Roberto Trevisan

List of Publications by Year in descending order

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81900 69250 6,270 113 39 77 citations g-index h-index papers 116 116 116 6318 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Preventing Microalbuminuria in Type 2 Diabetes. New England Journal of Medicine, 2004, 351, 1941-1951.	27.0	952
2	Glomerular Hyperfiltration and Renal Disease Progression in Type 2 Diabetes. Diabetes Care, 2012, 35, 2061-2068.	8.6	259
3	Insulin resistance in insulin-dependent diabetic patients with microalbuminuria. Lancet, The, 1993, 342, 883-887.	13.7	236
4	Renal, metabolic and hormonal responses to ingestion of animal and vegetable proteins. Kidney International, 1990, 38, 136-144.	5.2	213
5	Clinical significance of nonalbuminuric renal impairment in type 2 diabetes. Journal of Hypertension, 2011, 29, 1802-1809.	0.5	198
6	Lipids and Renal Disease. Journal of the American Society of Nephrology: JASN, 2006, 17, S145-S147.	6.1	191
7	Differential effects of hyperinsulinemia and hyperaminoacidemia on leucine-carbon metabolism in vivo. Evidence for distinct mechanisms in regulation of net amino acid deposition Journal of Clinical Investigation, 1987, 79, 1062-1069.	8.2	182
8	Assessment of the association between glycemic variability and diabetes-related complications in type 1 and type 2 diabetes. Diabetes Research and Clinical Practice, 2014, 105, 273-284.	2.8	170
9	Insulin Resistance and Microalbuminuria. Diabetes, 2006, 55, 1456-1462.	0.6	169
10	The GFR and GFR decline cannot be accurately estimated in type 2 diabetics. Kidney International, 2013, 84, 164-173.	5.2	131
11	In Type 1 diabetic patients with good glycaemic control, blood glucose variability is lower during continuous subcutaneous insulin infusion than during multiple daily injections with insulin glargine. Diabetic Medicine, 2008, 25, 326-332.	2.3	124
12	Effect of sodium intake on blood pressure and albuminuria in Type 2 diabetic patients: the role of insulin resistance. Diabetologia, 2004, 47, 300-303.	6.3	122
13	Role of Insulin and Atrial Natriuretic Peptide in Sodium Retention in Insulin-Treated IDDM Patients During Isotonic Volume Expansion. Diabetes, 1990, 39, 289-298.	0.6	118
14	Effect of Metformin on Insulin-Stimulated Glucose Turnover and Insulin Binding to Receptors in Type II Diabetes. Diabetes Care, 1987, 10, 62-67.	8.6	113
15	Gender differences in cardiovascular disease risk factors, treatments and complications in patients with type 2 diabetes: the <scp>RIACE</scp> Italian multicentre study. Journal of Internal Medicine, 2013, 274, 176-191.	6.0	111
16	Diverging Association of Reduced Glomerular Filtration Rate and Albuminuria With Coronary and Noncoronary Events in Patients With Type 2 Diabetes. Diabetes Care, 2012, 35, 143-149.	8.6	107
17	Rate and Determinants of Association Between Advanced Retinopathy and Chronic Kidney Disease in Patients With Type 2 Diabetes. Diabetes Care, 2012, 35, 2317-2323.	8.6	106
18	Insulin-Mediated Glucose Disposal in Type I Diabetes: Evidence for Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 1983, 57, 904-910.	3.6	99

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19	Protein kinase C activity is acutely regulated by plasma glucose concentration in human monocytes in vivo. Diabetes, 1999, 48, 1316-1322.	0.6	88
20	Defective suppression by insulin of leucine-carbon appearance and oxidation in type 1, insulin-dependent diabetes mellitus. Evidence for insulin resistance involving glucose and amino acid metabolism Journal of Clinical Investigation, 1986, 77, 1797-1804.	8.2	88
21	Effects of Manidipine and Delapril in Hypertensive Patients With Type 2 Diabetes Mellitus. Hypertension, 2011, 58, 776-783.	2.7	86
22	Non-albuminuric renal impairment is a strong predictor of mortality in individuals with type 2 diabetes: the Renal Insufficiency And Cardiovascular Events (RIACE) Italian multicentre study. Diabetologia, 2018, 61, 2277-2289.	6.3	83
23	Measurable Urinary Albumin Predicts Cardiovascular Risk among Normoalbuminuric Patients with Type 2 Diabetes. Journal of the American Society of Nephrology: JASN, 2012, 23, 1717-1724.	6.1	80
24	Renal, Metabolic, and Hormonal Responses to Proteins of Different Origin in Normotensive, Nonproteinuric Type I Diabetic Patients. Diabetes Care, 1995, 18, 1233-1240.	8.6	79
25	Effect of low-dose ramipril on microalbuminuria in normotensive or mild hypertensive non-insulin-dependent diabetic patients*. American Journal of Hypertension, 1995, 8, 876-883.	2.0	75
26	Sodium-lithium countertransport and cardiorenal abnormalities in essential hypertension Hypertension, 1991, 18, 191-198.	2.7	74
27	Reproducibility of albuminuria in type 2 diabetic subjects. Findings from the Renal Insufficiency And Cardiovascular Events (RIACE) study. Nephrology Dialysis Transplantation, 2011, 26, 3950-3954.	0.7	65
28	Age, Renal Dysfunction, Cardiovascular Disease, and Antihyperglycemic Treatment in Type 2 Diabetes Mellitus: Findings from the Renal Insufficiency and Cardiovascular Events Italian Multicenter Study. Journal of the American Geriatrics Society, 2013, 61, 1253-1261.	2.6	65
29	Effects of verapamil added-on trandolapril therapy in hypertensive type 2 diabetes patients with microalbuminuria: the BENEDICT-B randomized trial. Journal of Hypertension, 2011, 29, 207-216.	0.5	62
30	Hemoglobin A1c variability as an independent correlate of cardiovascular disease in patients with type 2 diabetes: a cross-sectional analysis of the Renal Insufficiency and Cardiovascular Events (RIACE) Italian Multicenter Study. Cardiovascular Diabetology, 2013, 12, 98.	6.8	61
31	Type 2 Diabetes Mellitus Is Associated With Faster Degeneration of Bioprosthetic Valve. Circulation, 2012, 125, 604-614.	1.6	60
32	Both Continuous Subcutaneous Insulin Infusion and a Multiple Daily Insulin Injection Regimen With Glargine as Basal Insulin Are Equally Better Than Traditional Multiple Daily Insulin Injection Treatment. Diabetes Care, 2003, 26, 1321-1322.	8.6	56
33	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
34	Concomitance of Diabetic Retinopathy and Proteinuria Accelerates the Rate of Decline of Kidney Function in Type 2 Diabetic Patients. Diabetes Care, 2002, 25, 2026-2031.	8.6	52
35	Clustering of risk factors in hypertensive insulin-dependent diabetics with high sodium-lithium countertransport. Kidney International, 1992, 41, 855-861.	5.2	48
36	Haemoglobin A1c variability is a strong, independent predictor of allâ \in cause mortality in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 1885-1893.	4.4	45

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37	Intracellular pH and Na+/H+ antiport activity of cultured skin fibroblasts from diabetics. Kidney International, 1992, 42, 1184-1190.	5.2	44
38	Insulin Resistance and Proliferative Retinopathy: A Cross-Sectional, Case-Control Study in 115 Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4371-4376.	3.6	42
39	Na/H and Li/Na Exchange in Red Blood Cells of Normotensive and Hypertensive Patients With Insulin Dependent Diabetes Mellitus (IDDM). American Journal of Hypertension, 1989, 2, 174-177.	2.0	41
40	Lower fasting blood glucose, glucose variability and nocturnal hypoglycaemia with glargine vs NPH basal insulin in subjects with Type 1 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 571-579.	2.6	40
41	Insulin Resistance and the Cluster of Abnormalities Related to the Metabolic Syndrome Are Associated With Reduced Glomerular Filtration Rate in Patients With Type 2 Diabetes. Diabetes Care, 2006, 29, 432-434.	8.6	39
42	A PC-1 amino acid variant (K121Q) is associated with faster progression of renal disease in patients with type 1 diabetes and albuminuria. Diabetes, 2000, 49, 521-524.	0.6	37
43	Effect on blood pressure of combined inhibition of endothelin-converting enzyme and neutral endopeptidase with daglutril in patients with type 2 diabetes who have albuminuria: a randomised, crossover, double-blind, placebo-controlled trial. Lancet Diabetes and Endocrinology,the, 2013, 1, 19-27.	11.4	37
44	Resistant hypertension in patients with type 2 diabetes. Journal of Hypertension, 2014, 32, 2401-2410.	0.5	35
45	Defining the contribution of chronic kidney disease to all-cause mortality in patients with type 2 diabetes: the Renal Insufficiency And Cardiovascular Events (RIACE) Italian Multicenter Study. Acta Diabetologica, 2018, 55, 603-612.	2.5	33
46	Enhanced collagen synthesis in cultured skin fibroblasts from insulin-dependent diabetic patients with nephropathy Journal of the American Society of Nephrology: JASN, 1997, 8, 1133-1139.	6.1	33
47	Insulin resistance, diabetic kidney disease, and all-cause mortality in individuals with type 2 diabetes: a prospective cohort study. BMC Medicine, 2021, 19, 66.	5.5	32
48	Ketone bodies increase glomerular filtration rate in normal man and in patients with Type 1 (insulin-dependent) diabetes mellitus. Diabetologia, 1987, 30, 214-221.	6.3	31
49	Insulin-Dependent Diabetes Mellitus and Hypertension. Diabetes Care, 1991, 14, 210-219.	8.6	31
50	Poor Glucose Control in the Year Before Admission as a Powerful Predictor of Amputation in Hospitalized Patients With Diabetic Foot Ulceration. Diabetes Care, 2006, 29, 1985-1985.	8.6	31
51	Bolus calculator improves long-term metabolic control and reduces glucose variability in pump-treated patients with Type 1 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, e15-e16.	2.6	31
52	Genitourinary infections in diabetic patients in the new era of diabetes therapy with sodium-glucose cotransporter-2 inhibitors. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 963-970.	2.6	31
53	Hypertriglyceridemia Is Independently Associated with Renal, but Not Retinal Complications in Subjects with Type 2 Diabetes: A Cross-Sectional Analysis of the Renal Insufficiency And Cardiovascular Events (RIACE) Italian Multicenter Study. PLoS ONE, 2015, 10, e0125512.	2.5	30
54	Insulin-dependent diabetic sibling pairs are concordant for sodium-hydrogen antiport activity11See Editorial by Giancarlo Viberti, p. 2526 Kidney International, 1999, 55, 2383-2389.	5.2	29

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55	Impact of thePPAR-Î ³ 2Pro12Ala Polymorphism and ACE Inhibitor Therapy on New-Onset Microalbuminuria in Type 2 Diabetes: Evidence From BENEDICT. Diabetes, 2009, 58, 2920-2929.	0.6	29
56	Effects of Combined Ezetimibe and Simvastatin Therapy as Compared With Simvastatin Alone in Patients With Type 2 Diabetes. Diabetes Care, 2010, 33, 1954-1956.	8.6	29
57	Glomerular Filtration Rate is Increased in Man by the Infusion of Both <scp>d,l</scp> -3-Hydroxybutyric Acid and Sodium <scp>d,l</scp> -3-Hydroxybutyrate [*] . Journal of Clinical Endocrinology and Metabolism, 1987, 65, 331-338.	3.6	28
58	Na+/H+ antiport activity and cell growth in cultured skin fibroblasts of IDDM patients with nephropathy. Diabetes, 1992, 41, 1239-1246.	0.6	28
59	ADAMTS13 Predicts Renal and Cardiovascular Events in Type 2 Diabetic Patients and Response to Therapy. Diabetes, 2013, 62, 3599-3609.	0.6	25
60	Role of insulin and atrial natriuretic peptide in sodium retention in insulin-treated IDDM patients during isotonic volume expansion. Diabetes, 1990, 39, 289-298.	0.6	25
61	Enhanced responsiveness of blood pressure to sodium intake and to angiotensin II is associated with insulin resistance in IDDM patients with microalbuminuria. Diabetes, 1998, 47, 1347-1353.	0.6	25
62	Ketone body metabolism: A physiological and clinical overview. Diabetes/metabolism Reviews, 1989, 5, 299-319.	0.3	24
63	Renal and Metabolic Effects of Insulin Lispro in Type 2 Diabetic Subjects With Overt Nephropathy. Diabetes Care, 2003, 26, 502-509.	8.6	24
64	Distribution of cardiovascular disease and retinopathy in patients with type 2 diabetes according to different classification systems for chronic kidney disease: a cross-sectional analysis of the renal insufficiency and cardiovascular events (RIACE) Italian multicenter study. Cardiovascular Diabetology, 2014, 13, 59.	6.8	24
65	Moderate salt restriction with or without paricalcitol in type 2 diabetes and losartan-resistant macroalbuminuria (PROCEED): a randomised, double-blind, placebo-controlled, crossover trial. Lancet Diabetes and Endocrinology,the, 2018, 6, 27-40.	11.4	24
66	Cost-Effectiveness of Two Screening Programs for Microalbuminuria in Type 2 Diabetes. Diabetes Care, 2002, 25, 2103-2104.	8.6	23
67	ACE, PAI-1, decorin and Werner helicase genes are not associated with the development of renal disease in European patients with Type 1 diabetes. Diabetes/Metabolism Research and Reviews, 1999, 15, 247-253.	4.0	22
68	Glycolytic enzyme expression and pyruvate kinase activity in cultured fibroblasts from type 1 diabetic patients with and without nephropathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 627-633.	3.8	22
69	Renal hyperfiltration is independently associated with increased all-cause mortality in individuals with type 2 diabetes: a prospective cohort study. BMJ Open Diabetes Research and Care, 2020, 8, e001481.	2.8	22
70	Off-Patent Generic Medicines vs. Off-Patent Brand Medicines for Six Reference Drugs: A Retrospective Claims Data Study from Five Local Healthcare Units in the Lombardy Region of Italy. PLoS ONE, 2013, 8, e82990.	2.5	21
71	Glucose Turnover and Recycling in Diabetes Secondary to Total Pancreatectomy: Effect of Glucagon Infusion*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1023-1029.	3.6	20
72	Substrate availability other than glucose in the brain during euglycemia and insulin-induced hypoglycemia in dogs. Metabolism: Clinical and Experimental, 1990, 39, 46-50.	3.4	20

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73	Relationships among natriuresis, atrial natriuretic peptide and insulin in insulin-dependent diabetes. Kidney International, 1992, 41, 813-821.	5.2	20
74	In situ protein Kinase C activity is increased in cultured fibroblasts from Type 1 diabetic patients with nephropathy. Diabetologia, 2003, 46, 524-530.	6.3	19
75	Impact of substitution among generic drugs on persistence and adherence: A retrospective claims data study from 2 Local Healthcare Units in the Lombardy Region of Italy. Atherosclerosis Supplements, 2016, 21, 1-8.	1.2	19
76	Effect of continuous subcutaneous insulin infusion vs multiple daily insulin injection with glargine as basal insulin: an open parallel long-term study. Diabetes, Nutrition & Metabolism, 2004, 17, 84-9.	0.7	19
77	Effect of Insulin and Angiotensin II on Cell Calcium in Human Skin Fibroblasts. Hypertension, 2001, 37, 1486-1491.	2.7	18
78	Prevalence of microangiopathic complications in hyperglycemia secondary to pancreatic disease. The Journal of Diabetic Complications, 1988, 2, 50-52.	0.2	17
79	PC-1 Amino Acid Variant Q121 Is Associated With a Lower Glomerular Filtration Rate in Type 2 Diabetic Patients With Abnormal Albumin Excretion Rates. Diabetes Care, 2003, 26, 2898-2902.	8.6	17
80	The Role of Vildagliptin in the Therapy of Type 2 Diabetic Patients with Renal Dysfunction. Diabetes Therapy, 2017, 8, 1215-1226.	2.5	17
81	3-hydroxy-3-methylglutaric, adipic, and 2-oxoglutaric acids measured by HPLC in the plasma from diabetic patients. Clinical Biochemistry, 1987, 20, 275-279.	1.9	16
82	The role of PC-1 and ACE genes in diabetic nephropathy in type 1 diabetic patients: evidence for a polygenic control of kidney disease progression. Nephrology Dialysis Transplantation, 2002, 17, 1402-1407.	0.7	16
83	Association of the Q121 Variant of ENPP1 Gene With Decreased Kidney Function Among Patients With Type 2 Diabetes. American Journal of Kidney Diseases, 2009, 53, 273-280.	1.9	16
84	Effect of Trandolapril on Regression of Retinopathy in Hypertensive Patients with Type 2 Diabetes: A Prespecified Analysis of the Benedict Trial. Journal of Ophthalmology, 2010, 2010, 1-9.	1.3	16
85	Abnormal cytoskeletal protein expression in cultured skin fibroblasts from type 1 diabetes mellitus patients with nephropathy: A proteomic approach. Proteomics - Clinical Applications, 2008, 2, 492-503.	1.6	14
86	Skin fibroblasts as a tool for identifying the risk of nephropathy in the type 1 diabetic population. Diabetes/Metabolism Research and Reviews, 2012, 28, 62-70.	4.0	13
87	Continuous Subcutaneous Insulin Infusion Is Better Than Multiple Daily Insulin Injections in Reducing Glucose Variability Only in Type 1 Diabetes With Good Metabolic Control. Diabetes Care, 2010, 33, e81-e81.	8.6	11
88	Trialogue. Acta Diabetologica, 2013, 50, 465-473.	2.5	11
89	Impact of a Complement Factor H Gene Variant on Renal Dysfunction, Cardiovascular Events, and Response to ACE Inhibitor Therapy in Type 2 Diabetes. Frontiers in Genetics, 2019, 10, 681.	2.3	11
90	4Intracellular Free Calcium Abnormalities in Fibroblasts From Non–Insulin-Dependent Diabetic Patients With and Without Arterial Hypertension. Hypertension, 1997, 29, 1007-1013.	2.7	11

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91	Kidney hemodynamics after ketone body and amino acid infusion in normal and IDDM subjects. Diabetes, 1989, 38, 75-83.	0.6	10
92	Long-term kidney and systemic effects of calorie restriction in overweight or obese type 2 diabetic patients (C.Re.S.O. 2 randomized controlled trial). Diabetes Research and Clinical Practice, 2022, 185, 109804.	2.8	10
93	Age and A1C Are Important Clinical Predictors of Continuous Subcutaneous Insulin Infusion Efficacy in Type 1 Diabetic Patients. Diabetes Care, 2005, 28, 1834-1835.	8.6	9
94	Is resistant hypertension an independent predictor of all-cause mortality in individuals with type 2 diabetes? A prospective cohort study. BMC Medicine, 2019, 17, 83.	5.5	9
95	Modulatory effect of insulin on release of calcium from human fibroblasts by angiotensin II. Journal of Hypertension, 1998, 16, 487-493.	0.5	8
96	Independent correlates of urinary albumin excretion within the normoalbuminuric range in patients with type 2 diabetes: The Renal Insufficiency And Cardiovascular Events (RIACE) Italian Multicentre Study. Acta Diabetologica, 2015, 52, 971-981.	2.5	8
97	Glycaemic control and microvascular complications in a large cohort of Italian Type 1 diabetic out-patients. Diabetes, Nutrition & Metabolism, 2002, 15, 232-9.	0.7	8
98	Preventing microalbuminuria with benazepril, valsartan, and benazepril–valsartan combination therapy in diabetic patients with high-normal albuminuria: A prospective, randomized, open-label, blinded endpoint (PROBE) study. PLoS Medicine, 2021, 18, e1003691.	8.4	7
99	Metabolic control of kidney hemodynamics in normal and insulin-dependent diabetic subjects. Effects of acetoacetic, lactic, and acetic acids. Diabetes, 1987, 36, 1073-1081.	0.6	7
100	Beneficial effect of lixisenatide after 76 weeks of treatment in patients with type 2 diabetes mellitus: A metaâ€analysis from the <scp>GetGoal</scp> programme. Diabetes, Obesity and Metabolism, 2017, 19, 248-256.	4.4	6
101	Independent association of atherogenic dyslipidaemia with all ause mortality in individuals with type 2 diabetes and modifying effect of gender: a prospective cohort study. Cardiovascular Diabetology, 2021, 20, 28.	6.8	6
102	Atrial natriuretic factor in hypertensive and normotensive insulin-dependent diabetics. Journal of Hypertension, 1989, 7, S236-237.	0.5	5
103	Type I insulin-dependent diabetic patients show an impaired renal hemodynamic response to protein intake. The Journal of Diabetic Complications, 1988, 2, 27-29.	0.2	3
104	Association between On-Treatment Haemoglobin A1c and All-Cause Mortality in Individuals with Type 2 Diabetes: Importance of Personalized Goals and Type of Anti-Hyperglycaemic Treatment. Journal of Clinical Medicine, 2020, 9, 246.	2.4	2
105	Glomerular resistances predict long-term GFR decline in type 2 diabetic patients without overt nephropathy: a longitudinal subgroup analysis of the DEMAND trial. Acta Diabetologica, 2022, 59, 309-317.	2.5	2
106	Hormonal and Metabolic Profiles in Patients with alcohol-induced, mixed hypertriglyceridemia before and after abstinence from ethanol and before and after a lipid-lowering diet. Atherosclerosis, 1986, 60, 151-159.	0.8	1
107	Microalbuminuria and Insulin Resistance. , 1999, , 309-316.		1
108	Resistance to the actions of atrial natriuretic factor in insulin-dependent diabetic hypertensives and improvement with angiotensin converting enzyme inhibitor treatment. Journal of Hypertension, 1991, 9, S264.	0.5	1

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109	Sodium-Hydrogen Antiport, Cell Function and Susceptibility to Diabetic Nephropathy. , 1994, , 181-189.		1
110	Blood pressure and cholesterol levels in an Italian outpatient cohort of type 2 diabetic patients: Comparison with the general population. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, e1-e3.	2.6	0
111	Postprandial Hyperglycemia Is Associated With an Increase of Blood Pressure in Type 1 Diabetic Patients Treated With Continuous Subcutaneous Insulin Infusion. Diabetes Care, 2007, 30, e60-e60.	8.6	O
112	Sodium-Hydrogen Antiport, Cell Function and Susceptibility to Diabetic Nephropathy., 1996,, 215-222.		0
113	Sodium-Hydrogen Antiport, Cell Function and Susceptibility to Diabetic Nephropathy. , 1998, , 249-256.		0