

Brunella Capaldo

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

4,897
citations

87843

38
h-index

98753

67
g-index

113
all docs

113
docs citations

113
times ranked

5742
citing authors

#	ARTICLE	IF	CITATIONS
1	A Preliminary Study of Growth Hormone in the Treatment of Dilated Cardiomyopathy. <i>New England Journal of Medicine</i> , 1996, 334, 809-814.	13.9	484
2	Insulin Resistance, Hyperinsulinemia, and Blood Pressure. <i>Hypertension</i> , 1997, 30, 1144-1149.	1.3	246
3	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. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 887-897.	5.5	231
4	Bariatric surgery and long-term nutritional issues. <i>World Journal of Diabetes</i> , 2017, 8, 464.	1.3	221
5	Abnormal sympathetic overactivity evoked by insulin in the skeletal muscle of patients with essential hypertension.. <i>Journal of Clinical Investigation</i> , 1992, 90, 24-29.	3.9	217
6	A high-monounsaturated-fat/low-carbohydrate diet improves peripheral insulin sensitivity in non-insulin-dependent diabetic patients. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 1373-1378.	1.5	201
7	Vascular Effects of Improving Metabolic Control With Metformin or Rosiglitazone in Type 2 Diabetes. <i>Diabetes Care</i> , 2004, 27, 1349-1357.	4.3	170
8	Increased Arterial Intima-Media Thickness in Childhood-Onset Growth Hormone Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 1378-1381.	1.8	127
9	Early detection of diabetic cardiomyopathy: usefulness of tissue Doppler imaging. <i>Diabetic Medicine</i> , 2005, 22, 1720-1725.	1.2	112
10	Usefulness of the High Triglyceride-to-HDL Cholesterol Ratio to Identify Cardiometabolic Risk Factors and Preclinical Signs of Organ Damage in Outpatient Children. <i>Diabetes Care</i> , 2012, 35, 158-162.	4.3	110
11	Diastolic Dysfunction in Patients with Non-insulin-dependent Diabetes Mellitus of Short Duration. <i>Diabetic Medicine</i> , 1996, 13, 321-324.	1.2	102
12	A controlled study on the effects of n \hat{a} 3 fatty acids on lipid and glucose metabolism in non-insulin-dependent diabetic patients. <i>Atherosclerosis</i> , 1991, 87, 65-73.	0.4	97
13	Blood Glucose Control During Lockdown for COVID-19: CGM Metrics in Italian Adults With Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, e88-e89.	4.3	96
14	Skeletal muscle is a primary site of insulin resistance in essential hypertension. <i>Metabolism: Clinical and Experimental</i> , 1991, 40, 1320-1322.	1.5	79
15	Splanchnic and leg substrate exchange after ingestion of a natural mixed meal in humans. <i>Diabetes</i> , 1999, 48, 958-966.	0.3	78
16	Abnormal Vascular Reactivity in Growth Hormone Deficiency. <i>Circulation</i> , 2001, 103, 520-524.	1.6	73
17	Acute noradrenergic activation induces insulin resistance in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1994, 266, E242-E247.	1.8	71
18	A crossover comparison of continuous subcutaneous insulin infusion (CSII) against multiple insulin injections in insulin-dependent diabetic subjects: improved control with CSII. <i>Diabetes Care</i> , 1982, 5, 466-471.	4.3	69

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19	Carnitine improves peripheral glucose disposal in non-insulin-dependent diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 1991, 14, 191-195.	1.1	68
20	Hyperinsulinemia and insulin resistance are independently associated with plasma lipids, uric acid and blood pressure in non-diabetic subjects. <i>The GISIR database. Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 624-631.	1.1	67
21	Effects of bariatric surgery on markers of subclinical atherosclerosis and endothelial function: a meta-analysis of literature studies. <i>International Journal of Obesity</i> , 2016, 40, 395-402.	1.6	66
22	Determinants of Reduction of Coronary Flow Reserve in Patients With Type 2 Diabetes Mellitus or Arterial Hypertension Without Angiographically Determined Epicardial Coronary Stenosis. <i>American Journal of Hypertension</i> , 2007, 20, 1283-1290.	1.0	62
23	Comparative Effects of Roux-en-Y Gastric Bypass and Sleeve Gastrectomy on Glucose Homeostasis and Incretin Hormones in Obese Type 2 Diabetic Patients: A One-Year Prospective Study. <i>Hormone and Metabolic Research</i> , 2016, 48, 312-317.	0.7	60
24	NIDDM Associated With Mutation in Tyrosine Kinase Domain of Insulin Receptor Gene. <i>Diabetes</i> , 1992, 41, 521-526.	0.3	58
25	Prevalence of elevated liver enzymes in Type 2 diabetes mellitus and its association with the metabolic syndrome. <i>Journal of Endocrinological Investigation</i> , 2008, 31, 146-152.	1.8	55
26	Association of elevated serum alanine aminotransferase with metabolic factors in obese children: sex-related analysis. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 368-372.	1.5	53
27	Functional foods in the management of obesity and type 2 diabetes. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005, 8, 630-635.	1.3	52
28	Direct evidence for a stimulatory effect of hyperglycemia per se on peripheral glucose disposal in type II diabetes.. <i>Journal of Clinical Investigation</i> , 1986, 77, 1285-1290.	3.9	52
29	Effects of meals with different glycaemic index on postprandial blood glucose response in patients with Type 1 diabetes treated with continuous subcutaneous insulin infusion. <i>Diabetic Medicine</i> , 2011, 28, 227-229.	1.2	48
30	Impaired Inotropic Response in Type 2 Diabetes Mellitus: A Strain Rate Imaging Study. <i>American Journal of Hypertension</i> , 2007, 20, 548-555.	1.0	47
31	Upper airway obstructive disease in mucopolysaccharidoses: Polysomnography, computed tomography and nasal endoscopy findings. <i>Journal of Inherited Metabolic Disease</i> , 2007, 30, 743-749.	1.7	47
32	Laparoscopic Reinforced Sleeve Gastrectomy: Early Results and Complications. <i>Obesity Surgery</i> , 2011, 21, 783-793.	1.1	46
33	A Comparative Study of the Activity of Biosynthetic Human Insulin and Pork Insulin Using the Glucose Clamp Technique in Normal Subjects. <i>Diabetes Care</i> , 1981, 4, 163-167.	4.3	44
34	Uncomplicated type 1 diabetes and preclinical left ventricular myocardial dysfunction: Insights from echocardiography and exercise cardiac performance evaluation. <i>Diabetes Research and Clinical Practice</i> , 2008, 79, 262-268.	1.1	43
35	Five-year results of laparoscopic sleeve gastrectomy: effects on gastroesophageal reflux disease symptoms and co-morbidities. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 960-968.	1.0	43
36	Grape pomace polyphenols improve insulin response to a standard meal in healthy individuals: A pilot study. <i>Clinical Nutrition</i> , 2019, 38, 2727-2734.	2.3	43

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37	Effects of bezafibrate on insulin secretion and peripheral insulin sensitivity in hyperlipidemic patients with and without diabetes. <i>Atherosclerosis</i> , 1989, 75, 175-181.	0.4	42
38	Clinical Efficacy of Laparoscopic Sleeve Gastrectomy vs Laparoscopic Gastric Bypass in Obese Type 2 Diabetic Patients: a Retrospective Comparison. <i>Obesity Surgery</i> , 2012, 22, 1535-1539.	1.1	42
39	Increased insulin-stimulated glucose uptake by exercised human muscles one day after prolonged physical exercise. <i>European Journal of Clinical Investigation</i> , 1991, 21, 6-12.	1.7	39
40	Blood-Brain Barrier Transport and Brain Metabolism of Glucose during Acute Hyperglycemia in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1986-1990.	1.8	38
41	Controlled study of the effect of angiotensin converting enzyme inhibition versus calcium-entry blockade on insulin sensitivity in overweight hypertensive patients. <i>Journal of Hypertension</i> , 1999, 17, 439-445.	0.3	35
42	Epinephrine directly antagonizes insulin-mediated activation of glucose uptake and inhibition of free fatty acid release in forearm tissues. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 1146-1149.	1.5	33
43	Lipoprotein Composition in Individuals with Impaired Glucose Tolerance. <i>Diabetes Care</i> , 1983, 6, 575-578.	4.3	30
44	Cardiovascular Characteristics in Subjects With Increasing Levels of Abnormal Glucose Regulation. <i>Diabetes Care</i> , 2013, 36, 992-997.	4.3	30
45	Early Improvement of Postprandial Lipemia After Bariatric Surgery in Obese Type 2 Diabetic Patients. <i>Obesity Surgery</i> , 2014, 24, 765-770.	1.1	30
46	Polymorphism at the 5' end flanking region of the insulin gene is associated with reduced insulin secretion in healthy individuals. <i>European Journal of Clinical Investigation</i> , 1988, 18, 582-586.	1.7	29
47	Long-term follow-up of patients with phenylketonuria treated with tetrahydrobiopterin: a seven years experience. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 14.	1.2	29
48	Effects of Sleeve Gastrectomy and Gastric Bypass on Postprandial Lipid Profile in Obese Type 2 Diabetic Patients: a 2-Year Follow-up. <i>Obesity Surgery</i> , 2016, 26, 1247-1253.	1.1	29
49	Quantitation of Forearm Glucose and Free Fatty Acid (FFA) Disposal in Normal Subjects and Type II Diabetic Patients: Evidence Against an Essential Role for FFA in the Pathogenesis of Insulin Resistance*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 893-898.	1.8	28
50	Transport of D-Glucose and 2-Fluorodeoxyglucose across the Blood-Brain Barrier in Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 659-666.	2.4	28
51	Sympathetic deactivation by growth hormone treatment in patients with dilated cardiomyopathy. <i>European Heart Journal</i> , 1998, 19, 623-627.	1.0	27
52	In Skeletal Muscle, Glucose Storage and Oxidation Are Differentially Impaired by the IR1152 Mutant Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 7290-7297.	1.6	25
53	Central adiposity and left ventricular mass in obese children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 613-617.	1.1	25
54	Glomerular filtration rate and cardiometabolic risk in an outpatient pediatric population with high prevalence of obesity. <i>Obesity</i> , 2014, 22, 585-589.	1.5	25

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55	Diabetes remission after bariatric surgery is characterized by high glycemic variability and high oxidative stress. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 949-955.	1.1	25
56	Acute Ischemic Stroke in a Young Woman with the Thiamine-Responsive Megaloblastic Anemia Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 947-949.	1.8	24
57	Continuous glucose monitoring in subjects undergoing bariatric surgery: Diurnal and nocturnal glycemic patterns. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1954-1960.	1.1	24
58	Fasting Plasma Glucose and Clustering of Cardiometabolic Risk Factors in Normoglycemic Outpatient Children and Adolescents. <i>Diabetes Care</i> , 2011, 34, 1412-1414.	4.3	22
59	Impaired subcutaneous absorption of insulin in 'brittle' diabetics. <i>European Journal of Endocrinology</i> , 1982, 101, 414-420.	1.9	21
60	Glucose and Gluconeogenic Substrate Exchange by the Forearm Skeletal Muscle in Hyperglycemic and Insulin-Treated Type II Diabetic Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 71, 1220-1223.	1.8	21
61	Cardiometabolic risk in overweight subjects with or without relative fat-free mass deficiency: The Strong Heart Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 271-276.	1.1	21
62	Left Ventricular Chamber and Myocardial Systolic Function Reserve in Patients with Type 1 Diabetes Mellitus: Insight from Traditional and Doppler Tissue Imaging Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 848-856.	1.2	20
63	Cardiometabolic Phenotype in Children with Obesity. <i>Journal of Pediatrics</i> , 2014, 165, 1184-1189.	0.9	20
64	Impact of Grape Products on Lipid Profile: A Meta-Analysis of Randomized Controlled Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 313.	1.0	20
65	Preclinical manifestations of organ damage associated with the metabolic syndrome and its factors in outpatient children. <i>Atherosclerosis</i> , 2010, 213, 611-615.	0.4	19
66	Clinical efficacy of bariatric surgery versus liraglutide in patients with type 2 diabetes and severe obesity: a 12-month retrospective evaluation. <i>Acta Diabetologica</i> , 2015, 52, 331-336.	1.2	19
67	Prehypertension in Outpatient Obese Children. <i>American Journal of Hypertension</i> , 2009, 22, 1309-1313.	1.0	18
68	Impact of Sleeve Gastrectomy on Weight Loss, Glucose Homeostasis, and Comorbidities in Severely Obese Type 2 Diabetic Subjects. <i>Journal of Obesity</i> , 2011, 2011, 1-4.	1.1	16
69	Evaluation of cardiovascular risk in adults with type 1 diabetes: poor concordance between the 2019 ESC risk classification and 10-year cardiovascular risk prediction according to the Steno Type 1 Risk Engine. <i>Cardiovascular Diabetology</i> , 2020, 19, 166.	2.7	16
70	Rate of post-bariatric hypoglycemia using continuous glucose monitoring: A meta-analysis of literature studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 32-39.	1.1	16
71	Impact of impaired fasting glucose and other metabolic factors on cognitive function in elderly people. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, 203-208.	1.1	15
72	Muscle Sympathetic Nerve Activity in Patients with Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3203-3207.	1.8	14

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73	Postprandial Glucose Control in Type 1 Diabetes: Importance of the Gastric Emptying Rate. <i>Nutrients</i> , 2019, 11, 1559.	1.7	14
74	Implementation of Low Glycemic Index Diet Together with Cornstarch in Post-Gastric Bypass Hypoglycemia: Two Case Reports. <i>Nutrients</i> , 2018, 10, 670.	1.7	13
75	NIDDM associated with mutation in tyrosine kinase domain of insulin receptor gene. <i>Diabetes</i> , 1992, 41, 521-526.	0.3	13
76	Forearm muscle insulin resistance during hypoglycemia: role of adrenergic mechanisms and hypoglycemia per se. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1995, 268, E248-E254.	1.8	12
77	Impact of known and unknown diabetes on in-hospital mortality from ischemic stroke. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2003, 13, 148-153.	1.1	12
78	Myasthenia gravis in a patient affected by glycogen storage disease type Ib: A further manifestation of an increased risk for autoimmune disorders?. <i>Journal of Inherited Metabolic Disease</i> , 2008, 31, 227-231.	1.7	12
79	The IR1152 mutant insulin receptor selectively impairs insulin action in skeletal muscle but not in liver.. <i>Diabetes</i> , 2000, 49, 1194-1202.	0.3	11
80	Acute Hyperglycemia Does Not Affect the Reactivity of Coronary Microcirculation in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 3871-3876.	1.8	11
81	Effect of nicardipine on insulin secretion, glucose and lipid metabolism in hypertensive, non-insulin dependent diabetics. <i>European Journal of Clinical Pharmacology</i> , 1989, 36, 1-4.	0.8	10
82	Prevalence of the metabolic syndrome using ATP-derived definitions and its relation to insulin-resistance in a cohort of Italian outpatient children. <i>Journal of Endocrinological Investigation</i> , 2010, 33, 806-809.	1.8	10
83	Intensive dietary intervention promoting the Mediterranean diet in people with high cardiometabolic risk: a non-randomized study. <i>Acta Diabetologica</i> , 2018, 55, 219-226.	1.2	10
84	Dual mechanism of insulin action on human skeletal muscle: identification of an indirect component not mediated by FFA. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1991, 260, E389-E394.	1.8	9
85	Glycemic control and microvascular complications in adults with type 1 diabetes and long-lasting treated celiac disease: A case-control study. <i>Diabetes Research and Clinical Practice</i> , 2018, 143, 282-287.	1.1	9
86	Plasma lipoproteins and lipoprotein lipase in young diabetics with and without ketonuria. <i>Journal of Endocrinological Investigation</i> , 1985, 8, 433-436.	1.8	8
87	Role of the Entero-Insular Axis in the Pathogenesis of Idiopathic Reactive Hypoglycemia: A Pilot Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4441-4446.	1.8	8
88	Successful Pregnancy in a Young Woman with Multiple Acyl-CoA Dehydrogenase Deficiency. <i>JIMD Reports</i> , 2017, 39, 1-6.	0.7	7
89	Uncooked cornstarch for the prevention of hypoglycemic events. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3250-3263.	5.4	7
90	Role of the Splanchnic Tissues in the Pathogenesis of Altered Carbohydrate Metabolism in Patients with Chronic Renal Failure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 127-133.	1.8	6

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91	Relationship between insulin response to intravenous glucose and plasma lipoproteins in healthy men. <i>Artery</i> , 1985, 13, 108-26.	1.6	6
92	Dietary fat differentially modulate the mRNA expression levels of oxidative mitochondrial genes in skeletal muscle of healthy subjects. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 198-204.	1.1	5
93	Gastric Emptying Impacts the Timing of Meal Glucose Peak in Subjects With Uncomplicated Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2269-2276.	1.8	5
94	Role of insulin and free fatty acid (FFA) availability on regional FFA kinetics in the human forearm. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 879-882.	1.8	5
95	Correspondence Between the International Diabetes Federation Criteria for Metabolic Syndrome and Insulin Resistance in a Cohort of Italian Nondiabetic Caucasians: The GISIR database. <i>Diabetes Care</i> , 2007, 30, e33-e33.	4.3	4
96	Adrenergic system and carbohydrate metabolism. Effects of beta-receptor blockade on insulin secretion and peripheral insulin sensitivity in normoglycaemic patients. <i>European Journal of Clinical Pharmacology</i> , 1987, 33, 273-277.	0.8	3
97	A 19 year follow-up of a woman with lipoprotein lipase deficiency treated with biliopancreatic diversion. <i>Clinical Case Reports (discontinued)</i> , 2015, 3, 1030-1033.	0.2	3
98	Characterization of gut microbiota in patients with metabolic syndrome candidates for bariatric/metabolic surgery: Preliminary findings of a multi-center prospective study. <i>Diabetes Research and Clinical Practice</i> , 2021, 180, 109079.	1.1	3
99	Diastolic Dysfunction in Patients with Non-insulin-dependent Diabetes Mellitus of Short Duration. <i>Diabetic Medicine</i> , 1996, 13, 321-324.	1.2	3
100	Management of type 2 diabetic patients attending diabetic outpatient clinics compared with those cared for by the general practitioners: an experience of integrated diabetes management. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2009, 45, 162-7.	0.2	3
101	Clinical insights into management options for recurrent type 2 diabetes and cardiovascular risk after metabolic-bariatric surgery. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 1335-1342.	1.1	3
102	Post-Bariatric Hypoglycemia Is Associated with Endothelial Dysfunction and Increased Oxidative Stress. <i>Biomedicines</i> , 2022, 10, 916.	1.4	3
103	Role of insulin and free fatty acid (FFA) availability on regional FFA kinetics in the human forearm.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 879-882.	1.8	2
104	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1261-1268.	0.4	2
105	Indirect pathway of liver glycogen synthesis in humans is predominant and independent of beta-adrenergic mechanisms. <i>Clinical Physiology</i> , 1992, 12, 641-652.	0.7	1
106	Insulin regulation of muscle glucose metabolism: Role of pre-receptorial mechanisms. <i>Diabetes/metabolism Reviews</i> , 1995, 11, 365-382.	0.4	1
107	Glucose Intolerance and Plasma Lipids. <i>Diabetes Care</i> , 1986, 9, 212-212.	4.3	0
108	Coronary vasoreactivity is not altered in young people with type 1 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 748-753.	1.1	0

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109	Expression of Concern. The IR ¹¹⁵² Mutant Insulin Receptor Selectively Impairs Insulin Action in Skeletal Muscle but Not in Liver. <i>Diabetes</i> 2000;49:1194-1202. DOI: 10.2337/diabetes.49.7.1194. PMID: 10909978. <i>Diabetes</i> , 2018, 67, 345.1-345.	0.3	0
110	Soluble CD8 antigen, stimulated C-peptide and islet cell antibodies are predictors of insulin requirement in newly diagnosed patients with unclassifiable diabetes. <i>Acta Diabetologica</i> , 1996, 33, 220-224.	1.2	0