Massimo Porta

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Global Prevalence and Major Risk Factors of Diabetic Retinopathy. Diabetes Care, 2012, 35, 556-564.	4.3	3,439
2	Effect of candesartan on prevention (DIRECT-Prevent 1) and progression (DIRECT-Protect 1) of retinopathy in type 1 diabetes: randomised, placebo-controlled trials. Lancet, The, 2008, 372, 1394-1402.	6.3	423
3	Effect of candesartan on progression and regression of retinopathy in type 2 diabetes (DIRECT-Protect) Tj ETQq1	10,7843	14 rgBT /Ov 414
4	A 5-Year Randomized Controlled Study of Learning, Problem Solving Ability, and Quality of Life Modifications in People With Type 2 Diabetes Managed by Group Care. Diabetes Care, 2004, 27, 670-675.	4.3	294
5	Platelet-derived growth factor regulates the secretion of extracellular vesicles by adipose mesenchymal stem cells and enhances their angiogenic potential. Cell Communication and Signaling, 2014, 12, 26.	2.7	240
6	Screening and prevention of diabetic blindness. Acta Ophthalmologica, 2000, 78, 374-385.	0.4	223
7	Pericyte Loss in Diabetic Retinopathy: Mechanisms and Consequences. Current Medicinal Chemistry, 2013, 20, 3218-3225.	1.2	222
8	Effect of Candesartan on Microalbuminuria and Albumin Excretion Rate in Diabetes. Annals of Internal Medicine, 2009, 151, 11.	2.0	210
9	Relationship Between Risk Factors and Mortality in Type 1 Diabetic Patients in Europe. Diabetes Care, 2008, 31, 1360-1366.	4.3	199
10	Lifestyle intervention by group care prevents deterioration of Type II diabetes: a 4-year randomized controlled clinical trial. Diabetologia, 2002, 45, 1231-1239.	2.9	191
11	Diabetic Retinopathy Is Associated With Mortality and Cardiovascular Disease Incidence: The EURODIAB Prospective Complications Study. Diabetes Care, 2005, 28, 1383-1389.	4.3	157
12	Rethink Organization to iMprove Education and Outcomes (ROMEO). Diabetes Care, 2010, 33, 745-747.	4.3	134
13	Regulation of Intracellular Glucose and Polyol Pathway by Thiamine and Benfotiamine in Vascular Cells Cultured in High Glucose. Journal of Biological Chemistry, 2006, 281, 9307-9313.	1.6	124
14	Human mesenchymal stem cell-derived microvesicles modulate T cell response to islet antigen glutamic acid decarboxylase in patients with type 1 diabetes. Diabetologia, 2014, 57, 1664-1673.	2.9	119
15	Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy: Cross-sectional Analyses of Baseline Data of the EUROCONDOR Project. Diabetes, 2017, 66, 2503-2510.	0.3	103
16	Effects of thiamine and benfotiamine on intracellular glucose metabolism and relevance in the prevention of diabetic complications. Acta Diabetologica, 2008, 45, 131-141.	1.2	101
17	Estimating the Delay Between Onset and Diagnosis of Type 2 Diabetes From the Time Course of Retinopathy Prevalence. Diabetes Care, 2014, 37, 1668-1674.	4.3	100
18	Sleep abnormalities in type 2 diabetes may be associated with glycemic control. Acta Diabetologica, 2008, 45, 225-229.	1.2	89

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19	Prediction of Chronic Kidney Disease Stage 3 by CKD273, a Urinary Proteomic Biomarker. Kidney International Reports, 2017, 2, 1066-1075.	0.4	77
20	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Diabetes, 2019, 68, 457-463.	0.3	69
21	Urinary proteomics predict onset of microalbuminuria in normoalbuminuric type 2 diabetic patients, a sub-study of the DIRECT-Protect 2 study. Nephrology Dialysis Transplantation, 2017, 32, gfw292.	0.4	66
22	Molecular and functional characterization of circulating extracellular vesicles from diabetic patients with and without retinopathy and healthy subjects. Experimental Eye Research, 2018, 176, 69-77.	1.2	63
23	The Dlabetic REtinopathy Candesartan Trials (DIRECT) Programme: baseline characteristics. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2005, 6, 25-32.	1.0	59
24	The locus of control in patients with TypeÂ1 and TypeÂ2 diabetes managed by individual and group care. Diabetic Medicine, 2008, 25, 86-90.	1.2	58
25	Intravitreal anti-VEGF agents and cardiovascular risk. Internal and Emergency Medicine, 2020, 15, 199-210.	1.0	54
26	A 3-year prospective randomized controlled clinical trial of group care in type 1 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2005, 15, 293-301.	1.1	50
27	Extracellular vesicles derived from mesenchymal stem cells induce features of diabetic retinopathy in vitro. Acta Diabetologica, 2014, 51, 1055-1064.	1.2	49
28	Achieving HbA1c targets in clinical trials and in the real world: a systematic review and meta-analysis. Journal of Endocrinological Investigation, 2014, 37, 477-495.	1.8	46
29	Medical management for the prevention and treatment of diabetic macular edema. Survey of Ophthalmology, 2013, 58, 459-465.	1.7	43
30	Type 2 diabetes affects bone cells precursors and bone turnover. BMC Endocrine Disorders, 2018, 18, 55.	0.9	42
31	Current approaches and perspectives in the medical treatment of diabetic retinopathy. , 2004, 103, 167-177.		41
32	Thiamine and benfotiamine prevent apoptosis induced by high glucose onditioned extracellular matrix in human retinal pericytes. Diabetes/Metabolism Research and Reviews, 2009, 25, 647-656.	1.7	41
33	Functional analysis of miR-21-3p, miR-30b-5p and miR-150-5p shuttled by extracellular vesicles from diabetic subjects reveals their association with diabetic retinopathy. Experimental Eye Research, 2019, 184, 56-63.	1.2	40
34	Is there evidence of potential overtreatment of glycaemia in elderly people with type 2 diabetes? Data from the GUIDANCE study. Acta Diabetologica, 2017, 54, 209-214.	1.2	38
35	Twenty-four hour variations of von Willebrand factor and factor VIII-related antigen in diabetic retinopathy. Metabolism: Clinical and Experimental, 1981, 30, 695-699.	1.5	37
36	Clinical factors associated with death in 3044 COVID-19 patients managed in internal medicine wards in Italy: results from the SIMI-COVID-19 study of the Italian Society of Internal Medicine (SIMI). Internal and Emergency Medicine, 2021, 16, 1005-1015.	1.0	37

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37	Hypertensive retinopathy: there's more than meets the eye. Journal of Hypertension, 2005, 23, 683-696.	0.3	36
38	Salt and hypertension: a phylogenetic perspective. Diabetes/Metabolism Research and Reviews, 2005, 21, 118-131.	1.7	36
39	Variation in <i>SLC19A3</i> and Protection From Microvascular Damage in Type 1 Diabetes. Diabetes, 2016, 65, 1022-1030.	0.3	34
40	Type 2 diabetes mellitus and sepsis: state of the art, certainties and missing evidence. Acta Diabetologica, 2021, 58, 1139-1151.	1.2	34
41	Inferior vena cava diameters and collapsibility index reveal early volume depletion in a blood donor model. The Ultrasound Journal, 2015, 7, 17.	2.0	33
42	Effects of high glucose and thiamine on the balance between matrix metalloproteinases and their tissue inhibitors in vascular cells. Acta Diabetologica, 2010, 47, 105-111.	1.2	32
43	Fundamental principles of an effective diabetic retinopathy screening program. Acta Diabetologica, 2020, 57, 785-798.	1.2	32
44	Perceptions of diabetic retinopathy and screening procedures among diabetic people. Diabetic Medicine, 2002, 19, 810-813.	1.2	31
45	Infant and Toddler Type 1 Diabetes. Diabetes Care, 2012, 35, 829-833.	4.3	31
46	Human pericyte–endothelial cell interactions in co-culture models mimicking the diabetic retinal microvascular environment. Acta Diabetologica, 2012, 49, 141-151.	1.2	31
47	Depression, anxiety and cognitive function in patients with type 2 diabetes: an 8-year prospective observational study. Acta Diabetologica, 2015, 52, 1157-1166.	1.2	30
48	Vision related quality of life in patients with type 2 diabetes in the EUROCONDOR trial. Endocrine, 2017, 57, 83-88.	1.1	30
49	Quality of life, impaired vision and social role in people with diabetes: a multicenter observational study. Acta Diabetologica, 2013, 50, 873-877.	1.2	29
50	Different apoptotic responses of human and bovine pericytes to fluctuating glucose levels and protective role of thiamine. Diabetes/Metabolism Research and Reviews, 2009, 25, 566-576.	1.7	28
51	Is there life after evidence-based medicine?. Journal of Evaluation in Clinical Practice, 2004, 10, 147-152.	0.9	27
52	Effects of mechanical stress and high glucose on pericyte proliferation, apoptosis and contractile phenotype. Experimental Eye Research, 2006, 83, 989-994.	1.2	26
53	Molecular mechanisms of extracellular vesicle-induced vessel destabilization in diabetic retinopathy. Acta Diabetologica, 2015, 52, 1113-1119.	1.2	26
54	Evaluation of the locus of control in patients with type 2 diabetes after long-term management by group care. Diabetes and Metabolism, 2006, 32, 77-81.	1.4	25

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55	Quality of Life, Coping Ability, and Metabolic Control in Patients With Type 1 Diabetes Managed By Group Care and a Carbohydrate Counting Program. Diabetes Care, 2009, 32, e134-e134.	4.3	25
56	A Study of Patients' Perceptions of Diabetes Care Delivery and Diabetes. Diabetes Care, 2012, 35, 242-247.	4.3	24
57	Prospective, randomized trial on intensive SMBG management added value in non-insulin-treated T2DM patients (PRISMA): a study to determine the effect of a structured SMBG intervention. Acta Diabetologica, 2013, 50, 663-672.	1.2	22
58	Establishment and characterization of a human retinal pericyte line: A novel tool for the study of diabetic retinopathy. International Journal of Molecular Medicine, 2009, 23, 373-8.	1.8	21
59	Depression, anxiety, cognitive impairment and their association with clinical and demographic variables in people with type 2 diabetes: a 4-year prospective study. Journal of Endocrinological Investigation, 2014, 37, 79-85.	1.8	21
60	Vena Cava Responsiveness to Controlled Isovolumetric Respiratory Efforts. Journal of Ultrasound in Medicine, 2017, 36, 2113-2123.	0.8	21
61	Screening for Diabetic Retinopathy in Europe. Diabetic Medicine, 1991, 8, 197-198.	1.2	20
62	Emerging drugs for the treatment of diabetic retinopathy. Expert Opinion on Emerging Drugs, 2020, 25, 261-271.	1.0	20
63	Perception of, and anxiety levels induced by, laser treatment in patients with sight-threatening diabetic retinopathy. A multicentre study. Diabetic Medicine, 2006, 23, 1106-1109.	1.2	19
64	Clinical characteristics influence screening intervals for diabetic retinopathy. Diabetologia, 2013, 56, 2147-2152.	2.9	19
65	Semi-automated Tracking and Continuous Monitoring of Inferior Vena Cava Diameter in Simulated and Experimental Ultrasound Imaging. Ultrasound in Medicine and Biology, 2015, 41, 845-857.	0.7	19
66	Effects of the neuroprotective drugs somatostatin and brimonidine on retinal cell models of diabetic retinopathy. Acta Diabetologica, 2016, 53, 957-964.	1.2	19
67	Cochlear, auditory brainstem responses in Type 1 diabetes: relationship with metabolic variables and diabetic complications. Diabetic Medicine, 2016, 33, 1260-1267.	1.2	18
68	THE STORM (acute coronary Syndrome in paTients end Of life and Risk assesMent) study. Emergency Medicine Journal, 2016, 33, 10-16.	0.4	18
69	Diabetic retinopathy, diabetic macular edema, and cardiovascular risk: the importance of a long-term perspective and a multidisciplinary approach to optimal intravitreal therapy. Acta Diabetologica, 2020, 57, 513-526.	1.2	18
70	The co-activator-associated arginine methyltransferase 1 (CARM1) gene is overexpressed in type 2 diabetes. Endocrine, 2019, 63, 284-292.	1.1	17
71	The Role of Biofactors in Diabetic Microvascular Complications. Current Diabetes Reviews, 2022, 18, .	0.6	16
72	Five warrants for medical decision making: some considerations and a proposal to better integrate evidence-based medicine into everyday practice. Commentary on Tonelli (2006), Integrating evidence into clinical practice: an alternative to evidence-based a. Journal of Evaluation in Clinical Practice, 2006, 12, 265-268.	0.9	15

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73	Improved Repeatability of the Estimation of Pulsatility of Inferior Vena Cava. Ultrasound in Medicine and Biology, 2019, 45, 2830-2843.	0.7	14
74	Accuracy of right atrial pressure estimation using a multi-parameter approach derived from inferior vena cava semi-automated edge-tracking echocardiography: a pilot study in patients with cardiovascular disorders. International Journal of Cardiovascular Imaging, 2020, 36, 1213-1225.	0.7	14
75	Somatostatin protects human retinal pericytes from inflammation mediated by microglia. Experimental Eye Research, 2017, 164, 46-54.	1.2	13
76	Self-management education may improve blood pressure in people with type 2 diabetes. A randomized controlled clinical trial. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1973-1979.	1.1	13
77	Prevalence of retinopathy in patients with type 1 diabetes diagnosed before and after puberty. Acta Diabetologica, 2014, 51, 1049-1054.	1.2	11
78	Ketoacidosis at diagnosis in childhood-onset diabetes and the risk of retinopathy 20years later. Journal of Diabetes and Its Complications, 2016, 30, 55-60.	1.2	11
79	Thiamine and diabetes: back to the future?. Acta Diabetologica, 2021, 58, 1433-1439.	1.2	11
80	Automated Volume Status Assessment Using Inferior Vena Cava Pulsatility. Electronics (Switzerland), 2020, 9, 1671.	1.8	10
81	Why Miss the Chance? Incidental Findings while Telescreening for Diabetic Retinopathy. Ophthalmic Epidemiology, 2020, 27, 237-245.	0.8	10
82	The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Journal of Clinical Medicine, 2020, 9, 1233.	1.0	10
83	Glargine insulin loaded lipid nanoparticles: Oral delivery of liquid and solid oral dosage forms. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 691-698.	1.1	10
84	The changing role of the endocrinologist in the care of patients with diabetic retinopathy. Endocrine, 2014, 46, 199-208.	1.1	9
85	Systematic Screening of Retinopathy in Diabetes (REaD Project): An Italian Implementation Campaign. European Journal of Ophthalmology, 2017, 27, 179-184.	0.7	9
86	Imbalance between proâ€apoptotic and proâ€survival factors in human retinal pericytes in diabeticâ€like conditions. Acta Ophthalmologica, 2018, 96, e19-e26.	0.6	9
87	In vivo Studies of Endothelial Cell Function in Diabetic Microangiopathy. Frontiers in Diabetes, 1987, 8, 16-28.	0.4	8
88	Retinal heat shock protein 25 in early experimental diabetes. Acta Diabetologica, 2013, 50, 579-585.	1.2	8
89	Association of Autoimmunity to Autonomic Nervous Structures With Nerve Function in Patients With Type 1 Diabetes: A 16-Year Prospective Study. Diabetes Care, 2014, 37, 1108-1115.	4.3	8
90	No Sign of Proliferative Retinopathy in 15 Patients With Permanent Neonatal Diabetes With a Median Diabetes Duration of 24 Years. Diabetes Care, 2014, 37, e181-e182.	4.3	8

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91	Diagnosis of type 1 diabetes within the first five years of life influences quality of life and risk of severe hypoglycemia in adulthood. Acta Diabetologica, 2014, 51, 509-511.	1.2	8
92	Cognitive Function May be a Predictor of Retinopathy Progression in Patients with Type 2 Diabetes. European Journal of Ophthalmology, 2017, 27, 278-280.	0.7	8
93	Thiamine transporter 2 is involved in high glucose-induced damage and altered thiamine availability in cell models of diabetic retinopathy. Diabetes and Vascular Disease Research, 2020, 17, 147916411987842.	0.9	8
94	Assessment of Phasic Changes of Vascular Size by Automated Edge Tracking-State of the Art and Clinical Perspectives. Frontiers in Cardiovascular Medicine, 2021, 8, 775635.	1.1	8
95	One hundred years ago: the dawning of the insulin era. Acta Diabetologica, 2021, 58, 1-4.	1.2	7
96	Peripheral neuropathy after viral eradication with directâ€acting antivirals in chronic HCV hepatitis: A prospective study. Liver International, 2021, 41, 2611-2621.	1.9	7
97	Diabetic retinopathy and its relevance to paediatric age. An update. Pediatric Endocrinology Reviews, 2004, 1, 404-11.	1.2	7
98	The eyes in diabetes and diabetes through the eyes. Diabetes Research and Clinical Practice, 2007, 78, S51-S58.	1.1	6
99	Self-management Education by Group Care Reduces Cardiovascular Risk in Patients With Type 2 Diabetes: Analysis of the ROMEO Clinical Trial. Diabetes Care, 2014, 37, e192-e193.	4.3	6
100	Acta Diabetologica is 50 and well: long live Acta!. Acta Diabetologica, 2014, 51, 1-3.	1.2	6
101	Multiresolution retinal vessel tracker based on directional smoothing. , 2002, , .		5
102	Do we need research on reporting on diabetes research?. Acta Diabetologica, 2016, 53, 1-2.	1.2	5
103	Self-management education and psychological support improve self-esteem in people with type 1 diabetes. Acta Diabetologica, 2017, 54, 415-416.	1.2	5
104	Reduced Thiamine Availability and Hyperglycemia Impair Thiamine Transport in Renal Glomerular Cells through Modulation of Thiamine Transporter 2. Biomedicines, 2021, 9, 385.	1.4	5
105	Vision-related quality of life and locus of control in type 1 diabetes: a multicenter observational study. Acta Diabetologica, 2019, 56, 1209-1216.	1.2	4
106	Characterization of an Immortalized Human Microglial Cell Line as a Tool for the Study of Diabetic Retinopathy. International Journal of Molecular Sciences, 2022, 23, 5745.	1.8	4
107	Angiotensin receptor blockade not related to history of dry eye symptoms and treatment in The Diabetic Retinopathy Candesartan Trials (DIRECT). Acta Ophthalmologica, 2011, 89, e535-e536.	0.6	3
108	Effects of thiamine and fenofibrate on high glucose and hypoxia-induced damage in cell models of the inner blood-retinal barrier. Acta Diabetologica, 2020, 57, 1423-1433.	1.2	3

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109	Management of Hyperglycemia in Type 2 Diabetes: A Consensus Algorithm for the Initiation and Adjustment of Therapy: A Consensus Statement From the American Diabetes Association and the European Association for the Study of Diabetes: Response to Nathan et al Diabetes Care, 2007, 30, 193-193.	4.3	2
110	RDW-based clinical score to predict long-term survival in community-acquired pneumonia: a European derivation and validation study. Internal and Emergency Medicine, 2021, 16, 1547-1557.	1.0	2
111	Ambient intelligence for long-term diabetes care (AmILCare). Qualitative analysis of patients' expectations and attitudes toward interactive technology. Endocrine, 2021, 73, 472-475.	1.1	2
112	Time of Exposure and Type of Diabetes May Determine Treatment Outcome of Group Clinics. Annals of Internal Medicine, 2010, 153, 483.	2.0	1
113	Comment on: Beverly et al. Do Older Adults Aged 60-75 Years Benefit From Diabetes Behavioral Interventions? Diabetes Care 2013;36:1501-1506. Diabetes Care, 2013, 36, e125-e125.	4.3	1
114	Detection of perimacular red dots and blots when screening for diabetic retinopathy: Refer or not refer?. Diabetes and Vascular Disease Research, 2018, 15, 356-359.	0.9	1
115	An unusual calf lesion in an immunocompromised patient. Internal and Emergency Medicine, 2019, 14, 441-445.	1.0	1
116	A deceiving case of paraplegia. Internal and Emergency Medicine, 2020, 15, 473-478.	1.0	1
117	Intestinal Ischemic Manifestations of COVID-19. Gastroenterology, 2021, 160, 2191.	0.6	1
118	Decreasing prevalence of retinopathy in childhoodâ€onset type 1 diabetes over the last decade: A comparison of two cohorts diagnosed 10 years apart. Diabetes, Obesity and Metabolism, 2021, 23, 1950-1955.	2.2	1
119	Detection of realâ€life activities by a triâ€axial accelerometer worn at different body locations: Analysis and interpretation. Diabetic Medicine, 2021, 38, e14609.	1.2	1
120	Three and a Half Thousand Years of Diabetes Research. Frontiers in Diabetes, 2020, , 298-303.	0.4	1
121	Multidrug-Resistant Bloodstream Infections in Internal Medicine: Results from a Single-Center Study. Southern Medical Journal, 2022, 115, 333-339.	0.3	1
122	Adenosine Diphosphate Induced Platelet Shapechange in Normal and Diabetic Subjects. Clinical Science, 1979, 57, 24P-24P.	1.8	0
123	Re: Glycaemic responses to minimal amounts of sucrose and wheat starch in diabetes. Diabetes Research and Clinical Practice, 1985, 1, 299-302.	1.1	Ο
124	Fungal endophthalmitis in acute leukaemia. British Journal of Haematology, 2004, 124, 257-257.	1.2	0
125	From Bedside to Bench and Back: Open Problems in Clinical and Basic Research. Frontiers in Diabetes, 2009, , 220-227.	0.4	0
126	Structured and persistently reinforced patient education can work. BMJ, The, 2012, 345, e5100-e5100.	3.0	0

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127	Secondary Diabetes: Clinical Considerations. Frontiers in Diabetes, 2014, , 167-177.	0.4	0
128	Notice of redundant publication. Acta Diabetologica, 2014, 51, 313-313.	1.2	0
129	A severe case of epigastric pain, diarrhea and coffee ground vomitus. Internal and Emergency Medicine, 2018, 13, 1097-1101.	1.0	0
130	Issue focusing: a new topical collection on diabetic nephropathy. Acta Diabetologica, 2018, 55, 1091-1092.	1.2	0
131	Diabetes and the Eye. Endocrinology, 2018, , 1-44.	0.1	0
132	Tribute to Professor Guido Pozza, founder and first Editor-in-Chief of Acta Diabetologica. Acta Diabetologica, 2019, 56, 1-1.	1.2	0
133	Should the search for COVID-19 become part of the work-up of incidental thromboembolism? A near-missed COVID-19 diagnosis. Internal and Emergency Medicine, 2020, 15, 1587-1589.	1.0	Ο
134	A challenging case of severe ulcerated cutaneous lesion. Internal and Emergency Medicine, 2021, , 1.	1.0	0
135	Diabetes and the Eye. Endocrinology, 2018, , 231-273.	0.1	0
136	Diabetes and the Eye. Endocrinology, 2019, , 1-43.	0.1	0
137	Diabetes and the Eye. Endocrinology, 2020, , 231-273.	0.1	0