Angelo Avogaro

List of Publications by Year
in descending order

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360	19,894	10389	15266
papers	citations	72 h-index	126 g-index

376	376	376	21820
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. European Heart Journal, 2020, 41, 255-323.	2.2	2,811
2	Circulating Endothelial Progenitor Cells Are Reduced in Peripheral Vascular Complications of Type 2 Diabetes Mellitus. Journal of the American College of Cardiology, 2005, 45, 1449-1457.	2.8	671
3	Number and Function of Endothelial Progenitor Cells as a Marker of Severity for Diabetic Vasculopathy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2140-2146.	2.4	393
4	Endothelial Dysfunction in Diabetes. Diabetes Care, 2011, 34, S285-S290.	8.6	381
5	Prevalence and impact of diabetes among people infected with SARS-CoV-2. Journal of Endocrinological Investigation, 2020, 43, 867-869.	3.3	371
6	The Oral Dipeptidyl Peptidase-4 Inhibitor Sitagliptin Increases Circulating Endothelial Progenitor Cells in Patients With Type 2 Diabetes. Diabetes Care, 2010, 33, 1607-1609.	8.6	299
7	Downregulation of the Longevity-Associated Protein Sirtuin 1 in Insulin Resistance and Metabolic Syndrome: Potential Biochemical Mechanisms. Diabetes, 2010, 59, 1006-1015.	0.6	268
8	Impact of Diabetes on Epidemiology, Treatment, and Outcomes of Patients WithÂHeart Failure. JACC: Heart Failure, 2015, 3, 136-145.	4.1	265
9	Diabetes impairs progenitor cell mobilisation after hindlimb ischaemiaâ€“reperfusion injury in rats. Diabetologia, 2006, 49, 3075-3084.	6.3	250
10	Autologous stem cell therapy for peripheral arterial disease. Atherosclerosis, 2010, 209, 10-17.	0.8	239
11	Technical notes on endothelial progenitor cells: Ways to escape from the knowledge plateau. Atherosclerosis, 2008, 197, 496-503.	0.8	233
12	NETosis Delays Diabetic Wound Healing in Mice and Humans. Diabetes, 2016, 65, 1061-1071.	0.6	233
13	Effects on the incidence of cardiovascular events of the addition of pioglitazone versus sulfonylureas in patients with type 2 diabetes inadequately controlled with metformin (TOSCA.IT): a randomised, multicentre trial. Lancet Diabetes and Endocrinology,the, 2017, 5, 887-897.	11.4	231
14	Circulating CD34+ cells, metabolic syndrome, and cardiovascular risk. European Heart Journal, 2006, 27, 2247-2255.	2.2	220
15	Rosiglitazone Reduces Glucose-Induced Oxidative Stress Mediated by NAD(P)H Oxidase via AMPK-Dependent Mechanism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2627-2633.	2.4	205
16	Peripheral Blood CD34 + KDR + Endothelial Progenitor Cells Are Determinants of Subclinical Atherosclerosis in a Middle-Aged General Population. Stroke, 2006, 37, 2277-2282.	2.0	204
17	Cardiovascular effects of DPP-4 inhibition: Beyond GLP-1. Vascular Pharmacology, 2011, 55, 10-16.	2.1	189
18	2 month evening and night closed-loop glucose control in patients with type 1 diabetes under free-living conditions: a randomised crossover trial. Lancet Diabetes and Endocrinology,the, 2015, 3, 939-947.	11.4	189

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19	NETosis is induced by high glucose and associated with type 2 diabetes. Acta Diabetologica, 2015, 52, 497-503.	2.5	188
20	SGLT2 inhibitors and diabetic ketoacidosis: data from the FDA Adverse Event Reporting System. Diabetologia, 2017, 60, 1385-1389.	6.3	186
21	Endothelial progenitor cells in the natural history of atherosclerosis. Atherosclerosis, 2007, 194, 46-54.	0.8	173
22	Time Course and Mechanisms of Circulating Progenitor Cell Reduction in the Natural History of Type 2 Diabetes. Diabetes Care, 2010, 33, 1097-1102.	8.6	168
23	Gender Differences in Endothelial Progenitor Cells and Cardiovascular Risk Profile. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 997-1004.	2.4	162
24	Significance of Endothelial Progenitor Cells in Subjects With Diabetes. Diabetes Care, 2007, 30, 1305-1313.	8.6	159
25	Mechanisms of endothelial dysfunction in obesity. Clinica Chimica Acta, 2005, 360, 9-26.	1.1	155
26	Diabetes Impairs Stem Cell and Proangiogenic Cell Mobilization in Humans. Diabetes Care, 2013, 36, 943-949.	8.6	151
27	Glycaemic Control Among People with Type 1 Diabetes During Lockdown for the SARS-CoV-2 Outbreak in Italy. Diabetes Therapy, 2020, 11, 1369-1379.	2.5	150
28	Newly-diagnosed diabetes and admission hyperglycemia predict COVID-19 severity by aggravating respiratory deterioration. Diabetes Research and Clinical Practice, 2020, 168, 108374.	2.8	147
29	Postprandial Myocardial Perfusion in Healthy Subjects and in Type 2 Diabetic Patients. Circulation, 2005, 112, 179-184.	1.6	145
30	Incidence of Coronary Heart Disease in Type 2 Diabetic Men and Women. Diabetes Care, 2007, 30, 1241-1247.	8.6	144
31	Nitric Oxide Synthesis Is Reduced in Subjects With Type 2 Diabetes and Nephropathy. Diabetes, 2010, 59, 2152-2159.	0.6	139
32	Diabetic gait and posture abnormalities: A biomechanical investigation through three dimensional gait analysis. Clinical Biomechanics, 2009, 24, 722-728.	1.2	138
33	The Effects of Dipeptidyl Peptidase-4 Inhibition on Microvascular Diabetes Complications. Diabetes Care, 2014, 37, 2884-2894.	8.6	138
34	Diabetes Causes Bone Marrow Autonomic Neuropathy and Impairs Stem Cell Mobilization via Dysregulated p66Shc and Sirt1. Diabetes, 2014, 63, 1353-1365.	0.6	131
35	Diabetes Induces p66shcGene Expression in Human Peripheral Blood Mononuclear Cells: Relationship to Oxidative Stress. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1130-1136.	3.6	126
36	Reduced expression of regulator of G-protein signaling 2 (RGS2) in hypertensive patients increases calcium mobilization and ERK1/2 phosphorylation induced by angiotensin II. Journal of Hypertension, 2006, 24, 1115-1124.	0.5	122

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37	An unbalanced monocyte polarisation in peripheral blood and bone marrow of patients with type 2 diabetes has an impact on microangiopathy. Diabetologia, 2013, 56, 1856-1866.	6.3	119
38	Myocardial Dysfunction and Adrenergic Cardiac Innervation in Patients With Insulin-Dependent Diabetes Mellitus. Journal of the American College of Cardiology, 1998, 31, 404-412.	2.8	118
39	SGLT2 inhibitors and amputations in the US FDA Adverse Event Reporting System. Lancet Diabetes and Endocrinology,the, 2017, 5, 680-681.	11.4	113
40	Widespread Increase in Myeloid Calcifying Cells Contributes to Ectopic Vascular Calcification in Type 2 Diabetes. Circulation Research, 2011, 108, 1112-1121.	4.5	109
41	Extraglycemic Effects of SGLT2 Inhibitors: A Review of the Evidence . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 161-174.	2.4	105
42	The antidiabetic drug metformin blunts NETosis in vitro and reduces circulating NETosis biomarkers in vivo. Acta Diabetologica, 2018, 55, 593-601.	2.5	103
43	Abnormal muscle activation during gait in diabetes patients with and without neuropathy. Gait and Posture, 2012, 35, 101-105.	1.4	101
44	Low CD34+ cell count and metabolic syndrome synergistically increase the risk of adverse outcomes. Atherosclerosis, 2009, 207, 213-219.	0.8	99
45	Endothelial dysfunction in type 2 diabetes mellitus. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, S39-S45.	2.6	98
46	Day-and-Night Closed-Loop Glucose Control in Patients With Type 1 Diabetes Under Free-Living Conditions: Results of a Single-Arm 1-Month Experience Compared With a Previously Reported Feasibility Study of Evening and Night at Home. Diabetes Care, 2016, 39, 1151-1160.	8.6	98
47	Metformin Prevents Glucose-Induced Protein Kinase C-Â2 Activation in Human Umbilical Vein Endothelial Cells Through an Antioxidant Mechanism. Diabetes, 2005, 54, 1123-1131.	0.6	97
48	Levels of Circulating Progenitor Cells, Cardiovascular Outcomes and Death. Circulation Research, 2016, 118, 1930-1939.	4.5	97
49	Risk of hospitalization for heart failure in patients with type 2 diabetes newly treated with DPP-4 inhibitors or other oral glucose-lowering medications: a retrospective registry study on 127,555 patients from the Nationwide OsMed Health-DB Database. European Heart Journal, 2015, 36, 2454-2462.	2.2	94
50	Microvascular complications in diabetes: A growing concern for cardiologists. International Journal of Cardiology, 2019, 291, 29-35.	1.7	93
51	Glucose tolerance is negatively associated with circulating progenitor cell levels. Diabetologia, 2007, 50, 2156-2163.	6.3	92
52	Forearm Nitric Oxide Balance, Vascular Relaxation, and Glucose Metabolism in NIDDM Patients. Diabetes, 1997, 46, 1040-1047.	0.6	91
53	Exposure to dipeptidylâ€peptidaseâ€4 inhibitors and <scp>COVID</scp>â€19 among people with type 2 diabetes: A caseâ€control study. Diabetes, Obesity and Metabolism, 2020, 22, 1946-1950.	4.4	91
54	Stable-Label Intravenous Glucose Tolerance Test Minimal Model. Diabetes, 1989, 38, 1048-1055.	0.6	89

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55	Effects of Treatment With Sulfonylurea Drugs or Insulin on Ischemia-Induced Myocardial Dysfunction in Type 2 Diabetes. Diabetes, 2002, 51, 808-812.	0.6	89
56	Alternative Activation of Human Macrophages Is Rescued by Estrogen Treatment In Vitro and Impaired by Menopausal Status. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E50-E58.	3.6	89
57	Protein kinase C activity is acutely regulated by plasma glucose concentration in human monocytes in vivo. Diabetes, 1999, 48, 1316-1322.	0.6	88
58	At the crossroads of longevity and metabolism: the metabolic syndrome and lifespan determinant pathways. Aging Cell, 2011, 10, 10-17.	6.7	88
59	Endothelial Progenitor Cells and the Diabetic Paradox. Diabetes Care, 2006, 29, 714-716.	8.6	87
60	Diabetic cardiomyopathy: A metabolic perspective. American Journal of Cardiology, 2004, 93, 13-16.	1.6	86
61	Bone Marrow Macrophages Contribute to Diabetic Stem Cell Mobilopathy by Producing Oncostatin M. Diabetes, 2015, 64, 2957-2968.	0.6	85
62	Circulating Progenitor Cell Count Predicts Microvascular Outcomes in Type 2 Diabetic Patients. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2666-2672.	3.6	85
63	Circulating Progenitor Cell Count for Cardiovascular Risk Stratification: A Pooled Analysis. PLoS ONE, 2010, 5, e11488.	2.5	84
64	The Redox Enzyme p66Shc Contributes to Diabetes and Ischemia-Induced Delay in Cutaneous Wound Healing. Diabetes, 2010, 59, 2306-2314.	0.6	83
65	Head-to-head comparison between flash and continuous glucose monitoring systems in outpatients with type 1 diabetes. Journal of Endocrinological Investigation, 2016, 39, 1391-1399.	3.3	83
66	Effects of the SGLT2 inhibitor dapagliflozin on HDL cholesterol, particle size, and cholesterol efflux capacity in patients with type 2 diabetes: a randomized placebo-controlled trial. Cardiovascular Diabetology, 2017, 16, 42.	6.8	80
67	Insulin Generates Free Radicals by an NAD(P)H, Phosphatidylinositol 3'-Kinase-Dependent Mechanism in Human Skin Fibroblasts Ex Vivo. Diabetes, 2004, 53, 1344-1351.	0.6	79
68	Randomized Summer Camp Crossover Trial in 5- to 9-Year-Old Children: Outpatient Wearable Artificial Pancreas Is Feasible and Safe. Diabetes Care, 2016, 39, 1180-1185.	8.6	79
69	Long-term Prediction of Cardiovascular Outcomes by Circulating CD34+ and CD34+CD133+ Stem Cells in Patients With Type 2 Diabetes. Diabetes Care, 2017, 40, 125-131.	8.6	79
70	Potential manipulation of endothelial progenitor cells in diabetes and its complications. Diabetes, Obesity and Metabolism, 2010, 12, 570-583.	4.4	76
71	Integrated kinematicsâ€“kineticsâ€“plantar pressure data analysis: A useful tool for characterizing diabetic foot biomechanics. Gait and Posture, 2012, 36, 20-26.	1.4	76
72	Pro-inflammatory monocyte-macrophage polarization imbalance in human hypercholesterolemia and atherosclerosis. Atherosclerosis, 2014, 237, 805-808.	0.8	76

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73	Sodiumâ€glucose coâ€transporterâ€2 inhibitors and diabetic ketoacidosis: <scp>A</scp>n updated review of the literature. Diabetes, Obesity and Metabolism, 2018, 20, 25-33.	4.4	76
74	The metabolic syndrome, diabetes and lung dysfunction. Diabetes and Metabolism, 2008, 34, 447-454.	2.9	73
75	Endothelial progenitor cells in diabetes mellitus. BioFactors, 2012, 38, 194-202.	5.4	73
76	Intracellular lactate- and pyruvate-interconversion rates are increased in muscle tissue of non-insulin-dependent diabetic individuals.. Journal of Clinical Investigation, 1996, 98, 108-115.	8.2	72
77	Insulin sensitivity and glucose effectiveness: minimal model analysis of regular and insulin-modified FSIGT. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E592-E599.	3.5	71
78	Metformin improves putative longevity effectors in peripheral mononuclear cells from subjects with prediabetes. A randomized controlled trial. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 686-693.	2.6	71
79	The hazard of (sub)therapeutic doses of anticoagulants in nonâ€critically ill patients with Covidâ€19: The Padua province experience. Journal of Thrombosis and Haemostasis, 2020, 18, 2629-2635.	3.8	71
80	Gemfibrozil improves insulin sensitivity and flow-mediated vasodilatation in type 2 diabetic patients. European Journal of Clinical Investigation, 2001, 31, 603-609.	3.4	70
81	Defective recruitment, survival and proliferation of bone marrow-derived progenitor cells at sites of delayed diabetic wound healing in mice. Diabetologia, 2011, 54, 945-953.	6.3	70
82	Monocyte NADPH Oxidase Subunit p22phoxand Inducible Hemeoxygenase-1 Gene Expressions Are Increased in Type II Diabetic Patients: Relationship with Oxidative Stress. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1753-1759.	3.6	66
83	Endothelial dysfunction: Causes and consequences in patients with diabetes mellitus. Diabetes Research and Clinical Practice, 2008, 82, S94-S101.	2.8	66
84	Acute Effects of Linagliptin on Progenitor Cells, Monocyte Phenotypes, and Soluble Mediators in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 748-756.	3.6	65
85	Plasma Free Fatty Acids and Endothelium-Dependent Vasodilation: Effect of Chain-Length and Cyclooxygenase Inhibition. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 793-798.	3.6	64
86	Angiogenic Abnormalities in Diabetes Mellitus: Mechanistic and Clinical Aspects. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5431-5444.	3.6	64
87	Stem cell compartmentalization in diabetes and high cardiovascular risk reveals the role of DPP-4 in diabetic stem cell mobilopathy. Basic Research in Cardiology, 2013, 108, 313.	5.9	63
88	miR-30c-5p regulates macrophage-mediated inflammation and pro-atherosclerosis pathways. Cardiovascular Research, 2017, 113, 1627-1638.	3.8	62
89	L-Arginine-Nitric Oxide Kinetics in Normal and Type 2 Diabetic Subjects: A Stable-Labelled 15N Arginine Approach. Diabetes, 2003, 52, 795-802.	0.6	60
90	Visceral obesity is characterized by impaired nitric oxide-independent vasodilation. European Heart Journal, 2003, 24, 1210-1215.	2.2	60

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91	Alcohol Intake Impairs Glucose Counterregulation During Acute Insulin-Induced Hypoglycemia in IDDM Patients: Evidence for a Critical Role of Free Fatty Acids. Diabetes, 1993, 42, 1626-1634.	0.6	59
92	Characterizing multisegment foot kinematics during gait in diabetic foot patients. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 37.	4.6	57
93	Effects of chronic alcohol intake on carbohydrate and lipid metabolism in subjects with type ii (non-insulin-dependent) diabetes. American Journal of Medicine, 1991, 90, 70-76.	1.5	56
94	Insulin signaling and life span. Pflugers Archiv European Journal of Physiology, 2010, 459, 301-314.	2.8	56
95	Reduced endothelial progenitor cells and brachial artery flowâ€mediated dilation as evidence of endothelial dysfunction in ocular hypertension and primary openâ€angle glaucoma. Acta Ophthalmologica, 2010, 88, 135-141.	1.1	56
96	Circulating levels and characterization of microparticles in patients with different degrees of glucose tolerance. Cardiovascular Diabetology, 2017, 16, 118.	6.8	55
97	Type I Diabetes is Characterized by Insulin Resistance Not Only with Regard to Glucose, but also to Lipid and Aminoacid Metabolism*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 1155-1162.	3.6	53
98	Undermodeling affects minimal model indexes: insights from a two-compartment model. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E1171-E1193.	3.5	53
99	Cell-based methods for ex vivo evaluation of human endothelial biology. Cardiovascular Research, 2010, 87, 12-21.	3.8	52
100	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. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 421-431.	2.6	52
101	Endothelial Progenitor Cells and Vascular Biology in Diabetes Mellitus: Current Knowledge and Future Perspectives. Current Diabetes Reviews, 2005, 1, 41-58.	1.3	50
102	Optimized glycaemic control achieved with add-on basal insulin therapy improves indexes of endothelial damage and regeneration in type 2 diabetic patients with macroangiopathy: a randomized crossover trial comparing detemir versus glargine. Diabetes, Obesity and Metabolism, 2011, 13, 718-725.	4.4	50
103	Diabetes Limits Stem Cell Mobilization Following G-CSF but Not Plerixafor. Diabetes, 2015, 64, 2969-2977.	0.6	50
104	FreeStyle Libre and Dexcom G4 Platinum sensors: Accuracy comparisons during two weeks of home use and use during experimentally induced glucose excursions. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 180-186.	2.6	50
105	Ten years of experience with DPP-4 inhibitors for the treatment of type 2 diabetes mellitus. Acta Diabetologica, 2019, 56, 605-617.	2.5	50
106	Acute Alcohol Consumption Improves Insulin Action Without Affecting Insulin Secretion in Type 2 Diabetic Subjects. Diabetes Care, 2004, 27, 1369-1374.	8.6	49
107	The increased dipeptidyl peptidaseâ€4 activity is not counteracted by optimized glucose control in type 2 diabetes, but is lower in metforminâ€treated patients. Diabetes, Obesity and Metabolism, 2012, 14, 518-522.	4.4	49
108	Dipeptidyl peptidase-4 inhibition and vascular repair by mobilization of endogenous stem cells in diabetes and beyond. Atherosclerosis, 2013, 229, 23-29.	0.8	48

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109	NAD+-dependent SIRT1 deactivation has a key role on ischemiaâ€“reperfusion-induced apoptosis. Vascular Pharmacology, 2015, 70, 35-44.	2.1	48
110	Cardiovascular outcomes of type 2 diabetic patients treated with SGLT-2 inhibitors versus GLP-1 receptor agonists in real-life. BMJ Open Diabetes Research and Care, 2020, 8, e001451.	2.8	48
111	Diabetes-Associated Myelopoiesis Drives Stem Cell Mobilopathy Through an OSM-p66Shc Signaling Pathway. Diabetes, 2019, 68, 1303-1314.	0.6	47
112	Independent glucose and weight-reducing effects of Liraglutide in a real-world population of type 2 diabetic outpatients. Acta Diabetologica, 2013, 50, 943-949.	2.5	46
113	A perspective on NETosis in diabetes and cardiometabolic disorders. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 1-8.	2.6	45
114	Continued efforts to translate diabetes cardiovascular outcome trials into clinical practice. Cardiovascular Diabetology, 2016, 15, 111.	6.8	44
115	Carotid Plaque Calcification Predicts Future Cardiovascular Events in Type 2 Diabetes. Diabetes Care, 2015, 38, 1937-1944.	8.6	43
116	Plasma Free Fatty Acids and Endothelium-Dependent Vasodilation: Effect of Chain-Length and Cyclooxygenase Inhibition. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 793-798.	3.6	43
117	Characterization of endothelial progenitor cells. Biochemical and Biophysical Research Communications, 2005, 336, 1-2.	2.1	42
118	The good and the bad in the link between insulin resistance and vascular calcification. Atherosclerosis, 2007, 193, 241-244.	0.8	42
119	Procalcific Phenotypic Drift of Circulating Progenitor Cells in Type 2 Diabetes with Coronary Artery Disease. Experimental Diabetes Research, 2012, 2012, 1-7.	3.8	42
120	Diabetes impairs mobilization of stem cells for the treatment of cardiovascular disease. International Journal of Cardiology, 2013, 168, 892-897.	1.7	42
121	Shift of monocyte subsets along their continuum predicts cardiovascular outcomes. Atherosclerosis, 2017, 266, 95-102.	0.8	42
122	Head-to-head comparison of the accuracy of Abbott FreeStyle Libre and Dexcom G5 mobile. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 425-427.	2.6	42
123	Characteristics, prevalence, and outcomes of diabetic foot ulcers in Africa. A systemic review and meta-analysis. Diabetes Research and Clinical Practice, 2018, 142, 63-73.	2.8	42
124	It Is All in the Blood: The Multifaceted Contribution of Circulating Progenitor Cells in Diabetic Complications. Experimental Diabetes Research, 2012, 2012, 1-8.	3.8	41
125	3D finite element model of the diabetic neuropathic foot: A gait analysis driven approach. Journal of Biomechanics, 2014, 47, 3064-3071.	2.1	41
126	Oxidative stress and vascular disease in diabetes: Is the dichotomization of insulin signaling still valid?. Free Radical Biology and Medicine, 2008, 44, 1209-1215.	2.9	40

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127	Epinephrine Exerts Opposite Effects on Peripheral Glucose Disposal and Glucose-Stimulated Insulin Secretion: A Stable Label Intravenous Glucose Tolerance Test Minimal Model Study. Diabetes, 1996, 45, 1373-1378.	0.6	38
128	The role of foot morphology on foot function in diabetic subjects with or without neuropathy. Gait and Posture, 2013, 37, 603-610.	1.4	38
129	Dipeptidyl-peptidase 4 Inhibition: Linking Metabolic Control to Cardiovascular Protection. Current Pharmaceutical Design, 2014, 20, 2387-2394.	1.9	38
130	Elevated white blood cell count is associated with prevalence and development of the metabolic syndrome and its components in the general population. Acta Diabetologica, 2012, 49, 445-451.	2.5	36
131	Mechanisms linking empagliflozin to cardiovascular and renal protection. International Journal of Cardiology, 2017, 241, 450-456.	1.7	36
132	Diabetic retinopathy is associated with the presence and burden of subclinical carotid atherosclerosis in type 1 diabetes. Cardiovascular Diabetology, 2018, 17, 66.	6.8	36
133	Reinterpreting Cardiorenal Protection of Renal Sodiumâ€“Glucose Cotransporter 2 Inhibitors via Cellular Life History Programming. Diabetes Care, 2020, 43, 501-507.	8.6	36
134	Sirtuin 1 stabilization by HuR represses TNF-Î±- and glucose-induced E-selectin release and endothelial cell adhesivenessinÂvitro: relevance to human metabolic syndrome. Clinical Science, 2014, 127, 449-461.	4.3	35
135	SGLT-2Âinhibitors and atrial fibrillation in the Food and Drug Administration adverse event reporting system. Cardiovascular Diabetology, 2021, 20, 39.	6.8	35
136	Disentangling conflicting evidence on DPP-4 inhibitors and outcomes of COVID-19: narrative review and meta-analysis. Journal of Endocrinological Investigation, 2021, 44, 1379-1386.	3.3	35
137	Forearm nitric oxide balance, vascular relaxation, and glucose metabolism in NIDDM patients. Diabetes, 1997, 46, 1040-1046.	0.6	35
138	Microangiopathy is independently associated with presence, severity and composition of carotid atherosclerosis in type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 21, 286-93.	2.6	34
139	A decade-long telemedicine screening program for diabetic retinopathy in the north-east of Italy. Journal of Diabetes and Its Complications, 2017, 31, 1348-1353.	2.3	34
140	Glucose Tolerance during Moderate Alcohol Intake: Insights on Insulin Action from Glucose/Lactate Dynamics. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1233-1238.	3.6	33
141	Effects of androgens on endothelial progenitor cellsin vitroandin vivo. Clinical Science, 2009, 117, 355-364.	4.3	33
142	Sensory neuropathy hampers nociception-mediated bone marrow stem cell release in mice and patients with diabetes. Diabetologia, 2015, 58, 2653-2662.	6.3	33
143	Psychological outcomes of evening and night closedâ€loop insulin delivery under free living conditions in people with Type 1 diabetes: a 2â€month randomized crossover trial. Diabetic Medicine, 2017, 34, 262-271.	2.3	33
144	Effectiveness of dapagliflozin versus comparators on renal endpoints in the real world: A multicentre retrospective study. Diabetes, Obesity and Metabolism, 2019, 21, 252-260.	4.4	33

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145	Diabetes diagnosis from administrative claims and estimation of the true prevalence of diabetes among 4.2 million individuals of the Veneto region (North East Italy). Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 84-91.	2.6	33
146	Dipeptidyl peptidaseâ€4 inhibitors can minimize the hypoglycaemic burden and enhance safety in elderly people with diabetes. Diabetes, Obesity and Metabolism, 2015, 17, 107-115.	4.4	32
147	Use and effectiveness of dapagliflozin in routine clinical practice: An Italian multicentre retrospective study. Diabetes, Obesity and Metabolism, 2018, 20, 1781-1786.	4.4	32
148	Dipeptidyl peptidaseâ€4 inhibitors moderate the risk of genitourinary tract infections associated with sodiumâ€glucose coâ€transporterâ€2 inhibitors. Diabetes, Obesity and Metabolism, 2018, 20, 740-744.	4.4	31
149	Cardiac injury and mortality in patients with Coronavirus disease 2019 (COVID-19): insights from a mediation analysis. Internal and Emergency Medicine, 2021, 16, 419-427.	2.0	31
150	The Toll of Lockdown Against COVID-19 on Diabetes Outpatient Care: Analysis From an Outbreak Area in Northeast Italy. Diabetes Care, 2021, 44, e18-e21.	8.6	31
151	Italian Society for the Study of Diabetes (SID)/Italian Endocrinological Society (SIE) guidelines on the treatment of hyperglycemia in Cushingâ€™s syndrome and acromegaly. Journal of Endocrinological Investigation, 2016, 39, 235-255.	3.3	30
152	Efficacy of telemedicine for persons with type 1 diabetes during Covid19 lockdown. Nutrition and Diabetes, 2021, 11, 1.	3.2	30
153	p66Shc deletion or deficiency protects from obesity but not metabolic dysfunction in mice and humans. Diabetologia, 2015, 58, 2352-2360.	6.3	29
154	Effects of SGLT2 Inhibitors on Circulating Stem and Progenitor Cells in Patients With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3773-3782.	3.6	29
155	Contribution of 3-hydroxyisobutyrate to the measurement of 3-hydroxybutyrate in human plasma: comparison of enzymatic and gas-liquid chromatography-mass spectrometry assays in normal and in diabetic subjects.. Journal of Lipid Research, 1989, 30, 1811-1817.	4.2	29
156	Myeloid calcifying cells promote atherosclerotic calcification via paracrine activity and allograft inflammatory factor-1 overexpression. Basic Research in Cardiology, 2013, 108, 368.	5.9	28
157	The rs2274911 polymorphism in <scp>GPRC</scp>6A gene is associated with insulin resistance in normal weight and obese subjects. Clinical Endocrinology, 2017, 86, 185-191.	2.4	28
158	Systemic and vascular inflammation in an in-vitro model of central obesity. PLoS ONE, 2018, 13, e0192824.	2.5	27
159	The Endothelium Abridges Insulin Resistance to Premature Aging. Journal of the American Heart Association, 2013, 2, e000262.	3.7	26
160	Cardiovascular Actions of GLP-1 and Incretin-Based Pharmacotherapy. Current Diabetes Reports, 2014, 14, 483.	4.2	26
161	High Temporal Resolution Detection of Patient-Specific Glucose Uptake from Human ex Vivo Adipose Tissue On-Chip. Analytical Chemistry, 2015, 87, 6535-6543.	6.5	26
162	Rationale and design of the DARWIN-T2D (DApagliflozin Real World evIdeNce in Type 2 Diabetes). Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 1089-1097.	2.6	26

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163	Glucagon-like peptide-1 receptor agonists are not associated with retinal adverse events in the FDA Adverse Event Reporting System. BMJ Open Diabetes Research and Care, 2018, 6, e000475.	2.8	26
164	Glucose-lowering therapy and cardiovascular outcomes in patients with type 2 diabetes mellitus and acute coronary syndrome. Diabetes and Vascular Disease Research, 2019, 16, 399-414.	2.0	26
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