

Marcelo Di Carli

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,864
citations

279487

23
h-index

174990

52
g-index

61
all docs

61
docs citations

61
times ranked

4111
citing authors

#	ARTICLE	IF	CITATIONS
1	Ischemia and No Obstructive Coronary Artery Disease (INOCA). <i>Circulation</i> , 2017, 135, 1075-1092.	1.6	527
2	Myocarditis in the Setting of Cancer Therapeutics. <i>Circulation</i> , 2019, 140, 80-91.	1.6	278
3	Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1654-1663.	2.3	246
4	Retinal Vessel Calibers in Predicting Long-Term Cardiovascular Outcomes. <i>Circulation</i> , 2016, 134, 1328-1338.	1.6	204
5	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2015, 16, 477-487.	5.2	168
6	Isolated cardiac sarcoidosis: A focused review of an under-recognized entity. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1136-1146.	1.4	121
7	Deep Learning Analysis of Upright-Supine High-Efficiency SPECT Myocardial Perfusion Imaging for Prediction of Obstructive Coronary Artery Disease: A Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 664-670.	2.8	113
8	¹⁸ F-Fluoride Signal Amplification Identifies Microcalcifications Associated With Atherosclerotic Plaque Instability in Positron Emission Tomography/Computed Tomography Images. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007835.	1.3	92
9	European Society of Cardiologyâ€‘Recommended Coronary Artery Disease Consortium Pretest Probability Scores More Accurately Predict Obstructive Coronary Disease and Cardiovascular Events Than the Diamond and Forrester Score. <i>Circulation</i> , 2016, 134, 201-211.	1.6	90
10	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1073-1089.	0.5	74
11	Rationale and design of the REgistry of Fast Myocardial Perfusion Imaging with NExt generation SPECT (REFINE SPECT). <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1010-1021.	1.4	74
12	5-Year Prognostic Value of Quantitative Versus Visual MPI in Subtle Perfusion Defects. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 774-785.	2.3	70
13	Machine learning predicts per-vessel early coronary revascularization after fast myocardial perfusion SPECT: results from multicentre REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 549-559.	0.5	70
14	Use of Cardiac Computerized Tomography to Predict Neo Left Ventricular Outflow Tract Obstruction Before Transcatheter Mitral Valve Replacement. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	52
15	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1091-1102.	2.3	44
16	Association of post-diagnosis cardiorespiratory fitness with cause-specific mortality in cancer. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020, 6, 315-322.	1.8	43
17	Prognostically safe stress-only single-photon emission computed tomography myocardial perfusion imaging guided by machine learning: report from REFINE SPECT. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 705-714.	0.5	38
18	Causes of Troponin Elevation and Associated Mortality in Young Patients. <i>American Journal of Medicine</i> , 2018, 131, 284-292.e1.	0.6	29

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19	Contemporary Discrepancies of Stenosis Assessment by Computed Tomography and Invasive Coronary Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007720.	1.3	28
20	Practical guide for interpreting and reporting cardiac PET measurements of myocardial blood flow: an Information Statement from the American Society of Nuclear Cardiology, and the Society of Nuclear Medicine and Molecular Imaging. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 768-787.	1.4	28
21	Impact of Early Revascularization on Major Adverse Cardiovascular Events in Relation to Automatically Quantified Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 644-653.	2.3	28
22	Assessment of myocardial viability and left ventricular function in patients supported by a left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 372-381.	0.3	26
23	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. <i>Cardiovascular Research</i> , 2022, 118, 2152-2164.	1.8	26
24	Coronary microvascular dysfunction, left ventricular remodeling, and clinical outcomes in aortic stenosis. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 579-588.	1.4	24
25	Relationship Between Myocardial Injury During Index Hospitalization for SARS-CoV-2 Infection and Longer-Term Outcomes. <i>Journal of the American Heart Association</i> , 2022, 11, e022010.	1.6	24
26	Psoriasis and Cardiovascular Disease: Novel Mechanisms and Evolving Therapeutics. <i>Current Atherosclerosis Reports</i> , 2021, 23, 67.	2.0	23
27	Reversal of heart failure in a chemogenetic model of persistent cardiac redox stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H617-H626.	1.5	22
28	Endocardial-epicardial distribution of myocardial perfusion reserve assessed by multidetector computed tomography in symptomatic patients without significant coronary artery disease: insights from the CORE320 multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 779-787.	0.5	21
29	Myocardial Ischemic Burden and Differences in Prognosis Among Patients With and Without Diabetes: Results From the Multicenter International REFINE SPECT Registry. <i>Diabetes Care</i> , 2020, 43, 453-459.	4.3	21
30	Transient ischaemic dilation and post-stress wall motion abnormality increase risk in patients with less than moderate ischaemia: analysis of the REFINE SPECT registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 567-575.	0.5	21
31	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2295-2307.	1.4	21
32	Coronary Microvascular Dysfunction in Rheumatoid Arthritis Compared to Diabetes Mellitus and Association With All-Cause Mortality. <i>Arthritis Care and Research</i> , 2021, 73, 159-165.	1.5	19
33	Multimodality imaging in ischaemic heart failure. <i>Lancet, The</i> , 2019, 393, 1056-1070.	6.3	18
34	Coronary microvascular dysfunction in patients with psoriasis. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 37-42.	1.4	18
35	Upper reference limits of transient ischemic dilation ratio for different protocols on new-generation cadmium zinc telluride cameras: A report from REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1180-1189.	1.4	17
36	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry. <i>Computers in Biology and Medicine</i> , 2022, 145, 105449.	3.9	14

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37	Reduced Cardiorespiratory Fitness and Increased Cardiovascular Mortality After Prolonged Androgen Deprivation Therapy for Prostate Cancer. <i>JACC: CardioOncology</i> , 2020, 2, 553-563.	1.7	13
38	Practical Guide for Interpreting and Reporting Cardiac PET Measurements of Myocardial Blood Flow: An Information Statement from the American Society of Nuclear Cardiology, and the Society of Nuclear Medicine and Molecular Imaging. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1599-1615.	2.8	13
39	Prognostic Value of Phase Analysis for Predicting Adverse Cardiac Events Beyond Conventional Single-Photon Emission Computed Tomography Variables: Results From the REFINE SPECT Registry. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012386.	1.3	13
40	Automated quantitative analysis of CZT SPECT stratifies cardiovascular risk in the obese population: Analysis of the REFINE SPECT registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 727-736.	1.4	11
41	Prognostic value of noninvasive combined anatomic/functional assessment by cardiac CT in patients with suspected coronary artery disease – Comparison with invasive coronary angiography and nuclear myocardial perfusion imaging for the five-year-follow up of the CORE320 multicenter study. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 485-491.	0.7	9
42	Improved myocardial blood flow estimation with residual activity correction and motion correction in 18F-flurpiridaz PET myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1881-1893.	3.3	9
43	Ranolazine reduces repolarization heterogeneity in asymptomatic patients with diabetes and non-flow-limiting coronary artery stenosis. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, .	0.5	7
44	Fluorodeoxyglucose Uptake in Atheroma. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1233-1236.	1.2	7
45	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1582-1590.	2.8	7
46	Comparison of diabetes to other prognostic predictors among patients referred for cardiac stress testing: A contemporary analysis from the REFINE SPECT Registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3003-3014.	1.4	6
47	Relative Predictive Value of Circulating Immune Markers in US Adults Without Cardiovascular Disease: Implications for Risk Reclassification. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1812-1821.	1.4	5
48	The year in cardiovascular medicine 2021: imaging. <i>European Heart Journal</i> , 2022, 43, 1288-1295.	1.0	5
49	Evolving, innovating, and revolutionary changes in cardiovascular imaging: We™ve only just begun!. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 758-768.	1.4	4
50	Relationship Between Myocardial Perfusion Imaging Abnormalities on Positron Emission Tomography and Anginal Symptoms, Functional Status, and Quality of Life. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, e013592.	1.3	4
51	Relationship Between Risk of Atherosclerotic Cardiovascular Disease, Inflammation, and Coronary Microvascular Dysfunction in Rheumatoid Arthritis. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	4
52	Multimodality Imaging in Prosthetic Valve Endocarditis With Septic Coronary Embolism. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009298.	1.3	3
53	Ultrasound-based sensors for respiratory motion assessment in multimodality PET imaging. <i>Physics in Medicine and Biology</i> , 2022, 67, 02NT01.	1.6	3
54	Prevalence and predictors of automatically quantified myocardial ischemia within a multicenter international registry. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3221-3232.	1.4	3

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55	Differences in Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography Using High-Efficiency Solid-State Detector Between Men and Women in a Large International Multicenter Study. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	1.3	2
56	Prevalence of ECG testing and characteristics among new hydroxychloroquine and chloroquine users within a multi-center tertiary care center. <i>Rheumatology International</i> , 2022, , 1.	1.5	1
57	Abstract 16606: 30-day and 2-year Prognostic Information of Total Atheroma Volume, Segment Stenosis Score, and Traditional Coronary Artery Stenosis Assessment by CT Angiography - Results From the CORE320 International Study. <i>Circulation</i> , 2015, 132, .	1.6	0
58	Abstract 13834: Low Coronary Microvascular Vasodilator Capacity Relative to Myocardial Mass Predicts Cardiovascular Risk in Hypertensive Heart Disease. <i>Circulation</i> , 2020, 142, .	1.6	0
59	Abstract 14505: Risk Reclassification by Circulating Immune Markers in Ambulatory Us Adults Without Prevalent Cardiovascular Diseases: Insights From National Health and Nutrition Examination Survey. <i>Circulation</i> , 2020, 142, .	1.6	0
60	Abstract 12881: Abnormal Retinal Perfusion Indices by Optical Coherence Tomography Angiography (OCTA) Associate With Abnormal Coronary Flow Reserve. <i>Circulation</i> , 2021, 144, .	1.6	0