Roberto SciagrÃ

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	One-tissue compartment model for myocardial perfusion quantification with N-13 ammonia PET provides matching results: A cross-comparison between Carimas, FlowQuant, and PMOD. Journal of Nuclear Cardiology, 2022, 29, 2543-2550.	2.1	5
2	Evaluation of stress myocardial blood flow patterns in patients with apical hypertrophic cardiomyopathy. Journal of Nuclear Cardiology, 2022, 29, 1946-1951.	2.1	3
3	Myocardial perfusion quantification with Rb-82 PET: good interobserver agreement of Carimas software on global, regional, and segmental levels. Annals of Nuclear Medicine, 2022, 36, 507-514.	2.2	2
4	The Utility of Conventional Amino Acid PET Radiotracers in the Evaluation of Glioma Recurrence also in Comparison with MRI. Diagnostics, 2022, 12, 844.	2.6	13
5	Appropriateness criteria for the use of cardiac computed tomography, SIC-SIRM part 2: acute chest pain evaluation; stent and coronary artery bypass graft patency evaluation; planning of coronary revascularization and transcatheter valve procedures; cardiomyopathies, electrophysiological applications, cardiac masses, cardio-oncology and pericardial diseases evaluation. Journal of	1.5	5
6	Cardiovascular Medicine, 2022, 23, 290-303. EANM procedural guidelines for PET/CT quantitative myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1040-1069.	6.4	70
7	Prevalence of interstitial pneumonia suggestive of COVID-19 at 18F-FDG PET/CT in oncological asymptomatic patients in a high prevalence country during pandemic period: a national multi-centric retrospective study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2871-2882.	6.4	11
8	The brain connection between stress and heart: a convincing research opportunity to reduce risk and gender disparity in cardiovascular disease. Journal of Nuclear Cardiology, 2021, 28, 433-435.	2.1	3
9	The STREAM trial: Great expectations for getting clearness in an opaque disease. International Journal of Cardiology, 2021, 332, 140-141.	1.7	0
10	SIRM–SIC appropriateness criteria for the use of Cardiac Computed Tomography. Part 1: Congenital heart diseases, primary prevention, risk assessment before surgery, suspected CAD inÂsymptomatic patients, plaque and epicardial adipose tissue characterization, and functional assessment of stenosis. Radiologia Medica, 2021, 126, 1236-1248.	7.7	18
11	Baseline metabolic tumor volume calculation using different SUV thresholding methods in Hodgkin lymphoma patients: interobserver agreement and reproducibility across software platforms. Nuclear Medicine Communications, 2021, 42, 284-291.	1.1	17
12	Cerebral amyloid load determination in a clinical setting: interpretation of amyloid biomarker discordances aided by tau and neurodegeneration measurements. Neurological Sciences, 2021, , 1.	1.9	0
13	Sub-endocardial and sub-epicardial measurement of myocardial blood flow using 13NH3 PET in man. Journal of Nuclear Cardiology, 2020, 27, 1665-1674.	2.1	6
14	Transient ischemic dilation in hypertrophic cardiomyopathy: A complex sign in a complex disease. Journal of Nuclear Cardiology, 2020, 27, 2044-2047.	2.1	0
15	Coronary microvascular function is impaired in patients with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. European Journal of Neurology, 2020, 28, 3809-3813.	3.3	9
16	Are disease-related pulmonary perfusion abnormalities detectable in COVID-19 patients? Suspicious findings in a lung perfusion SPECT performed for ruling out classical pulmonary embolism. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2211-2213.	6.4	4
17	Typical lung carcinoids: review of classification, radiological signs and nuclear imaging findings. Clinical and Translational Imaging, 2020, 8, 79-94.	2.1	2
18	Novel 3D heart left ventricle muscle segmentation method for PET-gated protocol and its verification. Annals of Nuclear Medicine, 2019, 33, 629-638.	2.2	2

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19	Characterization of functionally significant coronary artery disease by a coronary computed tomography angiography-based index: a comparison with positron emission tomography. European Heart Journal Cardiovascular Imaging, 2019, 20, 897-905.	1.2	18
20	EANM procedural guidelines for myocardial perfusion scintigraphy using cardiac-centered gamma cameras. European Journal of Hybrid Imaging, 2019, 3, 11.	1.5	46
21	Microvascular Dysfunction in Hypertrophic Cardiomyopathy. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.6	Ο
22	Right ventricular perfusion: Do we need additional evidence or just a simple methodology?. Journal of Nuclear Cardiology, 2019, 26, 272-274.	2.1	2
23	Comparison between the summed difference score and myocardial blood flow measured by 13N-ammonia. Journal of Nuclear Cardiology, 2018, 25, 1621-1628.	2.1	21
24	Prediction of functional recovery after primary PCI using the estimate of myocardial salvage in gated SPECT early after acute myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 530-537.	6.4	11
25	Myocardial blood flow and left ventricular functional reserve in hypertrophic cardiomyopathy: a 13NH3 gated PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 866-875.	6.4	29
26	Systematic review of cost-effectiveness of myocardial perfusion scintigraphy in patients with ischaemic heart disease. European Heart Journal Cardiovascular Imaging, 2017, 18, 825-832.	1.2	15
27	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. European Heart Journal Cardiovascular Imaging, 2017, 18, 1073-1089.	1.2	74
28	Role of quantitative myocardial positron emission tomography for risk stratification in patients with hypertrophic cardiomyopathy: a 2016 reappraisal. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2413-2422.	6.4	20
29	Performance of cardiac cadmium-zinc-telluride gamma camera imaging in coronary artery disease: a review from the cardiovascular committee of the European Association of Nuclear Medicine (EANM). European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2423-2432.	6.4	80
30	Segmental quantitative myocardial perfusion with PET for the detection of significant coronary artery disease in patients with stable angina. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1522-1529.	6.4	18
31	Clinical use of quantitative cardiac perfusion PET: rationale, modalities and possible indications. Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM). European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1530-1545.	6.4	44
32	Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM) on PET imaging of atherosclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 780-792.	6.4	195
33	COmparison between COronary THrombus aspiration with Angiojet® or Export® catheter in patients with ST-elevation myocardial infarction submitted to primary angioplasty: The COCOTH Study. International Journal of Cardiology, 2016, 203, 757-762.	1.7	9
34	Interventricular septum metastasis in neuroendocrine tumour. Endocrine, 2016, 53, 870-871.	2.3	0
35	Positron-emission tomography myocardial blood flow quantification in hypertrophic cardiomyopathy. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2016, 60, 354-61.	0.7	6
36	Effect of diabetes on scintigraphic infarct size in STEMI patients undergoing primary angioplasty. Diabetes/Metabolism Research and Reviews, 2015, 31, 322-328.	4.0	7

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37	Validation of pixel-wise parametric mapping of myocardial blood flow with 13NH3 PET in patients with hypertrophic cardiomyopathy. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1581-1588.	6.4	12
38	Matrix metalloproteinases and their tissue inhibitor after reperfused ST-elevation myocardial infarction treated with doxycycline. Insights from the TIPTOP trial. International Journal of Cardiology, 2015, 197, 147-153.	1.7	23
39	Smoking and infarct size among STEMI patients undergoing primary angioplasty. Atherosclerosis, 2014, 233, 145-148.	0.8	7
40	Impact of multivessel disease on infarct size among STEMI patients undergoing primary angioplasty. Atherosclerosis, 2014, 234, 244-248.	0.8	6
41	Preprocedural TIMI flow and infarct size in STEMI undergoing primary angioplasty. Journal of Thrombosis and Thrombolysis, 2014, 38, 81-86.	2.1	13
42	Early short-term doxycycline therapy in patients with acute myocardial infarction and left ventricular dysfunction to prevent the ominous progression to adverse remodelling: the TIPTOP trial. European Heart Journal, 2014, 35, 184-191.	2.2	102
43	Quantification of Myocardial Blood Flow inÂAbsolute Terms Using 82Rb PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127.	5.3	144
44	Effects of a timely therapy with doxycycline on the left ventricular remodeling according to the pre-procedural TIMI flow grade in patients with ST-elevation acute myocardial infarction. Basic Research in Cardiology, 2014, 109, 412.	5.9	13
45	SPECT and PET Protocols for Imaging Myocardial Viability. Current Cardiovascular Imaging Reports, 2014, 7, 1.	0.6	5
46	Surgical Correction of Left Coronary Artery Origin From the Right Coronary Artery. Annals of Thoracic Surgery, 2013, 95, e1-e2.	1.3	5
47	Preinfarction angina does not affect infarct size in STEMI patients undergoing primary angioplasty. Atherosclerosis, 2013, 226, 153-156.	0.8	9
48	Time-to-treatment and infarct size in STEMI patients undergoing primary angioplasty. International Journal of Cardiology, 2013, 167, 1508-1513.	1.7	16
49	Relation of Gender to Infarct Size in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Angioplasty. American Journal of Cardiology, 2013, 111, 936-940.	1.6	25
50	Detection of infarct size safety threshold for left ventricular ejection fraction impairment in acute myocardial infarction successfully treated with primary percutaneous coronary intervention. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 542-547.	6.4	3
51	Impact of hypertension on infarct size in ST elevation myocardial infarction patients undergoing primary angioplasty. Journal of Hypertension, 2013, 31, 2433-2437.	0.5	5
52	Coronary microvascular dysfunction is an early feature of cardiac involvement in patients with Anderson–Fabry disease. European Journal of Heart Failure, 2013, 15, 1363-1373.	7.1	49
53	SBP ratio in exercise stress testing. Journal of Cardiovascular Medicine, 2013, 14, 714-718.	1.5	0
54	Quantitative Cardiac Positron Emission Tomography: The Time Is Coming!. Scientifica, 2012, 2012, 1-16.	1.7	7

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55	Microvascular Function Is Selectively Impaired in Patients With Hypertrophic Cardiomyopathy and Sarcomere Myofilament Gene Mutations. Journal of the American College of Cardiology, 2011, 58, 839-848.	2.8	138
56	Prognostic implications of post-stress ejection fraction decrease detected by gated SPECT in the absence of stress-induced perfusion abnormalities. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 485-490.	6.4	21
57	Relationship between infarct size and severity measured by gated SPECT and long-term left ventricular remodelling after acute myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1124-1131.	6.4	27
58	Predictive potential of pre-operative functional neuroimaging in patients treated with subthalamic stimulation. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 12-22.	6.4	2
59	Reliability of myocardial perfusion gated SPECT for the reproducible evaluation of resting left ventricular functional parameters in long-term follow-up. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1722-1729.	6.4	8
60	Evaluation of the influence of age and gender on the relationships between infarct size, infarct severity, and left ventricular ejection fraction in patients successfully treated with primary percutaneous coronary intervention. Journal of Nuclear Cardiology, 2010, 17, 444-449.	2.1	5
61	Feasibility of an accurate assessment of myocardial salvage by comparing functional and perfusion abnormalities in post-reperfusion gated SPECT. Journal of Nuclear Cardiology, 2010, 17, 825-830.	2.1	7
62	Abnormal response to mental stress in patients with Takotsubo cardiomyopathy detected by gated single photon emission computed tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 765-772.	6.4	13
63	Redefining the Success of Mechanical Reperfusion. , 2010, , 234-239.		0
64	Microvascular Dysfunction, Myocardial Ischemia, and Progression to Heart Failure in Patients with Hypertrophic Cardiomyopathy. Journal of Cardiovascular Translational Research, 2009, 2, 452-461.	2.4	53
65	Relationship between atrial fibrillation and blunted hyperemic myocardial blood flow in patients with hypertrophic cardiomyopathy. Journal of Nuclear Cardiology, 2009, 16, 92-96.	2.1	25
66	Estimate of myocardial salvage in late presentation acute myocardial infarction by comparing functional and perfusion abnormalities in predischarge gated SPECT. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 906-911.	6.4	12
67	Is 16-frame really superior to 8-frame gated SPECT for the assessment of left ventricular volumes and ejection fraction? Comparison of two simultaneously acquired gated SPECT studies. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2059-2065.	6.4	18
68	Relationship of sustained brain natriuretic peptide release after reperfused acute myocardial infarction with gated SPECT infarct measurements and its connection with collagen turnover and left ventricular remodeling. Journal of Nuclear Cardiology, 2008, 15, 644-654.	2.1	4
69	Assessment of the Influence of Atrial Fibrillation on Gated SPECT Perfusion Data by Comparison with Simultaneously Acquired Nongated SPECT Data. Journal of Nuclear Medicine, 2008, 49, 1283-1287.	5.0	4
70	Spatial Relationship Between Coronary Microvascular Dysfunction and Delayed Contrast Enhancement in Patients with Hypertrophic Cardiomyopathy. Journal of Nuclear Medicine, 2008, 49, 1090-1096.	5.0	68
71	Influence of the postexercise acquisition delay on the detection of functional abnormalities in sestamibi-gated SPECT. Journal of Nuclear Cardiology, 2007, 14, 334-340.	2.1	7
72	The expanding role of left ventricular functional assessment using gated myocardial perfusion SPECT: the supporting actor is stealing the scene. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1107-1122.	6.4	26

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73	Ability of mechanical reperfusion to salvage myocardium in patients with acute myocardial infarction presenting beyond 12 hours after onset of symptoms. American Heart Journal, 2006, 152, 1133-1139.	2.7	30
74	ST-Segment Analysis to Predict Infarct Size and Functional Outcome in Acute Myocardial Infarction Treated With Primary Coronary Intervention and Adjunctive Abciximab Therapy. American Journal of Cardiology, 2006, 97, 48-54.	1.6	28
75	Commentary. Evidence-based Cardiovascular Medicine, 2005, 9, 307-308.	0.0	Ο
76	A randomized trial comparing clopidogrel versus ticlopidine therapy in patients undergoing infarct artery stenting for acute myocardial infarction with abciximab as adjunctive therapy. American Heart Journal, 2005, 150, 220.e1-220.e5.	2.7	18
77	Gated SPECT evaluation of outcome after abciximab-supported primary infarct artery stenting for acute myocardial infarction: the scintigraphic data of the abciximab and carbostent evaluation (ACE) randomized trial. Journal of Nuclear Medicine, 2005, 46, 722-7.	5.0	10
78	Comparison of rheolytic thrombectomy before direct infarct artery stenting versus direct stenting alone in patients undergoing percutaneous coronary intervention for acute myocardial infarction. American Journal of Cardiology, 2004, 93, 1033-1035.	1.6	160
79	Relationship of infarct size and severity versus left ventricular ejection fraction and volumes obtained from 99mTc-sestamibi gated single-photon emission computed tomography in patients treated with primary percutaneous coronary intervention. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 969-74.	6.4	35
80	Use of 99mTc-sestamibi gated SPECT to assess the influence of anterograde flow before primary coronary angioplasty on tissue salvage and functional recovery in acute myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1378-85.	6.4	6
81	Myocardial perfusion imaging using gated SPECT in heart failure patients undergoing cardiac resynchronization therapy. Journal of Nuclear Medicine, 2004, 45, 164-8.	5.0	51
82	Usefulness of dobutamine Tc-99m sestamibi-gated single-photon emission computed tomography for prediction of left ventricular ejection fraction outcome after coronary revascularization for ischemic cardiomyopathy. American Journal of Cardiology, 2002, 89, 817-821.	1.6	27
83	Predicting revascularization outcome in patients with coronary artery disease and left ventricular dysfunction (data from the SEMINATOR study). American Journal of Cardiology, 2002, 89, 1369-1373.	1.6	15
84	Low-dose dobutamine nitrate-enhanced technetium 99m sestamibi gated SPECT versus low-dose dobutamine echocardiography for detecting reversible dysfunction in ischemic cardiomyopathy. Journal of Nuclear Cardiology, 2002, 9, 402-406.	2.1	25
85	Comparison of dobutamine echocardiography and 99mTc-sestamibi tomography for prediction of left ventricular ejection fraction outcome after acute myocardial infarction treated with successful primary coronary angioplasty. Journal of Nuclear Medicine, 2002, 43, 8-14.	5.0	83
86	Technetium-99m sestamibi imaging to predict left ventricular ejection fraction outcome after revascularisation in patients with chronic coronary artery disease and left ventricular dysfunction: comparison between baseline and nitrate-enhanced imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 680-687.	2.1	27
87	Usefulness of distinct activity thresholds according to baseline regional asynergy for predicting functional recovery in patients with chronic coronary artery disease and left ventricular dysfunction: A study with nitrate-enhanced sestamibi gated SPECT. Journal of Nuclear Cardiology, 2001. 8, 555-560.	2.1	5
88	Prediction of functional recovery in patients with chronic coronary artery disease and left ventricular dysfunction combining the evaluation of myocardial perfusion and of contractile reserve using nitrate-enhanced technetium-99m sestamibi gated single-photon emission computed tomography and Dobutamine stress. American Journal of Cardiology, 2001, 87, 1346-1350.	1.6	27
89	Comparison of baseline and low-dose dobutamine technetium-99m sestamibi scintigraphy with low-dose dobutamine echocardiography for predicting functional recovery after revascularization. American Journal of Cardiology, 2000, 86, 153-157.	1.6	14
90	Nitrate-enhanced gated technetium 99m sestamibi SPECT for evaluating regional wall motion at baseline and during low-dose dobutamine infusion in patients with chronic coronary artery disease and left ventricular dysfunction: Comparison with two-dimensional echocardiography. Journal of Nuclear Cardiology, 2000, 7, 426-431.	2.1	30

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91	Prognostic implications of Tc-99m sestamibi viability imaging and subsequent therapeutic strategy in patients with chronic coronary artery disease and left ventricular dysfunction. Journal of the American College of Cardiology, 2000, 36, 739-745.	2.8	69
92	Technetium-99m-labeled perfusion tracers for the detection of myocardial viability. Developments in Cardiovascular Medicine, 2000, , 91-112.	0.1	0
93	Head-to-head comparison of exercise stress testing, pharmacologic stress echocardiography, and perfusion tomography as first-line examination for chest pain in patients without history of coronary artery disease. Journal of Nuclear Cardiology, 1998, 5, 19-27.	2.1	58
94	Prediction of post-revascularization functional recovery of asynergic myocardium using quantitative thallium-201 rest-redistribution tomography: has the reverse redistribution pattern an independent significance?. European Journal of Nuclear Medicine and Molecular Imaging, 1998, 25, 594-600.	6.4	3
95	Detection of Malignant Thymoma During Myocardial Perfusion Tomography With Tc-99m Sestamibi. Clinical Nuclear Medicine, 1998, 23, 842-843.	1.3	4
96	Comparison of Baseline–Nitrate Technetium-99m Sestamibi With Rest–Redistribution Thallium-201 Tomography in Detecting Viable Hibernating Myocardium and Predicting Postrevascularization Recovery. Journal of the American College of Cardiology, 1997, 30, 384-391.	2.8	109
97	Alternative Approaches to the Prognostic Stratification of Mild to Moderate Primary Vesicoureteral Reflux in Children. Journal of Urology, 1996, 155, 2052-2056.	0.4	14
98	Influence of the assessment of defect severity and intravenous nitrate administration during tracer injection on the detection of viable hibernating myocardium with data-based quantitative technetium 99m-labeled sestamibi single-photon emission computed tomography. Journal of Nuclear Cardiology, 1996, 3, 221-230.	2.1	26
99	201Tl and 99mTc-labeled sestamibi for assessment of myocardial viability. Journal of Nuclear Cardiology, 1996, 3, 453.	2.1	0
100	Renal and Limb Vasodilatation during Acute Betaâ€Adrenoceptor Blockade with Indenolol. Journal of Clinical Pharmacology, 1995, 35, 176-181.	2.0	1
101	Rest technetium-99m sestmibi temography in combination with short-term administration of nitrates: Feasibility and reliability for prediction of postrevascularization outcome of asynergic territories. Journal of the American College of Cardiology, 1994, 24, 1282-1289.	2.8	110
102	Infarct-avid scintigraphy with technetium-99m-pyrophosphate. Coronary Artery Disease, 1992, 3, 1073-1080.	0.7	0
103	Diagnostic accuracy of peak exercise echocardiography in coronary artery disease: Comparison with thallium-201 myocardial scintigraphy. American Heart Journal, 1991, 122, 1609-1616.	2.7	71
104	Comparison of tomographic and planar imaging for the evaluation of thrombolytic therapy in acute myocardial infarction using pre- and post-treatment myocardial scintigraphy with technetium-99m sestamibi. American Heart Journal, 1991, 122, 13-22.	2.7	8
105	Assessment of ventricular function with first-pass radionuclide angiography using technetium 99m hexakis-2-methoxyisobutylisonitrile: a European multicentre study. European Journal of Nuclear Medicine and Molecular Imaging, 1991, 18, 178-183.	2.1	19
106	Single photon emission computed tomography with technetium-99m hexakis 2-methoxyisobutyl isonitrile in acute myocardial infarction before and after thrombolytic treatment: Assessment of salvaged myocardium and prediction of late functional recovery. Journal of the American College of Cardiology, 1990, 15, 301-314.	2.8	110
107	Treatment of Hypertensive Emergencies. Journal of Cardiovascular Pharmacology, 1986, 8, S46-S50.	1.9	6