capture microdissection of human pancreatic islets reveals novel eQTLs associated with type 2 diabetes. Molecular Metabolism, 2019, 24, 98-107.	6.6	28
69	A call for improved reporting of human islet characteristics in research articles. Diabetologia, 2019, 62, 209-211.	6.5	22
70	Pilot, Open, Randomized, Prospective Trial for Normothermic Machine Perfusion Evaluation in Liver Transplantation From Older Donors. Liver Transplantation, 2019, 25, 436-449.	2.8	105
71	Ultra-high resolution MALDI-FTICR-MSI analysis of intact proteins in mouse and human pancreas tissue. International Journal of Mass Spectrometry, 2019, 437, 10-16.	1.6	24
72	mTORC1-to-AMPK switching underlies $\beta$ cell metabolic plasticity during maturation and diabetes. Journal of Clinical Investigation, 2019, 129, 4124-4137.	8.2	87

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73	A patient with MEN1 and end-stage chronic kidney disease due to Alport syndrome: Decision making on the eligibility of transplantation. <i>Molecular and Clinical Oncology</i> , 2018, 8, 449-452.	1.1	0
74	Modeling human pancreatic beta cell dedifferentiation. <i>Molecular Metabolism</i> , 2018, 10, 74-86.	6.6	67
75	Targeting GLP-1 receptor trafficking to improve agonist efficacy. <i>Nature Communications</i> , 2018, 9, 1602.	13.2	185
76	LRH-1 agonism favours an immune-islet dialogue which protects against diabetes mellitus. <i>Nature Communications</i> , 2018, 9, 1488.	13.2	53
77	The type 2 diabetes-associated HMG20A gene is mandatory for islet beta cell functional maturity. <i>Cell Death and Disease</i> , 2018, 9, 279.	6.4	38
78	DPP-4 is expressed in human pancreatic beta cells and its direct inhibition improves beta cell function and survival in type 2 diabetes. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 186-193.	3.3	53
79	Organ donor pancreases for the study of human islet cell histology and pathophysiology: a precious and valuable resource. <i>Diabetologia</i> , 2018, 61, 770-774.	6.5	32
80	Mir-184 expression is regulated by AMPK in pancreatic islets. <i>FASEB Journal</i> , 2018, 32, 2587-2600.	0.5	44
81	MondoA Is an Essential Glucose-Responsive Transcription Factor in Human Pancreatic $\beta^2$ -Cells. <i>Diabetes</i> , 2018, 67, 461-472.	0.9	38
82	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic $\beta^2$ -Cells. <i>Diabetes</i> , 2018, 67, 385-399.	0.9	41
83	SRp55 Regulates a Splicing Network That Controls Human Pancreatic $\beta^2$ -Cell Function and Survival. <i>Diabetes</i> , 2018, 67, 423-436.	0.9	46
84	IFN- $\gamma$ induces a preferential long-lasting expression of MHC class I in human pancreatic beta cells. <i>Diabetologia</i> , 2018, 61, 636-640.	6.5	53
85	Systems biology of the IMIDIA biobank from organ donors and pancreatectomised patients defines a novel transcriptomic signature of islets from individuals with type 2 diabetes. <i>Diabetologia</i> , 2018, 61, 641-657.	6.5	140
86	Duodenal graft complications requiring duodenectomy after pancreas and pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2018, 18, 1388-1396.	4.9	22
87	Glucocorticoids Reprogram $\beta^2$ -Cell Signaling to Preserve Insulin Secretion. <i>Diabetes</i> , 2018, 67, 278-290.	0.9	55
88	PDL1 is expressed in the islets of people with type 1 diabetes and is up-regulated by interferons- $\alpha$ and- $\beta$ via IRF1 induction. <i>EBioMedicine</i> , 2018, 36, 367-375.	6.0	145
89	Inflammation-Induced Citrullinated Glucose-Regulated Protein 78 Elicits Immune Responses in Human Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 2337-2348.	0.9	60
90	Efficacy of perineural dexamethasone with ropivacaine in thoracic paravertebral block for postoperative analgesia in elective thoracotomy: a randomized, double-blind, placebo-controlled trial. <i>Journal of Pain Research</i> , 2018, Volume 11, 1811-1819.	2.1	19

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91	Imaging of Human Insulin Secreting Cells with Gd-DOTA-P88, a Paramagnetic Contrast Agent Targeting the Beta Cell Biomarker FX <sub>YD2</sub> . <i>Molecules</i> , 2018, 23, 2100.	3.9	9
92	Protective role of the ELOVL2/docosahexaenoic acid axis in glucolipototoxicity-induced apoptosis in rodent beta cells and human islets. <i>Diabetologia</i> , 2018, 61, 1780-1793.	6.5	36
93	Conventional and Neo-antigenic Peptides Presented by $\beta^2$ Cells Are Targeted by Circulating Na <sup>+</sup> -ve CD8+ T Cells in Type 1 Diabetic and Healthy Donors. <i>Cell Metabolism</i> , 2018, 28, 946-960.e6.	15.8	191
94	Conformal coating by multilayer nano-encapsulation for the protection of human pancreatic islets: In-vitro and in-vivo studies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2191-2203.	3.5	26
95	The effects of kisspeptin on $\beta^2$ cell function, serum metabolites and appetite in humans. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2800-2810.	4.5	80
96	MicroRNA Expression Analysis of In Vitro Dedifferentiated Human Pancreatic Islet Cells Reveals the Activation of the Pluripotency-Related MicroRNA Cluster miR-302s. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1170.	4.2	15
97	Probing the light scattering properties of insulin secretory granules in single live cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2710-2714.	2.2	5
98	Virus-like infection induces human $\beta^2$ cell dedifferentiation. <i>JCI Insight</i> , 2018, 3, .	5.0	57
99	The Endocrine Pancreas. <i>Endocrinology</i> , 2018, , 423-454.	0.0	0
100	Interferon- $\gamma$ mediates human beta cell HLA class I overexpression, endoplasmic reticulum stress and apoptosis, three hallmarks of early human type 1 diabetes. <i>Diabetologia</i> , 2017, 60, 656-667.	6.5	145
101	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. <i>American Journal of Human Genetics</i> , 2017, 100, 238-256.	6.1	63
102	dUTPase ( <i>DUT</i> ) Is Mutated in a Novel Monogenic Syndrome With Diabetes and Bone Marrow Failure. <i>Diabetes</i> , 2017, 66, 1086-1096.	0.9	23
103	Neuron-enriched RNA-binding Proteins Regulate Pancreatic Beta Cell Function and Survival. <i>Journal of Biological Chemistry</i> , 2017, 292, 3466-3480.	3.5	59
104	Expression and functional assessment of candidate type 2 diabetes susceptibility genes identify four new genes contributing to human insulin secretion. <i>Molecular Metabolism</i> , 2017, 6, 459-470.	6.6	60
105	An efficient cumate-inducible system for procyclic and bloodstream form <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 101-104.	1.1	14
106	Guanabenz Sensitizes Pancreatic $\beta^2$ Cells to Lipotoxic Endoplasmic Reticulum Stress and Apoptosis. <i>Endocrinology</i> , 2017, 158, 1659-1670.	2.8	22
107	High-throughput screening and bioinformatic analysis to ascertain compounds that prevent saturated fatty acid-induced $\beta^2$ -cell apoptosis. <i>Biochemical Pharmacology</i> , 2017, 138, 140-149.	4.6	22
108	Protective Role of Complement C3 Against Cytokine-Mediated $\beta^2$ -Cell Apoptosis. <i>Endocrinology</i> , 2017, 158, 2503-2521.	2.8	33

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109	Ultrastructural alterations of pancreatic beta cells in human diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2894.	4.2	48
110	Atorvastatin but Not Pravastatin Impairs Mitochondrial Function in Human Pancreatic Islets and Rat $\beta$ -Cells. Direct Effect of Oxidative Stress. <i>Scientific Reports</i> , 2017, 7, 11863.	3.4	63
111	The Myokine Irisin Is Released in Response to Saturated Fatty Acids and Promotes Pancreatic $\beta$ -Cell Survival and Insulin Secretion. <i>Diabetes</i> , 2017, 66, 2849-2856.	0.9	100
112	A $\beta$ 2 adenosine receptors control pancreatic dysfunction in high-fat diet-induced obesity. <i>FASEB Journal</i> , 2017, 31, 4985-4997.	0.5	32
113	Uniform-sized neurosphere-mediated motoneuron differentiation in microwell arrays. <i>Electrophoresis</i> , 2017, 38, 3161-3167.	2.9	3
114	Managing Surface Water Inputs to Reduce Phosphorus Loss from Cranberry Farms. <i>Journal of Environmental Quality</i> , 2017, 46, 1472-1479.	2.9	5
115	A nanobody-based tracer targeting DPP6 for non-invasive imaging of human pancreatic endocrine cells. <i>Scientific Reports</i> , 2017, 7, 15130.	3.4	41
116	Pancreatic $\beta$ -cell protection from inflammatory stress by the endoplasmic reticulum proteins thrombospondin 1 and mesencephalic astrocyte-derived neurotrophic factor (MANF). <i>Journal of Biological Chemistry</i> , 2017, 292, 14977-14988.	3.5	42
117	Chemical-electric energy conversion effect in zirconia nanopowder systems. <i>Journal of Surface Investigation</i> , 2017, 11, 523-529.	0.5	10
118	MCL-1 Is a Key Antiapoptotic Protein in Human and Rodent Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2017, 66, 2446-2458.	0.9	20
119	MicroRNAs miR-23a-3p, miR-23b-3p, and miR-149-5p Regulate the Expression of Proapoptotic BH3-Only Proteins DP5 and PUMA in Human Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2017, 66, 100-112.	0.9	89
120	FGF-2b and h-PL Transform Duct and Non-Endocrine Human Pancreatic Cells into Endocrine Insulin Secreting Cells by Modulating Differentiating Genes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2234.	4.2	14
121	Pancreatic Beta Cell Identity in Humans and the Role of Type 2 Diabetes. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 55.	3.8	69
122	Co-localization of acinar markers and insulin in pancreatic cells of subjects with type 2 diabetes. <i>PLoS ONE</i> , 2017, 12, e0179398.	2.5	18
123	Update on pancreatic transplantation on the management of diabetes. <i>Minerva Medica</i> , 2017, 108, 405-418.	0.9	19
124	Nontuberculous Mycobacteria Isolated from Tuberculosis Suspects in Ibadan, Nigeria. <i>Journal of Pathogens</i> , 2016, 2016, 1-5.	1.7	10
125	Changes in the expression of the type 2 diabetes-associated gene <i>VPS13C</i> in the $\beta$ -cell are associated with glucose intolerance in humans and mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E488-E507.	3.7	21
126	Ubiquitin D Regulates IRE1/c-Jun N-terminal Kinase (JNK) Protein-dependent Apoptosis in Pancreatic Beta Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 12040-12056.	3.5	45



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127	Beta Cell Hubs Dictate Pancreatic Islet Responses to Glucose. <i>Cell Metabolism</i> , 2016, 24, 389-401.	15.8	389
128	Glucolipotoxicity initiates pancreatic $\beta$ -cell death through TNFR5/CD40-mediated STAT1 and NF- $\kappa$ B activation. <i>Cell Death and Disease</i> , 2016, 7, e2329-e2329.	6.4	35
129	Thrombospondin 1 protects pancreatic $\beta$ -cells from lipotoxicity via the PERK-NRF2 pathway. <i>Cell Death and Differentiation</i> , 2016, 23, 1995-2006.	11.3	58
130	Population physiologically-based pharmacokinetic model incorporating lymphatic uptake for a subcutaneously administered pegylated peptide. <i>In Silico Pharmacology</i> , 2016, 4, 3.	4.0	13
131	Islet inflammation in type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 668-672.	6.5	42
132	Sorcin Links Pancreatic $\beta$ -Cell Lipotoxicity to ER Ca <sup>2+</sup> Stores. <i>Diabetes</i> , 2016, 65, 1009-1021.	0.9	47
133	Evidence of $\beta$ -Cell Dedifferentiation in Human Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1044-1054.	3.6	461
134	Visible light-driven water oxidation using a covalently-linked molecular catalyst-sensitizer dyad assembled on a TiO <sub>2</sub> electrode. <i>Chemical Science</i> , 2016, 7, 1430-1439.	7.8	106
135	The Endocrine Pancreas. <i>Endocrinology</i> , 2016, , 1-32.	0.0	0
136	Defects in mitophagy promote redox-driven metabolic syndrome in the absence of TP 53 INP 1. <i>EMBO Molecular Medicine</i> , 2015, 7, 802-818.	7.3	39
137	Glucagon-like peptide 1 protects INS-1E mitochondria against palmitate-mediated beta-cell dysfunction: a proteomic study. <i>Molecular BioSystems</i> , 2015, 11, 1696-1707.	2.8	21
138	Loss-of-Function Mutations in APPL1 in Familial Diabetes Mellitus. <i>American Journal of Human Genetics</i> , 2015, 97, 177-185.	6.1	117
139	Labeling and Tracking of Human Pancreatic Islets Using Carbon Nanotubes. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 730-738.	1.2	6
140	Anaerobic membrane bioreactor for the treatment of synthetic wastewater to produce energy and water reusable in agricultural sector. <i>Water Practice and Technology</i> , 2015, 10, 86-98.	2.0	2
141	Cytokines induce endoplasmic reticulum stress in human, rat and mouse beta cells via different mechanisms. <i>Diabetologia</i> , 2015, 58, 2307-2316.	6.5	188
142	Pancreatic $\beta$ Cells are Resistant to Metabolic Stress-induced Apoptosis in Type 2 Diabetes. <i>EBioMedicine</i> , 2015, 2, 378-385.	6.0	83
143	The p66Shc redox adaptor protein is induced by saturated fatty acids and mediates lipotoxicity-induced apoptosis in pancreatic beta cells. <i>Diabetologia</i> , 2015, 58, 1260-1271.	6.5	41
144	$\beta$ -Cell mass and function in human type 2 diabetes. , 2015, , 354-370.		4

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145	<i>TYK2</i> , a Candidate Gene for Type 1 Diabetes, Modulates Apoptosis and the Innate Immune Response in Human Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2015, 64, 3808-3817.	0.9	104
146	Mast cells infiltrate pancreatic islets in human type 1 diabetes. <i>Diabetologia</i> , 2015, 58, 2554-2562.	6.5	48
147	Kidney-Pancreas Transplantation. , 2015, , 439-453.		0
148	MicroRNA-124a is hyperexpressed in type 2 diabetic human pancreatic islets and negatively regulates insulin secretion. <i>Acta Diabetologica</i> , 2015, 52, 523-530.	2.6	128
149	The $\beta$ -Cell in Human Type 2 Diabetes. , 2015, , 801-815.		0
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