

Celestino Sardu

List of Publications by Citations

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97
papers

2,999
citations

32
h-index

51
g-index

117
ext. papers

4,161
ext. citations

5.8
avg. IF

5.67
L-index

#	Paper	IF	Citations
97	Hypertension, Thrombosis, Kidney Failure, and Diabetes: Is COVID-19 an Endothelial Disease? A Comprehensive Evaluation of Clinical and Basic Evidence. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	285
96	Outcomes in Patients With Hyperglycemia Affected by COVID-19: Can We Do More on Glycemic Control?. <i>Diabetes Care</i> , 2020 , 43, 1408-1415	14.6	225
95	Sirtuin 6 expression and inflammatory activity in diabetic atherosclerotic plaques: effects of incretin treatment. <i>Diabetes</i> , 2015 , 64, 1395-406	0.9	125
94	Calcium release channel RyR2 regulates insulin release and glucose homeostasis. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1968-78	15.9	120
93	Circulating microRNA changes in heart failure patients treated with cardiac resynchronization therapy: responders vs. non-responders. <i>European Journal of Heart Failure</i> , 2013 , 15, 1277-88	12.3	117
92	Brief episodes of silent atrial fibrillation predict clinical vascular brain disease in type 2 diabetic patients. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 525-30	15.1	71
91	Negative impact of hyperglycaemia on tocilizumab therapy in Covid-19 patients. <i>Diabetes and Metabolism</i> , 2020 , 46, 403-405	5.4	70
90	Effects of Metformin Therapy on Coronary Endothelial Dysfunction in Patients With Prediabetes With Stable Angina and Nonobstructive Coronary Artery Stenosis: The CODYCE Multicenter Prospective Study. <i>Diabetes Care</i> , 2019 , 42, 1946-1955	14.6	67
89	Effects of incretin treatment on cardiovascular outcomes in diabetic STEMI-patients with culprit obstructive and multivessel non obstructive-coronary-stenosis. <i>Diabetology and Metabolic Syndrome</i> , 2018 , 10, 1	5.6	66
88	Adiponectin and insulin resistance are related to restenosis and overall new PCI in subjects with normal glucose tolerance: the prospective AIRE Study. <i>Cardiovascular Diabetology</i> , 2019 , 18, 24	8.7	64
87	Non-ST-elevation myocardial infarction outcomes in patients with type 2 diabetes with non-obstructive coronary artery stenosis: Effects of incretin treatment. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 723-729	6.7	56
86	miR-98 Regulates TMPRSS2 Expression in Human Endothelial Cells: Key Implications for COVID-19. <i>Biomedicines</i> , 2020 , 8,	4.8	55
85	Autonomic dysfunction is associated with brief episodes of atrial fibrillation in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 88-92	3.2	54
84	Innate immune activity in plaque of patients with untreated and L-thyroxine-treated subclinical hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1015-20	5.6	52
83	Could Anti-Hypertensive Drug Therapy Affect the Clinical Prognosis of Hypertensive Patients With COVID-19 Infection? Data From Centers of Southern Italy. <i>Journal of the American Heart Association</i> , 2020 , 9, e016948	6	51
82	Telemonitoring in heart failure patients treated by cardiac resynchronisation therapy with defibrillator (CRT-D): the TELECARD Study. <i>International Journal of Clinical Practice</i> , 2016 , 70, 569-76	2.9	51
81	Peri-procedural tight glycemic control during early percutaneous coronary intervention up-regulates endothelial progenitor cell level and differentiation during acute ST-elevation myocardial infarction: effects on myocardial salvage. <i>International Journal of Cardiology</i> , 2013 , 168, 3954-62	3.2	46

80	Effects of Alpha Lipoic Acid on Multiple Cytokines and Biomarkers and Recurrence of Atrial Fibrillation Within 1 Year of Catheter Ablation. <i>American Journal of Cardiology</i> , 2017 , 119, 1382-1386	3	45
79	NT-proBNP, IGF-I and survival in patients with chronic heart failure. <i>Growth Hormone and IGF Research</i> , 2007 , 17, 288-96	2	45
78	Hyperglycaemia on admission to hospital and COVID-19. <i>Diabetologia</i> , 2020 , 63, 2486-2487	10.3	44
77	Impact of diabetes mellitus on the clinical response to cardiac resynchronization therapy in elderly people. <i>Journal of Cardiovascular Translational Research</i> , 2014 , 7, 362-8	3.3	42
76	Functional role of miRNA in cardiac resynchronization therapy. <i>Pharmacogenomics</i> , 2014 , 15, 1159-68	2.6	41
75	Pericoronary fat inflammation and Major Adverse Cardiac Events (MACE) in prediabetic patients with acute myocardial infarction: effects of metformin. <i>Cardiovascular Diabetology</i> , 2019 , 18, 126	8.7	40
74	Effects of lipoic acid therapy on sympathetic heart innervation in patients with previous experience of transient takotsubo cardiomyopathy. <i>Journal of Cardiology</i> , 2016 , 67, 153-61	3	39
73	Metabolic syndrome is associated with a poor outcome in patients affected by outflow tract premature ventricular contractions treated by catheter ablation. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 176	2.3	38
72	Efficacy and durability of multifactorial intervention on mortality and MACEs: a randomized clinical trial in type-2 diabetic kidney disease. <i>Cardiovascular Diabetology</i> , 2021 , 20, 145	8.7	38
71	Cardiomyocyte-derived exosomal microRNA-92a mediates post-ischemic myofibroblast activation both in vitro and ex vivo. <i>ESC Heart Failure</i> , 2020 , 7, 284-288	3.7	36
70	Thrombus aspiration in hyperglycemic ST-elevation myocardial infarction (STEMI) patients: clinical outcomes at 1-year follow-up. <i>Cardiovascular Diabetology</i> , 2018 , 17, 152	8.7	36
69	Cardiosomal microRNAs Are Essential in Post-Infarction Myofibroblast Phenocconversion. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	35
68	MicroRNA-33 and SIRT1 influence the coronary thrombus burden in hyperglycemic STEMI patients. <i>Journal of Cellular Physiology</i> , 2020 , 235, 1438-1452	7	35
67	microRNA expression changes after atrial fibrillation catheter ablation. <i>Pharmacogenomics</i> , 2015 , 16, 1863-77	2.6	32
66	Cardiac resynchronization therapy with a defibrillator (CRTd) in failing heart patients with type 2 diabetes mellitus and treated by glucagon-like peptide 1 receptor agonists (GLP-1 RA) therapy vs. conventional hypoglycemic drugs: arrhythmic burden, hospitalizations for heart failure, and CRTd responders rate. <i>Cardiovascular Diabetology</i> , 2018 , 17, 137	8.7	31
65	Inflammatory Cytokines and SIRT1 Levels in Subcutaneous Abdominal Fat: Relationship With Cardiac Performance in Overweight Pre-diabetics Patients. <i>Frontiers in Physiology</i> , 2018 , 9, 1030	4.6	30
64	Is COVID-19 an Endothelial Disease? Clinical and Basic Evidence		29
63	Cardiac electrophysiological alterations and clinical response in cardiac resynchronization therapy with a defibrillator treated patients affected by metabolic syndrome. <i>Medicine (United States)</i> , 2017 , 96, e6558	1.8	26

62	Implications of ABO blood group in hypertensive patients with covid-19. <i>BMC Cardiovascular Disorders</i> , 2020 , 20, 373	2.3	25
61	Telemedicine for screening diabetic retinopathy: The NO BLIND Italian multicenter study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3113	7.5	24
60	Glycated ACE2 receptor in diabetes: open door for SARS-COV-2 entry in cardiomyocyte. <i>Cardiovascular Diabetology</i> , 2021 , 20, 99	8.7	22
59	Abdominal Fat SIRT6 Expression and Its Relationship with Inflammatory and Metabolic Pathways in Pre-Diabetic Overweight Patients. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
58	Stretch, Injury and Inflammation Markers Evaluation to Predict Clinical Outcomes After Implantable Cardioverter Defibrillator Therapy in Heart Failure Patients With Metabolic Syndrome. <i>Frontiers in Physiology</i> , 2018 , 9, 758	4.6	21
57	The dating of thrombus organization in cases of pulmonary embolism: an autopsy study. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 250	2.3	21
56	Cardiac Resynchronization Therapy Outcomes in Type 2 Diabetic Patients: Role of MicroRNA Changes. <i>Journal of Diabetes Research</i> , 2016 , 2016, 7292564	3.9	21
55	Multipolar pacing by cardiac resynchronization therapy with a defibrillators treatment in type 2 diabetes mellitus failing heart patients: impact on responders rate, and clinical outcomes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 75	8.7	20
54	Use of a non-specific immunomodulation therapy as a therapeutic vasculogenesis strategy in no-option critical limb ischemia patients. <i>Atherosclerosis</i> , 2010 , 208, 473-9	3.1	20
53	Cardiac Biomarkers Predict 1-Year Mortality in Elderly Patients Undergoing Hip Fracture Surgery. <i>Orthopedics</i> , 2017 , 40, e417-e424	1.5	19
52	Does poor glycaemic control affect the immunogenicity of the COVID-19 vaccination in patients with type 2 diabetes: The CAVEAT study. <i>Diabetes, Obesity and Metabolism</i> , 2022 , 24, 160-165	6.7	19
51	Relationship between albuminuric CKD and diabetic retinopathy in a real-world setting of type 2 diabetes: Findings from No blind study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 923-930	4.5	17
50	Impact of direct acting antivirals (DAAs) on cardiovascular events in HCV cohort with pre-diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 2345-2353	4.5	17
49	Thrombus Aspiration in Hyperglycemic Patients With High Inflammation Levels in Coronary Thrombus. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 530-531	15.1	16
48	High HDL cholesterol: A risk factor for diabetic retinopathy? Findings from NO BLIND study. <i>Diabetes Research and Clinical Practice</i> , 2019 , 150, 236-244	7.4	16
47	Effects of volume loading on strain rate and tissue Doppler velocity imaging in patients with idiopathic dilated cardiomyopathy. <i>Journal of Cardiovascular Medicine</i> , 2006 , 7, 852-8	1.9	16
46	Sodium-glucose co-transporter2 expression and inflammatory activity in diabetic atherosclerotic plaques: Effects of sodium-glucose co-transporter2 inhibitor treatment. <i>Molecular Metabolism</i> , 2021 , 54, 101337	8.8	16
45	Impact of chronic liver disease upon admission on COVID-19 in-hospital mortality: Findings from COVOCA study. <i>PLoS ONE</i> , 2020 , 15, e0243700	3.7	15

44	SARS-COV-2 colonizes coronary thrombus and impairs heart microcirculation bed in asymptomatic SARS-CoV-2 positive subjects with acute myocardial infarction. <i>Critical Care</i> , 2021 , 25, 217	10.8	15
43	Metformin Therapy Effects on the Expression of Sodium-Glucose Cotransporter 2, Leptin, and SIRT6 Levels in Pericoronary Fat Excised from Pre-Diabetic Patients with Acute Myocardial Infarction. <i>Biomedicines</i> , 2021 , 9,	4.8	15
42	Inflammatory Related Cardiovascular Diseases: From Molecular Mechanisms to Therapeutic Targets. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2565-2573	3.3	14
41	Serum adiponectin levels are associated with worse cognitive function in postmenopausal women. <i>PLoS ONE</i> , 2017 , 12, e0186205	3.7	13
40	Prior β -blocker treatment decreases leukocyte responsiveness to injury. <i>JCI Insight</i> , 2019 , 5,	9.9	12
39	DNA methylation profiling of CD04/CD08 T cells reveals pathogenic mechanisms in increasing hyperglycemia: PIRAMIDE pilot study. <i>Annals of Medicine and Surgery</i> , 2020 , 60, 218-226	2	11
38	Cardiovascular Benefits from Gliflozins: Effects on Endothelial Function. <i>Biomedicines</i> , 2021 , 9,	4.8	11
37	Pathophysiological mechanisms and clinical evidence of relationship between Nonalcoholic fatty liver disease (NAFLD) and cardiovascular disease. <i>Reviews in Cardiovascular Medicine</i> , 2021 , 22, 755-768	3.9	11
36	Metformin lactic acidosis: Should we still be afraid?. <i>Diabetes Research and Clinical Practice</i> , 2019 , 157, 107879	7.4	10
35	Does a strict glycemic control during acute coronary syndrome play a cardioprotective effect? Pathophysiology and clinical evidence. <i>Diabetes Research and Clinical Practice</i> , 2021 , 178, 108959	7.4	10
34	Modulation of SERCA in Patients with Persistent Atrial Fibrillation Treated by Epicardial Thoracoscopic Ablation: The CAMAF Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
33	Pre-Menopausal Breast Fat Density Might Predict MACE During 10 Years of Follow-Up: The BRECARD Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 426-438	8.4	9
32	Functional Role of miR-155 in the Pathogenesis of Diabetes Mellitus and Its Complications. <i>Non-coding RNA</i> , 2021 , 7,	7.1	8
31	Genetic and epigenetic-sensitive regulatory network in immune response: a putative link between HLA-G and diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2019 , 14, 233-241	4.1	7
30	Effects of Metformin in Heart Failure: From Pathophysiological Rationale to Clinical Evidence.. <i>Biomolecules</i> , 2021 , 11,	5.9	7
29	Effects of Sodium-Glucose Transporter 2 Inhibitors (SGLT2-I) in Patients With Ischemic Heart Disease (IHD) Treated by Coronary Artery Bypass Grafting MiECC: Inflammatory Burden, and Clinical Outcomes at 5 Years of Follow-Up. <i>Frontiers in Pharmacology</i> , 2021 , 12, 777083	5.6	7
28	MicroRNAs modulation and clinical outcomes at 1 year of follow-up in obese patients with pre-diabetes treated with metformin vs. placebo. <i>Acta Diabetologica</i> , 2021 , 58, 1381-1393	3.9	7
27	Cardiac syncope recurrence in type 2 diabetes mellitus patients vs. normoglycemics patients: The CARVAS study. <i>Diabetes Research and Clinical Practice</i> , 2019 , 151, 152-162	7.4	6

26	Sodium/glucose cotransporter 2 (SGLT2) inhibitors improve cardiac function by reducing JunD expression in human diabetic hearts. <i>Metabolism: Clinical and Experimental</i> , 2021 , 127, 154936	12.7	6
25	Exosomal microRNAs Drive Thrombosis in COVID-19		6
24	Atherosclerotic Plaque Fissuration and Clinical Outcomes in Pre-Diabetics vs. Normoglycemics Patients Affected by Asymptomatic Significant Carotid Artery Stenosis at 2 Years of Follow-Up: Role of microRNAs Modulation: The ATIMIR Study. <i>Biomedicines</i> , 2021 , 9,	4.8	6
23	Impact of Admission Hyperglycemia on Heart Failure Events and Mortality in Patients With Takotsubo Syndrome at Long-term Follow-up: Data From HIGH-GLUCOTAKO Investigators. <i>Diabetes Care</i> , 2021 , 44, 2158-2161	14.6	6
22	Evidence for human diabetic cardiomyopathy. <i>Acta Diabetologica</i> , 2021 , 58, 983-988	3.9	5
21	I-MIBG Scintigraphy in the Subacute State of Takotsubo Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 93-94	8.4	4
20	Letter by Sardu et al Regarding Article, "Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study". <i>Circulation</i> , 2016 , 133, e388	16.7	4
19	Dysregulated Epicardial Adipose Tissue as a Risk Factor and Potential Therapeutic Target of Heart Failure with Preserved Ejection Fraction in Diabetes.. <i>Biomolecules</i> , 2022 , 12,	5.9	4
18	Awaking Blood Pressure Surge and Progression to Microalbuminuria in Type 2 Normotensive Diabetic Patients. <i>Journal of Diabetes Research</i> , 2016 , 2016, 5876792	3.9	4
17	Effect of Hyperglycemia on COVID-19 Outcomes: Vaccination Efficacy, Disease Severity, and Molecular Mechanisms.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	4
16	MRI in Pregnancy and Precision Medicine: A Review from Literature.. <i>Journal of Personalized Medicine</i> , 2021 , 12,	3.6	4
15	Glycaemic control is associated with SARS-CoV-2 breakthrough infections in vaccinated patients with type 2 diabetes.. <i>Nature Communications</i> , 2022 , 13, 2318	17.4	4
14	Infarct size, inflammatory burden, and admission hyperglycemia in diabetic patients with acute myocardial infarction treated with SGLT2-inhibitors: a multicenter international registry.. <i>Cardiovascular Diabetology</i> , 2022 , 21, 77	8.7	4
13	Adiponectin Related Vascular and Cardiac Benefits in Obesity: Is There a Role for an Epigenetically Regulated Mechanism?. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 768026	5.4	3
12	Cardiac resynchronization therapy and its effects in patients with type 2 DIAbetes mellitus OPTimized in automatic vs. echo guided approach. Data from the DIA-OPTA investigators. <i>Cardiovascular Diabetology</i> , 2020 , 19, 202	8.7	3
11	Non-vitamin K antagonist oral anticoagulants in patients with atrial fibrillation and atrial thrombosis: An appraisal of current evidence. <i>Archives of Cardiovascular Diseases</i> , 2020 , 113, 642-651	2.7	3
10	Microbiota thrombus colonization may influence athero-thrombosis in hyperglycemic patients with ST segment elevation myocardialinfarction (STEMI). Marianella study. <i>Diabetes Research and Clinical Practice</i> , 2021 , 173, 108670	7.4	3
9	ELectrophysiological mechanisms underlying the Inhibitory CARDiac syncope without asystolic significant pause: Therapeutic and prognostic implications. The ELICA randomized trial. <i>Medicine (United States)</i> , 2018 , 97, e11757	1.8	3

8	Author's reply. <i>Journal of Cardiology</i> , 2016 , 67, 573	3	1
7	Author's reply. <i>Journal of Cardiology</i> , 2016 , 68, 89-90	3	1
6	Implantable cardioverter defibrillator to prevent sudden cardiac death in a patient with systemic sclerosis: A clinical case. <i>Journal of Cardiology Cases</i> , 2012 , 5, e166-e170	0.6	1
5	Response to Comment on Paolisso et al. Impact of Admission Hyperglycemia on Heart Failure Events and Mortality in Patients With Takotsubo Syndrome at Long-term Follow-up: Data From HIGH-GLUCOTAKO Investigators. <i>Diabetes Care</i> 2021;44:2158-2161. <i>Diabetes Care</i> , 2021 , 44, e201-e202	14.6	1
4	Aspirin in a diabetic retinopathy setting: Insights from NO BLIND study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1806-1812	4.5	1
3	Letter by Sardu et al Regarding Article, "Persistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathy". <i>Circulation</i> , 2018 , 138, 954-955	16.7	1
2	Lack of effect on in-hospital mortality of drugs used during COVID-19 pandemic: Findings of the retrospective multicenter COVOCA study. <i>PLoS ONE</i> , 2021 , 16, e0256903	3.7	0
1	How to Induce Arrhythmias by Atrial and Ventricular Programmed Stimulation? 2019 , 7-18		