

Francesco Purrello

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

6,334
citations

66234

42
h-index

95083

68
g-index

195
all docs

195
docs citations

195
times ranked

8441
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and morphological alterations of mitochondria in pancreatic beta cells from type 2 diabetic patients. <i>Diabetologia</i> , 2005, 48, 282-289.	2.9	322
2	Effects of n-3 polyunsaturated fatty acids in subjects with nonalcoholic fatty liver disease. <i>Digestive and Liver Disease</i> , 2008, 40, 194-199.	0.4	254
3	Chronic exposure to free fatty acids or high glucose induces apoptosis in rat pancreatic islets: Possible role of oxidative stress. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 1340-1347.	1.5	221
4	A local glucagon-like peptide 1 (GLP-1) system in human pancreatic islets. <i>Diabetologia</i> , 2012, 55, 3262-3272.	2.9	208
5	Role of ATP Production and Uncoupling Protein-2 in the Insulin Secretory Defect Induced by Chronic Exposure to High Glucose or Free Fatty Acids and Effects of Peroxisome Proliferator-Activated Receptor- α Inhibition. <i>Diabetes</i> , 2002, 51, 2749-2756.	0.3	153
6	Metformin restores insulin secretion altered by chronic exposure to free fatty acids or high glucose: a direct metformin effect on pancreatic beta-cells. <i>Diabetes</i> , 2000, 49, 735-740.	0.3	145
7	Pathophysiological, Molecular and Therapeutic Issues of Nonalcoholic Fatty Liver Disease: An Overview. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1948.	1.8	127
8	Variation by age group and seasonally at diagnosis of childhood IDDM in Europe. <i>Diabetologia</i> , 1995, 38, 823-830.	2.9	123
9	Multimorbidity and polypharmacy in the elderly: lessons from REPOSI. <i>Internal and Emergency Medicine</i> , 2014, 9, 723-734.	1.0	121
10	Adrenocortical dysfunction in liver disease: A systematic review. <i>Hepatology</i> , 2012, 55, 1282-1291.	3.6	110
11	Insulin Secretory Function Is Impaired in Isolated Human Islets Carrying the Gly972->Arg IRS-1 Polymorphism. <i>Diabetes</i> , 2002, 51, 1419-1424.	0.3	103
12	An overview of pancreatic beta-cell defects in human type 2 diabetes: Implications for treatment. <i>Regulatory Peptides</i> , 2008, 146, 4-11.	1.9	99
13	Smoking and diabetes: dangerous liaisons and confusing relationships. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 85.	1.2	91
14	Portal vein thrombosis relevance on liver cirrhosis: Italian Venous Thrombotic Events Registry. <i>Internal and Emergency Medicine</i> , 2016, 11, 1059-1066.	1.0	90
15	Platelet Count Does Not Predict Bleeding in Cirrhotic Patients: Results from the PRO-LIVER Study. <i>American Journal of Gastroenterology</i> , 2018, 113, 368-375.	0.2	82
16	Transient Impairment of Thyroid Function in Newborn from an Area of Endemic Goiter*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 59, 90-95.	1.8	80
17	Insulin stimulation of nucleoside triphosphatase activity in isolated nuclear envelopes. <i>Science</i> , 1982, 216, 1005-1007.	6.0	77
18	Safety of Type 2 Diabetes Treatment With Repaglinide Compared With Glibenclamide in Elderly People: A randomized, open-label, two-period, cross-over trial. <i>Diabetes Care</i> , 2006, 29, 1918-1920.	4.3	75

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19	Assessment of adrenocortical reserve in stable patients with cirrhosis. <i>Journal of Hepatology</i> , 2011, 54, 243-250.	1.8	75
20	Gender-differences in disease distribution and outcome in hospitalized elderly: Data from the REPOSI study. <i>European Journal of Internal Medicine</i> , 2014, 25, 617-623.	1.0	75
21	Cellular and molecular effects of protons: Apoptosis induction and potential implications for cancer therapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 57-66.	2.2	73
22	Cardiovascular dysfunction in patients with liver cirrhosis. <i>Annals of Gastroenterology</i> , 2015, 28, 31-40.	0.4	70
23	Spectrum of mutations in Italian patients with familial hypercholesterolemia: New results from the LIPIGEN study. <i>Atherosclerosis Supplements</i> , 2017, 29, 17-24.	1.2	65
24	High intake of dietary advanced glycation end-products is associated with increased arterial stiffness and inflammation in subjects with type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 978-984.	1.1	65
25	Adherence to antithrombotic therapy guidelines improves mortality among elderly patients with atrial fibrillation: insights from the REPOSI study. <i>Clinical Research in Cardiology</i> , 2016, 105, 912-920.	1.5	63
26	Insulin regulation of protein phosphorylation in isolated rat liver nuclear envelopes: potential relationship to mRNA metabolism.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983, 80, 1189-1193.	3.3	62
27	Glucose-Dependent Insulinotropic Polypeptide Augments Glucagon Responses to Hypoglycemia in Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 72-78.	0.3	60
28	Atorvastatin but Not Pravastatin Impairs Mitochondrial Function in Human Pancreatic Islets and Rat β 2-Cells. Direct Effect of Oxidative Stress. <i>Scientific Reports</i> , 2017, 7, 11863.	1.6	59
29	Cardiovascular Risk Profile in Subjects With Prediabetes and New-Onset Type 2 Diabetes Identified by HbA1c According to American Diabetes Association Criteria. <i>Diabetes Care</i> , 2014, 37, 1447-1453.	4.3	57
30	HbA1c increase is associated with higher coronary and peripheral atherosclerotic burden in non diabetic patients. <i>Atherosclerosis</i> , 2016, 255, 102-108.	0.4	54
31	Familial hypercholesterolemia: The Italian Atherosclerosis Society Network (LIPIGEN). <i>Atherosclerosis Supplements</i> , 2017, 29, 11-16.	1.2	53
32	The use of real time continuous glucose monitoring or flash glucose monitoring in the management of diabetes: A consensus view of Italian diabetes experts using the Delphi method. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 421-431.	1.1	52
33	Mortality rate and risk factors for gastrointestinal bleeding in elderly patients. <i>European Journal of Internal Medicine</i> , 2019, 61, 54-61.	1.0	52
34	Serum coding and non-coding RNAs as biomarkers of NAFLD and fibrosis severity. <i>Liver International</i> , 2019, 39, 1742-1754.	1.9	51
35	Ten years of experience with DPP-4 inhibitors for the treatment of type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2019, 56, 605-617.	1.2	50
36	Th2 Cytokines Have a Partial, Direct Protective Effect on the Function and Survival of Isolated Human Islets Exposed to Combined Proinflammatory and Th1 Cytokines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4974-4978.	1.8	49

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37	miR-296-3p, miR-298-5p and their downstream networks are causally involved in the higher resistance of mammalian pancreatic β cells to cytokine-induced apoptosis as compared to β^2 cells. BMC Genomics, 2013, 14, 62.	1.2	48
38	Evaluation of the performance of Dutch Lipid Clinic Network score in an Italian FH population: The LIPIGEN study. Atherosclerosis, 2018, 277, 413-418.	0.4	48
39	Management of diabetes in older adults. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 206-218.	1.1	47
40	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
41	Clinical phenotype and β -cell autoimmunity in Italian patients with adult-onset diabetes. European Journal of Endocrinology, 2006, 154, 441-447.	1.9	46
42	Comparison of Total Cortisol, Free Cortisol, and Surrogate Markers of Free Cortisol in Diagnosis of Adrenal Insufficiency in Patients With Stable Cirrhosis. Clinical Gastroenterology and Hepatology, 2014, 12, 504-512.e8.	2.4	45
43	Prevention by metformin of alterations induced by chronic exposure to high glucose in human islet beta cells is associated with preserved ATP/ADP ratio. Diabetes Research and Clinical Practice, 2014, 104, 163-170.	1.1	45
44	Polypharmacy in older people: lessons from 10 years of experience with the REPOSIT register. Internal and Emergency Medicine, 2018, 13, 1191-1200.	1.0	45
45	HbA1c Identifies Subjects With Prediabetes and Subclinical Left Ventricular Diastolic Dysfunction. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3756-3764.	1.8	44
46	High TC/HDL ratio plays a significant role on atherosclerosis extension in prediabetes and newly diagnosed type 2 diabetes subjects. Diabetes/Metabolism Research and Reviews, 2021, 37, e3367.	1.7	44
47	Palmitate Affects Insulin Receptor Phosphorylation and Intracellular Insulin Signal in a Pancreatic β -Cell Line. Endocrinology, 2010, 151, 4197-4206.	1.4	41
48	Defining Aging Phenotypes and Related Outcomes: Clues to Recognize Frailty in Hospitalized Older Patients. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw188.	1.7	41
49	Low Endogenous Secretory Receptor for Advanced Glycation End-Products Levels Are Associated With Inflammation and Carotid Atherosclerosis in Prediabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1701-1709.	1.8	40
50	Therapeutic options for elderly diabetic subjects: open label, randomized clinical trial of insulin glargine added to oral antidiabetic drugs versus increased dosage of oral antidiabetic drugs. Acta Diabetologica, 2008, 45, 53-59.	1.2	38
51	Direct apoptotic effects of free fatty acids on human endothelial cells. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 96-104.	1.1	38
52	Chronic Exposure to GLP-1 Increases GLP-1 Synthesis and Release in a Pancreatic Alpha Cell Line (β -TC1): Evidence of a Direct Effect of GLP-1 on Pancreatic Alpha Cells. PLoS ONE, 2014, 9, e90093.	1.1	38
53	Cardiovascular disease prevention strategies for type 2 diabetes mellitus. Expert Opinion on Pharmacotherapy, 2017, 18, 1243-1260.	0.9	35
54	Arterial stiffness improvement after adding on PCSK9 inhibitors or ezetimibe to high-intensity statins in patients with familial hypercholesterolemia: A Two "Lipid Center Real-World Experience. Journal of Clinical Lipidology, 2020, 14, 231-240.	0.6	35

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55	Glyburide and tolbutamide induce desensitization of insulin release in rat pancreatic islets by different mechanisms.. <i>Endocrinology</i> , 1992, 131, 1815-1820.	1.4	34
56	Lipid and liver abnormalities in haemoglobin A1c-defined prediabetes and type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 670-676.	1.1	34
57	Clinical and Molecular Biomarkers for Diagnosis and Staging of NAFLD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11905.	1.8	34
58	Abnormalities of Lipoprotein Levels in Liver Cirrhosis: Clinical Relevance. <i>Digestive Diseases and Sciences</i> , 2018, 63, 16-26.	1.1	33
59	Early, but Not Advanced, Glomerulopathy Is Reversed by Pancreatic Islet Transplants in Experimental Diabetic Rats: Correlation With Glomerular Extracellular Matrix mRNA Levels. <i>Diabetes</i> , 1997, 46, 1198-1206.	0.3	32
60	Low advanced glycation end product diet improves the lipid and inflammatory profiles of prediabetic subjects. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1098-1108.	0.6	32
61	New treatment options for lipid-lowering therapy in subjects with type 2 diabetes. <i>Acta Diabetologica</i> , 2018, 55, 209-218.	1.2	32
62	Effect of metformin on insulin binding to receptors in cultured human lymphocytes and cancer cells. <i>Diabetologia</i> , 1982, 23, 131-135.	2.9	31
63	Intracellular and extracellular miRNome deregulation in cellular models of NAFLD or NASH: Clinical implications. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 1129-1139.	1.1	31
64	Insulin binding sites on the nuclear envelope: potential relationship to mRNA metabolism. <i>Journal of Cellular Biochemistry</i> , 1982, 20, 29-39.	1.2	30
65	An increased waist-to-hip ratio is a key determinant of atherosclerotic burden in overweight subjects. <i>Acta Diabetologica</i> , 2018, 55, 741-749.	1.2	30
66	Insulin receptor antiserum and plant lectins mimic the direct effects of insulin on nuclear envelope phosphorylation. <i>Science</i> , 1983, 221, 462-464.	6.0	29
67	Separate impact of metabolic syndrome and altered glucose tolerance on early markers of vascular injuries. <i>Atherosclerosis</i> , 2012, 223, 458-462.	0.4	28
68	Impact of Western and Mediterranean Diets and Vitamin D on Muscle Fibers of Sedentary Rats. <i>Nutrients</i> , 2018, 10, 231.	1.7	28
69	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 83330-83341.	0.8	28
70	Beta and alpha cell function in metabolically healthy but obese subjects: Relationship with entero-insular axis. <i>Obesity</i> , 2013, 21, 320-325.	1.5	27
71	Alpha- and beta-cell abnormalities in haemoglobin A1c-defined prediabetes and type 2 diabetes. <i>Acta Diabetologica</i> , 2014, 51, 567-575.	1.2	27
72	1 h Postload Glycemia Is Associated with Low Endogenous Secretory Receptor for Advanced Glycation End Product Levels and Early Markers of Cardiovascular Disease. <i>Cells</i> , 2019, 8, 910.	1.8	27

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73	Fast Reversibility of Glucose-Induced Desensitization in Rat Pancreatic Islets: Evidence for an Involvement of Ionic Fluxes. <i>Diabetes</i> , 1996, 45, 502-506.	0.3	26
74	Glucosamine-induced alterations of mitochondrial function in pancreatic β -cells: possible role of protein glycosylation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E602-E608.	1.8	26
75	Increased augmentation index and central aortic blood pressure in osteoporotic postmenopausal women. <i>Osteoporosis International</i> , 2008, 19, 49-56.	1.3	26
76	Low circulating vitamin D levels are associated with increased arterial stiffness in prediabetic subjects identified according to HbA1c. <i>Atherosclerosis</i> , 2015, 243, 395-401.	0.4	26
77	Chronic Exposure to Palmitate Impairs Insulin Signaling in an Intestinal L-cell Line: A Possible Shift from GLP-1 to Glucagon Production. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3791.	1.8	26
78	Analysis of steatosis biomarkers and inflammatory profile after adding on PCSK9 inhibitor treatment in familial hypercholesterolemia subjects with nonalcoholic fatty liver disease: A single lipid center real-world experience. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 869-879.	1.1	26
79	Proprotein Convertase Subtilisin Kexin Type 9 Inhibitors Reduce Platelet Activation Modulating ox-LDL Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7193.	1.8	26
80	Direct effects of biguanides on glucose utilization in vitro. <i>Metabolism: Clinical and Experimental</i> , 1987, 36, 774-776.	1.5	25
81	BOVINE ISLETS ARE LESS SUSCEPTIBLE THAN HUMAN ISLETS TO DAMAGE BY HUMAN CYTOKINES1. <i>Transplantation</i> , 2001, 71, 21-26.	0.5	25
82	Elevated plasma glucose-dependent insulinotropic polypeptide associates with hyperinsulinemia in metabolic syndrome. <i>European Journal of Endocrinology</i> , 2012, 166, 917-922.	1.9	25
83	Adherence to antibiotic treatment guidelines and outcomes in the hospitalized elderly with different types of pneumonia. <i>European Journal of Internal Medicine</i> , 2015, 26, 330-337.	1.0	25
84	Copper addition prevents the inhibitory effects of interleukin 1- β on rat pancreatic islets. <i>Diabetologia</i> , 1995, 38, 39-45.	2.9	23
85	Effects of prolonged glucose stimulation on pancreatic beta cells: from increased sensitivity to desensitization. <i>Acta Diabetologica</i> , 1996, 33, 253-256.	1.2	23
86	Exposure to glibenclamide increases rat beta cells sensitivity to glucose. <i>British Journal of Pharmacology</i> , 2000, 129, 887-892.	2.7	23
87	Prophylaxis of venous thromboembolism in elderly patients with multimorbidity. <i>Internal and Emergency Medicine</i> , 2013, 8, 509-520.	1.0	23
88	Chronic Exposure to High Glucose and Impairment of K ⁺ -Channel Function in Perfused Rat Pancreatic Islets. <i>Diabetes</i> , 1990, 39, 397-399.	0.3	22
89	Action of insulin at the nuclear envelope. <i>Molecular and Cellular Biochemistry</i> , 1991, 48, 3-14.	1.4	22
90	Nicotinamide partially reverses the interleukin-1 β inhibition of glucose-induced insulin release in pancreatic islets. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 296-300.	1.5	22

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91	Peripheral, but not Central, Nervous System Abnormalities are Reversed by Pancreatic Islet Transplantation in Diabetic Lewis Rats. <i>European Journal of Neuroscience</i> , 1996, 8, 1117-1123.	1.2	22
92	Altered expression of uncoupling protein 2 in GLP-1-producing cells after chronic high glucose exposure: implications for the pathogenesis of diabetes mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C558-C567.	2.1	22
93	Detecting familial hypercholesterolemia by serum lipid profile screening in a hospital setting: Clinical, genetic and atherosclerotic burden profile. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 35-43.	1.1	22
94	Analysis of HDL-microRNA panel in heterozygous familial hypercholesterolemia subjects with LDL receptor null or defective mutation. <i>Scientific Reports</i> , 2019, 9, 20354.	1.6	21
95	Circulating Coding and Long Non-Coding RNAs as Potential Biomarkers of Idiopathic Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8812.	1.8	21
96	Reported muscle symptoms during statin treatment amongst Italian dyslipidaemic patients in the real-life setting: the PROSISA Study. <i>Journal of Internal Medicine</i> , 2021, 290, 116-128.	2.7	21
97	Effects of metformin on oxidative stress, adenine nucleotides balance, and glucose-induced insulin release impaired by chronic free fatty acids exposure in rat pancreatic islets. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 504-10.	1.8	21
98	Chronic exposure to high leucine impairs glucose-induced insulin release by lowering the ATP-to-ADP ratio. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E1082-E1087.	1.8	20
99	Apolipoprotein AI and HDL are reduced in stable cirrhotic patients with adrenal insufficiency: a possible role in glucocorticoid deficiency. <i>Scandinavian Journal of Gastroenterology</i> , 2015, 50, 347-354.	0.6	20
100	May statins and PCSK9 inhibitors be protective from COVID-19 in familial hypercholesterolemia subjects?. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1068-1069.	1.1	20
101	Metformin enhances certain insulin actions in cultured rat hepatoma cells. <i>Diabetologia</i> , 1988, 31, 385-389.	2.9	19
102	Update on pre-diabetes: Focus on diagnostic criteria and cardiovascular risk. <i>World Journal of Diabetes</i> , 2016, 7, 423.	1.3	19
103	Implementation of the Frailty Index in hospitalized older patients: Results from the REPOSI register. <i>European Journal of Internal Medicine</i> , 2018, 56, 11-18.	1.0	19
104	Coffee Restores Expression of lncRNAs Involved in Steatosis and Fibrosis in a Mouse Model of NAFLD. <i>Nutrients</i> , 2021, 13, 2952.	1.7	19
105	Bleeding of Small Bowel in Henoch-Schönlein Syndrome: The Successful Diagnostic Role of Video Capsule Endoscopy. <i>American Journal of Medicine</i> , 2006, 119, 82-84.	0.6	18
106	Molecular determinants of insulin resistance, cell apoptosis and lipid accumulation in non-alcoholic steatohepatitis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 545-552.	1.1	18
107	Pattern of comorbidities and 1-year mortality in elderly patients with COPD hospitalized in internal medicine wards: data from the RePoSI Registry. <i>Internal and Emergency Medicine</i> , 2021, 16, 389-400.	1.0	18
108	Effects of high glucose on insulin secretion by isolated rat islets and purified beta-cells and possible role of glycosylation. <i>Diabetes</i> , 1989, 38, 1417-1422.	0.3	18

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109	Prognostic value of degree and types of anaemia on clinical outcomes for hospitalised older patients. Archives of Gerontology and Geriatrics, 2017, 69, 21-30.	1.4	17
110	Choice and Outcomes of Rate Control versus Rhythm Control in Elderly Patients with Atrial Fibrillation: A Report from the REPOSI Study. Drugs and Aging, 2018, 35, 365-373.	1.3	17
111	Italian recommendations for the diagnosis of gestational diabetes during COVID-19 pandemic: Position statement of the Italian Association of Clinical Diabetologists (AMD) and the Italian Diabetes Society (SID), diabetes, and pregnancy study group. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1418-1422.	1.1	17
112	Comparative effectiveness of dapagliflozin vs <sc>DPP</sc>â€4 inhibitors on a composite endpoint of <sc>HbA1c</sc>, body weight and blood pressure reduction in the real world. Diabetes/Metabolism Research and Reviews, 2021, 37, e3353.	1.7	17
113	High Glucose Exposure Impairs L-Cell Differentiation in Intestinal Organoids: Molecular Mechanisms and Clinical Implications. International Journal of Molecular Sciences, 2021, 22, 6660.	1.8	17
114	Chronic exposure to glibenclamide impairs insulin secretion in isolated rat pancreatic islets. Journal of Endocrinological Investigation, 1991, 14, 287-291.	1.8	16
115	Diabetic ketoacidosis: A consensus statement of the Italian Association of Medical Diabetologists (AMD), Italian Society of Diabetology (SID), Italian Society of Endocrinology and Pediatric Diabetology (SIEDP). Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1633-1644.	1.1	16
116	Insulin and the regulation of isolated nuclei and nuclear subfractions: Potential relationship to mrna metabolism. Diabetes/metabolism Reviews, 1985, 1, 119-137.	0.2	15
117	High insulin levels do not influence PC-1 gene expression and protein content in human muscle tissue and hepatoma cells. Diabetes/Metabolism Research and Reviews, 2000, 16, 26-32.	1.7	15
118	Effect of PCSK9 inhibitors on pulse wave velocity and monocyte-to-HDL-cholesterol ratio in familial hypercholesterolemia subjects: results from a single-lipid-unit real-life setting. Acta Diabetologica, 2021, 58, 949-957.	1.2	15
119	Interleukin-1 β inhibition of insulin release in rat pancreatic islets: Possible involvement of G-proteins in the signal transduction pathway. Diabetologia, 1995, 38, 779-784.	2.9	14
120	CEBPA exerts a specific and biologically important proapoptotic role in pancreatic β cells through its downstream network targets. Molecular Biology of the Cell, 2014, 25, 2333-2341.	0.9	14
121	Hepatic insulin resistance in NAFLD: relationship with markers of atherosclerosis and metabolic syndrome components. Acta Diabetologica, 2016, 53, 449-459.	1.2	14
122	A consensus statement for the clinical use of the renal sodium-glucose co-transporter-2 inhibitor dapagliflozin in patients with type 2 diabetes mellitus. Expert Review of Clinical Pharmacology, 2017, 10, 763-772.	1.3	14
123	Analysis of S100A12 plasma levels in hyperlipidemic subjects with or without familial hypercholesterolemia. Acta Diabetologica, 2019, 56, 899-906.	1.2	13
124	Left ventricular geometry and periodontitis in patients with the metabolic syndrome. Clinical Oral Investigations, 2019, 23, 2695-2703.	1.4	13
125	Early, but not advanced, glomerulopathy is reversed by pancreatic islet transplants in experimental diabetic rats: correlation with glomerular extracellular matrix mRNA levels. Diabetes, 1997, 46, 1198-1206.	0.3	13
126	Early effects of high-fat diet, extra-virgin olive oil and vitamin D in a sedentary rat model of non-alcoholic fatty liver disease. Histology and Histopathology, 2018, 33, 1201-1213.	0.5	13

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127	Hexokinase Shift to Mitochondria Is Associated With an Increased Sensitivity to Glucose in Rat Pancreatic Islets. <i>Diabetes</i> , 1997, 46, 1148-1152.	0.3	12
128	Joint use of cardio-embolic and bleeding risk scores in elderly patients with atrial fibrillation. <i>European Journal of Internal Medicine</i> , 2013, 24, 800-806.	1.0	12
129	Twelve Variants Polygenic Score for Low-Density Lipoprotein Cholesterol Distribution in a Large Cohort of Patients With Clinically Diagnosed Familial Hypercholesterolemia With or Without Causative Mutations. <i>Journal of the American Heart Association</i> , 2022, 11, e023668.	1.6	12
130	Glucose transport, phosphorylation, and utilization in isolated porcine pancreatic islets. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 261-266.	1.5	11
131	Early phase insulin secretion is increased in subjects with normal fasting glucose and metabolic syndrome: a premature feature of beta-cell dysfunction. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 206-212.	1.1	11
132	Pattern of in-hospital changes in drug use in the older people from 2010 to 2016. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 1534-1539.	0.9	11
133	Inflammation and ventricular-vascular coupling in hypertensive patients with metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 1222-1229.	1.1	11
134	Direct Effects of D-Chiro-Inositol on Insulin Signaling and Glucagon Secretion of Pancreatic Alpha Cells. <i>Biomolecules</i> , 2020, 10, 1404.	1.8	11
135	High glomerular filtration rate is associated with impaired arterial stiffness and subendocardial viability ratio in prediabetic subjects. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3393-3400.	1.1	11
136	PCSK9 Plasma Levels Are Associated with Mechanical Vascular Impairment in Familial Hypercholesterolemia Subjects without a History of Atherosclerotic Cardiovascular Disease: Results of Six-Month Add-On PCSK9 Inhibitor Therapy. <i>Biomolecules</i> , 2022, 12, 562.	1.8	11
137	Glucose regulates both glucose transport and the glucose transporter gene expression in a hamster-derived pancreatic Beta-cell line (HIT). <i>Diabetologia</i> , 1991, 34, 366-369.	2.9	10
138	Reduction of advanced glycation end-product (AGE) levels in nervous tissue proteins of diabetic Lewis rats following islet transplants is related to different durations of poor metabolic control. <i>European Journal of Neuroscience</i> , 1998, 10, 2768-2775.	1.2	10
139	Seasonality of Month of Birth of Children (0-14 Years Old) with Type 1 Diabetes Mellitus in the District of Catania (Sicily). <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2001, 14, 95-6.	0.4	10
140	Hypothalamus-pituitary dysfunction is common in patients with stable cirrhosis and abnormal low dose synacthen test. <i>Digestive and Liver Disease</i> , 2015, 47, 1047-1051.	0.4	10
141	Guidelines for the screening and diagnosis of gestational diabetes in Italy from 2010 to 2019: critical issues and the potential for improvement. <i>Acta Diabetologica</i> , 2019, 56, 1159-1167.	1.2	10
142	Analysis of Arterial Stiffness and Sexual Function after Adding on PCSK9 Inhibitor Treatment in Male Patients with Familial Hypercholesterolemia: A Single Lipid Center Real-World Experience. <i>Journal of Clinical Medicine</i> , 2020, 9, 3597.	1.0	10
143	Impact of high neutrophil-to-lymphocyte ratio on the cardiovascular benefit of PCSK9 inhibitors in familial hypercholesterolemia subjects with atherosclerotic cardiovascular disease: Real-world data from two lipid units. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3401-3406.	1.1	10
144	A ten-year (1989-1998) perspective study of the incidence of Type 1 diabetes in the district of Catania (Sicily) in a 14 year age group. <i>Journal of Endocrinological Investigation</i> , 2002, 25, 414-419.	1.8	9

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145	Emerging hepatic syndromes: pathophysiology, diagnosis and treatment. Internal and Emergency Medicine, 2016, 11, 905-916.	1.0	9
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148	Critical appraisal of the European Union Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) Preliminary Opinion on electronic cigarettes. Harm Reduction Journal, 2021, 18, 31.	1.3	8
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176	Analysis of gingival crevicular fluid biomarkers in patients with metabolic syndrome. <i>Journal of Dentistry</i> , 2022, 118, 104065.	1.7	2
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