

Simona Frontoni

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

6,078
citations

125106

35
h-index

81351

76
g-index

102
all docs

102
docs citations

102
times ranked

7686
citing authors

#	ARTICLE	IF	CITATIONS
1	MG53 marks poor beta cell performance and predicts onset of type 2 diabetes in subjects with different degrees of glucose tolerance.. <i>Diabetes and Metabolism</i> , 2022, 48, 101292.	1.4	4
2	The role of dietitian in the multidisciplinary treatment of PCOS. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, , .	1.1	1
3	A Novel Algorithm for the Evaluation of Corneal Nerve Beadings by in vivo Confocal Microscopy in Patients With Type 1 Diabetes Mellitus. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	1
4	Metformin Benefits: Another Example for Alternative Energy Substrate Mechanism?. <i>Diabetes Care</i> , 2021, 44, 647-654.	4.3	31
5	Autonomic Nervous System in Obesity and Insulin-Resistanceâ€”The Complex Interplay between Leptin and Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5187.	1.8	36
6	Outer retina dysfunction and choriocapillaris impairment in type 1 diabetes. <i>Scientific Reports</i> , 2021, 11, 15183.	1.6	10
7	Neuropathic damage in the diabetic eye: clinical implications. <i>Current Opinion in Pharmacology</i> , 2020, 55, 1-7.	1.7	3
8	Microvascular impairment as a biomarker of diabetic retinopathy progression in the long-term follow up in type 1 diabetes. <i>Scientific Reports</i> , 2020, 10, 18266.	1.6	12
9	Glycemic Status Assessment by the Latest Glucose Monitoring Technologies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8243.	1.8	8
10	Diabetes vulnerability in Rome. <i>European Journal of Public Health</i> , 2020, 30, .	0.1	0
11	Urban diabetes in the metropolitan area of Rome: development of the action plan. <i>European Journal of Public Health</i> , 2020, 30, .	0.1	0
12	Early Alterations of Corneal Subbasal Plexus in Uncomplicated Type 1 Diabetes Patients. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-8.	0.6	8
13	Activation of retinal MÃ¼ller cells in response to glucose variability. <i>Endocrine</i> , 2019, 65, 542-549.	1.1	34
14	Flavonoids and Insulin-Resistance: From Molecular Evidences to Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2061.	1.8	49
15	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
16	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
17	Effect of the GSTM1 gene deletion on glycemic variability, sympatho-vagal balance and arterial stiffness in patients with metabolic syndrome, but without diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 138, 158-168.	1.1	3
18	Metabolic control and complications in Italian people with diabetes treated with continuous subcutaneous insulin infusion. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 335-342.	1.1	8

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19	Long-Term Effectiveness of Liraglutide for Treatment of Type 2 Diabetes in a Real-Life Setting: A 24-Month, Multicenter, Non-interventional, Retrospective Study. <i>Advances in Therapy</i> , 2018, 35, 243-253.	1.3	19
20	Predictors of treatment response to liraglutide in type 2 diabetes in a real-world setting. <i>Acta Diabetologica</i> , 2018, 55, 557-568.	1.2	19
21	Deep capillary plexus impairment in patients with type 1 diabetes mellitus with no signs of diabetic retinopathy revealed using optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2018, 96, e264-e265.	0.6	52
22	Association between Early Neuroretinal Dysfunction and Peripheral Motor Unit Loss in Patients with Type 1 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-9.	1.0	11
23	Early and localized retinal dysfunction in patients with type 1 diabetes mellitus studied by multifocal electroretinogram. <i>Acta Diabetologica</i> , 2018, 55, 1191-1200.	1.2	15
24	Cardiovascular Autonomic Neuropathy and Glucose Variability in Patients With Type 1 Diabetes: Is There an Association?. <i>Frontiers in Endocrinology</i> , 2018, 9, 174.	1.5	21
25	Impact of Drugs on Diabetes Risk and Glycemic Control. <i>Endocrinology</i> , 2018, , 541-573.	0.1	1
26	Urban diabetes: the case of the metropolitan area of Rome. <i>European Journal of Public Health</i> , 2018, 28, .	0.1	1
27	Early microvascular retinal changes in optical coherence tomography angiography in patients with type 1 diabetes mellitus. <i>Acta Ophthalmologica</i> , 2017, 95, e751-e755.	0.6	142
28	Retinal neurodegeneration in patients with type 1 diabetes mellitus: the role of glycemic variability. <i>Acta Diabetologica</i> , 2017, 54, 489-497.	1.2	71
29	Single Retinal Layer Evaluation in Patients with Type 1 Diabetes with No or Early Signs of Diabetic Retinopathy: The First Hint of Neurovascular Crosstalk Damage between Neurons and Capillaries?. <i>Ophthalmologica</i> , 2017, 237, 223-231.	1.0	37
30	Position Statement on the management of continuous subcutaneous insulin infusion (CSII): The Italian Lazio experience. <i>Journal of Diabetes</i> , 2016, 8, 41-44.	0.8	2
31	The social burden of hypoglycemia in the elderly. <i>Acta Diabetologica</i> , 2015, 52, 677-685.	1.2	40
32	Acute Hyperglycemia Reduces Cerebrovascular Reactivity: The Role of Glycemic Variability. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2854-2860.	1.8	18
33	The ideal blood pressure target to prevent cardiovascular disease in type 2 diabetes: A neutral viewpoint. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 577-584.	1.1	4
34	Insulin sensitivity, and β -cell function in relation to hemoglobin A1C. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 27-33.	1.1	8
35	Differences in insulin clearance between metabolically healthy and unhealthy obese subjects. <i>Acta Diabetologica</i> , 2014, 51, 257-261.	1.2	45
36	Acute caloric restriction improves glomerular filtration rate in patients with morbid obesity and type 2 diabetes. <i>Diabetes and Metabolism</i> , 2014, 40, 158-160.	1.4	17

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37	Preliminary evidence that obese patients with obstructive sleep apnea/hypopnea syndrome are refractory to the acute beneficial metabolic effects of a very low calorie diet. <i>Acta Diabetologica</i> , 2013, 50, 639-643.	1.2	4
38	Glucose variability: An emerging target for the treatment of diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2013, 102, 86-95.	1.1	135
39	Insulin clearance is associated with carotid artery intima-media thickness. <i>Atherosclerosis</i> , 2013, 229, 453-458.	0.4	7
40	Elevated 1-Hour Postload Plasma Glucose Levels Identify Subjects With Normal Glucose Tolerance but Impaired β -Cell Function, Insulin Resistance, and Worse Cardiovascular Risk Profile: The GENFIEV Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2100-2105.	1.8	92
41	Comment on: Straznicki et al. Neuroadrenergic Dysfunction Along the Diabetes Continuum: A Comparative Study in Obese Metabolic Syndrome Subjects. <i>Diabetes</i> 2012;61:2506-2516. <i>Diabetes</i> , 2013, 62, e1-e1.	0.3	3
42	Decreased Insulin Clearance in Individuals with Elevated 1-h Post-Load Plasma Glucose Levels. <i>PLoS ONE</i> , 2013, 8, e77440.	1.1	23
43	Cerebral Hemodynamics and Systemic Endothelial Function Are Already Impaired in Well-Controlled Type 2 Diabetic Patients, with Short-Term Disease. <i>PLoS ONE</i> , 2013, 8, e83287.	1.1	11
44	Rapid and easy assessment of insulin resistance contributes to early detection of polycystic ovary syndrome. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 527-30.	1.8	4
45	Comment on: Kromhout et al. n-3 Fatty Acids, Ventricular Arrhythmia-Related Events, and Fatal Myocardial Infarction in Postmyocardial Infarction Patients With Diabetes. <i>Diabetes Care</i> 2011;34:2515-2520. <i>Diabetes Care</i> , 2012, 35, e45-e45.	4.3	0
46	Comment on: Inzucchi et al. Management of Hyperglycemia in Type 2 Diabetes: A Patient-Centered Approach. Position Statement of the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> 2012;35:1364-1379. <i>Diabetes Care</i> , 2012, 35, e71-e71.	4.3	8
47	The Need for Identifying Standardized Indices for Measuring Glucose Variability. <i>Journal of Diabetes Science and Technology</i> , 2012, 6, 218-219.	1.3	3
48	Bariatric Surgery or Medical Therapy for Obesity. <i>New England Journal of Medicine</i> , 2012, 367, 473-476.	13.9	0
49	Very-low-calorie diet: a quick therapeutic tool to improve β cell function in morbidly obese patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 609-613.	2.2	93
50	Insulin Sensitivity, β -Cell Function, and Incretin Effect in Individuals With Elevated 1-Hour Postload Plasma Glucose Levels. <i>Diabetes Care</i> , 2012, 35, 868-872.	4.3	72
51	Evaluation of Guidelines on Diabetes Medication. <i>Annals of Internal Medicine</i> , 2012, 156, 752.	2.0	1
52	Impact of glycemic variability on cardiovascular outcomes beyond glycated hemoglobin. Evidence and clinical perspectives. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 691-696.	1.1	35
53	Pathogenetic Mechanisms and Cardiovascular Risk. <i>Diabetes Care</i> , 2012, 35, 2607-2612.	4.3	36
54	Metabolic syndrome in subjects at high risk for type 2 diabetes: The genetic, physiopathology and evolution of type 2 diabetes (GENFIEV) study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 699-705.	1.1	16

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73	Early Autonomic Dysfunction in Glucose-Tolerant but Insulin-Resistant Offspring of Type 2 Diabetic Patients. <i>Hypertension</i> , 2003, 41, 1223-1227.	1.3	45
74	A Common Polymorphism in the Promoter of UCP2 Contributes to the Variation in Insulin Secretion in Glucose-Tolerant Subjects. <i>Diabetes</i> , 2003, 52, 1280-1283.	0.3	125
75	The Arg972Variant in Insulin Receptor Substrate-1 Is Associated with an Atherogenic Profile in Offspring of Type 2 Diabetic Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3368-3371.	1.8	48
76	Polymorphisms of the Insulin Receptor Substrate-2 in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 317-322.	1.8	30
77	Hyperinsulinaemia in offspring of Type 2 diabetic patients: impaired response of carbohydrate metabolism, but preserved cardiovascular response. <i>Diabetic Medicine</i> , 2000, 17, 606-611.	1.2	8
78	Effects of ??-adrenergic blockade on insulin-mediated glucose disposal in hypertensive and normotensive rats. <i>Journal of Hypertension</i> , 1996, 14, 1087-1092.	0.3	1
79	Effects of Insulin on Cholesterol Synthesis in Type II Diabetes Patients. <i>Diabetes Care</i> , 1995, 18, 1362-1369.	4.3	42
80	Glycogen synthase activity in two rat models of hypertension. <i>American Journal of Hypertension</i> , 1995, 8, 949-953.	1.0	5
81	The Effects of Insulin on Plasma Mevalonate Concentrations in Man. <i>Annals of Nutrition and Metabolism</i> , 1994, 38, 257-262.	1.0	5
82	Relationship Between Autonomic Neuropathy, 24-h Blood Pressure Profile, and Nephropathy in Normotensive IDDM Patients. <i>Diabetes Care</i> , 1994, 17, 578-584.	4.3	148
83	Multiple metabolic effects of CGRP in conscious rats: role of glycogen synthase and phosphorylase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1993, 264, E1-E10.	1.8	21
84	Increased Left Ventricular Mass in Normotensive Diabetic Patients With Autonomic Neuropathy. <i>American Journal of Hypertension</i> , 1993, 6, 97-102.	1.0	57
85	Increased insulin sensitivity in the high sodium one-kidney, one figure-8 hypertensive rat. <i>Hypertension</i> , 1992, 20, 192-198.	1.3	10
86	In vivo insulin action in genetic models of hypertension. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1992, 262, E191-E196.	1.8	15
87	Regression of microalbuminuria in type II diabetic, hypertensive patients after long-term indapamide treatment. <i>American Heart Journal</i> , 1991, 122, 1232-1238.	1.2	27
88	Metabolic Effects of IGF-I in Diabetic Rats. <i>Diabetes</i> , 1991, 40, 444-448.	0.3	59
89	In Vivo Insulin Resistance Induced by Amylin Primarily Through Inhibition of Insulin-Stimulated Glycogen Synthesis in Skeletal Muscle. <i>Diabetes</i> , 1991, 40, 568-573.	0.3	125
90	Metabolic effects of IGF-I in diabetic rats. <i>Diabetes</i> , 1991, 40, 444-448.	0.3	10

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91	In vivo insulin resistance induced by amylin primarily through inhibition of insulin-stimulated glycogen synthesis in skeletal muscle. <i>Diabetes</i> , 1991, 40, 568-573.	0.3	47
92	Anionic versus Cationic Immunoglobulin Clearance in Normal Subjects: A Novel Approach to the Evaluation of Charge Permselectivity. <i>Nephron</i> , 1990, 55, 400-407.	0.9	11
93	Efficacy of antihypertensive treatment with indapamide in patients with noninsulin-dependent diabetes and persistent microalbuminuria. <i>American Journal of Cardiology</i> , 1990, 65, H46-H50.	0.7	19
94	Time- and dose-dependence off inhibition off thromboxane biosynthesis by the selective thromboxane-synthase inhibitor FCE 22178 in diabetic patients. <i>European Journal of Pharmacology</i> , 1990, 183, 2079.	1.7	1
95	New Parameters to Monitor the Progression of Diabetic Nephropathy. <i>American Journal of Kidney Diseases</i> , 1989, 13, 45-48.	2.1	20
96	Intravenous dexamethasone and subsequent ACTH test in comparison with dexamethasone oral test in the diagnosis of Cushing's syndrome: A report of 20 cases. <i>Journal of Endocrinological Investigation</i> , 1989, 12, 163-170.	1.8	4
97	Urinary IgG4: an additional parameter in characterizing patients with incipient diabetic nephropathy. <i>Diabetes Research</i> , 1989, 10, 153-7.	0.1	5
98	The selective elimination of anionic immunoglobulins as a parameter of kidney damage in diabetes and diabetic pregnancy. <i>The Journal of Diabetic Complications</i> , 1988, 2, 2-4.	0.2	4
99	The evaluation of tactile dysfunction in the hand in type 1 diabetes: a novel method based on haptics. <i>Acta Diabetologica</i> , 0, , .	1.2	2