

Claudio Marcassa

List of Publications by Year in descending order

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99
papers

3,382
citations

201674

27
h-index

144013

57
g-index

102
all docs

102
docs citations

102
times ranked

3155
citing authors

#	ARTICLE	IF	CITATIONS
1	EANM/ESC procedural guidelines for myocardial perfusion imaging in nuclear cardiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 855-897.	6.4	467
2	Proposal for standardization of ¹²³ I-metaiodobenzylguanidine (MIBG) cardiac sympathetic imaging by the EANM Cardiovascular Committee and the European Council of Nuclear Cardiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1802-1812.	6.4	295
3	Task force on the management of chest pain. <i>European Heart Journal</i> , 2002, 23, 1153-1176.	2.2	227
4	Effects of Metoprolol CR in Patients With Ischemic and Dilated Cardiomyopathy. <i>Circulation</i> , 2000, 101, 378-384.	1.6	198
5	EANM/ESC guidelines for radionuclide imaging of cardiac function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 851-885.	6.4	184
6	Hybrid cardiac imaging: SPECT/CT and PET/CT. A joint position statement by the European Association of Nuclear Medicine (EANM), the European Society of Cardiac Radiology (ESCR) and the European Council of Nuclear Cardiology (ECNC). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 201-212.	6.4	163
7	Current worldwide nuclear cardiology practices and radiation exposure: results from the 65 country IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS). <i>European Heart Journal</i> , 2015, 36, 1689-1696.	2.2	155
8	Myocardial perfusion abnormalities in chronic Chagas' disease as detected by thallium-201 scintigraphy. <i>American Journal of Cardiology</i> , 1992, 69, 780-784.	1.6	133
9	Spontaneous delayed recovery of perfusion and contraction after the first 5 weeks after anterior infarction. Evidence for the presence of hibernating myocardium in the infarcted area.. <i>Circulation</i> , 1994, 90, 1386-1397.	1.6	119
10	Clinical value, cost-effectiveness, and safety of myocardial perfusion scintigraphy: a position statement. <i>European Heart Journal</i> , 2008, 29, 557-563.	2.2	117
11	Risks and benefits of cardiac imaging: an analysis of risks related to imaging for coronary artery disease. <i>European Heart Journal</i> , 2014, 35, 633-638.	2.2	82
12	Alteration in regulation of myocardial blood flow in one-vessel coronary artery disease determined by positron emission tomography. <i>American Journal of Cardiology</i> , 1993, 72, 538-543.	1.6	77
13	Effects of nitroglycerin by technetium-99m sestamibi tomoscintigraphy on resting regional myocardial hypoperfusion in stable patients with healed myocardial infarction. <i>American Journal of Cardiology</i> , 1994, 74, 843-848.	1.6	52
14	Accuracy and safety of technetium-99m hexakis 2-methoxy-2-isobutyl isonitrile (Sestamibi) myocardial scintigraphy with high dose dipyridamole test in patients with effort angina pectoris: A multicenter study. <i>Journal of the American College of Cardiology</i> , 1991, 18, 1439-1444.	2.8	51
15	The Impact of Growth Hormone/Insulin-Like Growth Factor-I Axis and Nocturnal Breathing Disorders on Cardiovascular Features of Adult Patients with Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5639-5646.	3.6	42
16	Intracoronary ST-Segment Shift Soon After Elective Percutaneous Coronary Intervention Accurately Predicts Periprocedural Myocardial Injury. <i>Circulation</i> , 2006, 114, 1948-1954.	1.6	40
17	Transient left ventricular dilation at quantitative stress-rest sestamibi tomography: Clinical, electrocardiographic, and angiographic correlates. <i>Journal of Nuclear Cardiology</i> , 1999, 6, 397-405.	2.1	37
18	Wide beam reconstruction for half-dose or half-time cardiac gated SPECT acquisitions: optimization of resources and reduction in radiation exposure. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 499-508.	6.4	36

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19	Comparative analysis of iterative reconstruction algorithms with resolution recovery for cardiac SPECT studies. A multi-center phantom study. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 135-148.	2.1	35
20	Efficacy and tolerability of oral oxycodone and oxycodone/naloxone combination in opioid-naïve cancer patients: a propensity analysis. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5863.	4.3	34
21	Estimating the Reduction in the Radiation Burden From Nuclear Cardiology Through Use of Stress-Only Imaging in the United States and Worldwide. <i>JAMA Internal Medicine</i> , 2016, 176, 269.	5.1	34
22	A retrospective multicenter study on long-term prevalence of chronic pain after cardiac surgery. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 768-774.	1.5	31
23	Multiparametric approach to diagnosis of non-Q-wave acute myocardial infarction. <i>American Journal of Cardiology</i> , 1989, 63, 404-408.	1.6	30
24	Comparative analysis of cadmium-zinc-telluride cameras dedicated to myocardial perfusion SPECT: A phantom study. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 885-893.	2.1	30
25	Conditional Cardiovascular Response to Growth Hormone Therapy in Adult Patients with Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1364-1371.	3.6	29
26	Nuclear cardiology practice and associated radiation doses in Europe: results of the IAEA Nuclear Cardiology Protocols Study (INCAPS) for the 27 European countries. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 718-728.	6.4	29
27	Efficacy and Gastrointestinal Tolerability of Oral Oxycodone/Naloxone Combination for Chronic Pain in Outpatients With Cancer. <i>American Journal of Hospice and Palliative Medicine</i> , 2014, 31, 867-876.	1.4	27
28	Does the myocardium become "stunned" after episodes of angina at rest, angina on effort, and coronary angioplasty?. <i>American Journal of Cardiology</i> , 1993, 71, 1045-1051.	1.6	26
29	Prolonged-Release Oxycodone/Naloxone in Nonmalignant Pain: Single-Center Study in Patients with Constipation. <i>Advances in Therapy</i> , 2013, 30, 41-59.	2.9	26
30	Assessment of cardiac asynchrony by radionuclide phase analysis: Correlation with ventricular function in patients with narrow or prolonged QRS interval. <i>European Journal of Heart Failure</i> , 2007, 9, 484-490.	7.1	25
31	Residual exertional ischemia and unfavorable left ventricular remodeling in patients with systolic dysfunction after anterior myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1995, 25, 1539-1546.	2.8	21
32	High dose dipyridamole myocardial imaging: simultaneous sestamibi scintigraphy and two-dimensional echocardiography in the detection and evaluation of coronary artery disease. <i>Coronary Artery Disease</i> , 1999, 10, 177-184.	0.7	20
33	Temporal evolution of administered activity in cardiac gated SPECT and patients' effective dose: analysis of an historical series. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 325-330.	6.4	20
34	Efficacy and tolerability of low-dose oral prolonged-release oxycodone/naloxone for chronic nononcological pain in older patients. <i>Clinical Interventions in Aging</i> , 2015, 10, 1.	2.9	19
35	Comparison of Radiation Doses and Best-Practice Use for Myocardial Perfusion Imaging in US and Non-US Laboratories. <i>JAMA Internal Medicine</i> , 2016, 176, 266.	5.1	19
36	Functional capacity assessment and Minimal Clinically Important Difference in post-acute cardiac patients: the role of Short Physical Performance Battery. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1008-1014.	1.8	18

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37	Ischemic Burden in Silent and Painful Myocardial Ischemia: A Quantitative Exercise Sestamibi Tomographic Study. <i>Journal of the American College of Cardiology</i> , 1997, 29, 948-954.	2.8	17
38	Intracoronary ST segment evolution during primary coronary stenting predicts infarct zone recovery. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 64, 53-60.	1.7	16
39	Differences in polar-map patterns using the novel technologies for myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1626-1636.	2.1	16
40	Behavior of right and left ventricles during episodes of variant angina in relation to the site of coronary vasospasm.. <i>Circulation</i> , 1990, 81, 567-577.	1.6	15
41	Technetium-99m sestamibi tomographic evaluation of residual ischemia after anterior myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1995, 25, 590-596.	2.8	14
42	Independent and Incremental Prognostic Value of ²⁰¹ Tl Lung Uptake at Rest in Patients With Severe Postischemic Left Ventricular Dysfunction. <i>Circulation</i> , 2000, 102, 1795-1801.	1.6	14
43	Applicability of the appropriate use criteria for SPECT myocardial perfusion imaging in Italy: preliminary results. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1695-1700.	6.4	14
44	Long-term Echocardiographic and Cardioscintigraphic Effects of Growth Hormone Treatment in Adults With Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2106-2114.	3.6	14
45	Five-year hospitalisations and survival in patients admitted to inpatient cardiac rehabilitation after cardiac surgery. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1609-1617.	1.8	14
46	Opportunities for improvement on current nuclear cardiology practices and radiation exposure in Latin America: Findings from the 65-country IAEA Nuclear Cardiology Protocols cross-sectional Study (INCAPS). <i>Journal of Nuclear Cardiology</i> , 2017, 24, 851-859.	2.1	14
47	Clinical outcomes, pharmacological treatment, and quality of life of patients with stable coronary artery diseases managed by cardiologists: 1-year results of the START study. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 334-342.	4.0	14
48	Thallium-201 redistribution after early reinjection in patients with severe stress perfusion defects and ventricular dysfunction. <i>American Heart Journal</i> , 1994, 128, 41-52.	2.7	13
49	¹²³ I-MIBG thyroid uptake: Implications for MIBG imaging of the heart. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 1335-1339.	2.1	13
50	The clinical usefulness of electrocardiogram-gated Tc-99 m methoxy-isobutyl-isonitrile images in the detection of basal wall motion abnormalities and reversibility of stress induced perfusion defects. <i>International Journal of Cardiovascular Imaging</i> , 1992, 8, 131-141.	0.6	12
51	Analgesic effectiveness and tolerability of oral oxycodone/naloxone and pregabalin in patients with lung cancer and neuropathic pain: an observational analysis. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 4043-4052.	2.0	12
52	Effectiveness and tolerability of low-dose oral oxycodone/naloxone added to anticonvulsant therapy for noncancer neuropathic pain: an observational analysis. <i>Current Medical Research and Opinion</i> , 2014, 30, 555-564.	1.9	11
53	Low-dose oral prolonged-release oxycodone/naloxone for chronic pain in elderly patients with cognitive impairment: an efficacy–tolerability pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 559.	2.2	10
54	Comparative analysis of iterative reconstruction algorithms with resolution recovery and new solid state cameras dedicated to myocardial perfusion imaging. <i>Physica Medica</i> , 2017, 41, 109-116.	0.7	10

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55	Prediction of reversible perfusion defects by quantitative analysis of post-exercise electrocardiogram-gated acquisition of technetium-99m 2-methoxyisobutylisonitrile myocardial perfusion scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1992, 19, 796-9.	2.1	9
56	The regulatory background of nuclear cardiology in Europe: a survey by the European Council of Nuclear Cardiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 1508-1512.	6.4	9
57	Switching to low-dose oral prolonged-release oxycodone/naloxone from WHO-Step I drugs in elderly patients with chronic pain at high risk of early opioid discontinuation. <i>Clinical Interventions in Aging</i> , 2016, 11, 641.	2.9	9
58	Low-dose modified-release prednisone in axial spondyloarthritis: 3-month efficacy and tolerability. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3717-3724.	4.3	9
59	High dosage of a fixed combination oxycodone/naloxone prolonged release: efficacy and tolerability in patients with chronic cancer pain. <i>Supportive Care in Cancer</i> , 2017, 25, 3051-3058.	2.2	9
60	Intracoronary electrocardiogram ST segment shift evaluation during intravenous adenosine infusion: A comparison with fractional flow reserve. <i>Cardiology Journal</i> , 2011, 18, 662-667.	1.2	9
61	Nuclear Cardiology Practice in Asia: Analysis of Radiation Exposure and Best Practice for Myocardial Perfusion Imaging—Results From the IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS). <i>Circulation Journal</i> , 2017, 81, 501-510.	1.6	8
62	CMR versus SPECT for diagnosis of coronary heart disease. <i>Lancet, The</i> , 2012, 379, 2145.	13.7	7
63	Noninvasive Quantitative Assessment of Segmental Myocardial Wall Motion Using Technetium-99m 2-Methoxy-Isobutyl-Isonitrile Scintigraphy. <i>American Journal of Noninvasive Cardiology</i> , 1990, 4, 22-28.	0.1	6
64	Electrocardiographic evolution after Q-wave anterior myocardial infarction: Correlations between QRS score and changes in left ventricular perfusion and function. <i>Journal of Nuclear Cardiology</i> , 2001, 8, 561-567.	2.1	6
65	Differential systolic and diastolic effects of β^2 -adrenergic stimulation in patients with severe left ventricular dysfunction: A radionuclide ventriculographic study. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 46-50.	2.1	6
66	Alcohol, Pain, and Opioids. <i>Annals of Pharmacotherapy</i> , 2014, 48, 1531-1532.	1.9	6
67	Advances in image reconstruction software in nuclear cardiology: Is all that glitters gold?. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 142-144.	2.1	6
68	Greater functional improvement in patients with diabetes after rehabilitation following cardiac surgery. <i>Diabetic Medicine</i> , 2016, 33, 1067-1075.	2.3	5
69	Nuclear Cardiology Practices and Radiation Exposure in the Oceania Region: Results From the IAEA Nuclear Cardiology Protocols Study (INCAPS). <i>Heart Lung and Circulation</i> , 2017, 26, 25-34.	0.4	5
70	Comparative analysis of iterative reconstruction algorithms with resolution recovery and time of flight modeling for ^{18}F -FDG cardiac PET: A multi-center phantom study. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1036-1045.	2.1	4
71	Impact of imaging protocol on left ventricular ejection fraction using gated-SPECT myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1292-1301.	2.1	4
72	Beneficial effects of coronary revascularization in patients with ischaemic left ventricular dysfunction with and without anginal symptoms. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2002, 1, 9-15.	1.1	3

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73	Disability after cardiac surgery is the major predictor of infections occurring in the rehabilitation phase. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 584-592.	1.8	3
74	Clinical significance of 99mTc-MIBI uptake defects at rest in noninfarcted male patients. <i>Journal of the American College of Cardiology</i> , 1991, 17, A251.	2.8	2
75	ECG-manifest and ECG-silent dipyridamole technetium-99m sestamibi SPET perfusion defects in patients with ischaemic heart disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 160-169.	2.1	2
76	Evaluation of regional myocardial systolic and diastolic function using ECG-gated Sestamibi scintigraphy. <i>International Journal of Cardiovascular Imaging</i> , 1993, 9, 49-55.	0.6	1
77	Heterogeneous fate of perfusion and contraction after anterior wall acute myocardial infarction and effects on left ventricular remodeling. <i>American Journal of Cardiology</i> , 1998, 82, 1457-1462.	1.6	1
78	Myocardial Ischemia and Occult Coronary Artery Disease. <i>Circulation</i> , 1999, 99, 1774-1774.	1.6	1
79	Radiation Dose Reduction from Radionuclide Myocardial Perfusion Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2016, 9, 1.	0.6	1
80	Impact of age on the selection of nuclear cardiology stress protocols: The INCAPS (IAEA nuclear) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 4	1.7	1
81	Neuronal damage and abnormal contraction: Is the circle of synchronicity complete?. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 880-882.	2.1	1
82	Multi-peak multi-isotopes myocardial SPECT: It's easier said than done. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 751-754.	2.1	1
83	Characterization of non-Q wave infarction by radioisotopic methods. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1986, 12, S51-S53.	2.1	0
84	Dobutamine stress echocardiography.. <i>Circulation</i> , 1994, 89, 1446-1447.	1.6	0
85	Early reinjection of thallium-201 after stress imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 1014-1015.	2.1	0
86	Eventual recovery of regional perfusion after acute myocardial infarction. <i>American Journal of Cardiology</i> , 1997, 80, 109.	1.6	0
87	Electronic nursing record system. Experience in a large cardiac rehabilitation department. , 2008, , .		0
88	Performance of a new iterative reconstruction algorithm for cardiac short-time single photon emission computed tomography: Preliminary results in an anthropomorphic cardiac phantom study. , 2008, , .		0
89	OP0206...Efficacy of modified-release prednisone in patients with rheumatoid arthritis (RA) chronically treated with standard glucocorticoids: An italian multicenter survey.. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 125.1-125.	0.9	0
90	1515 Oxycodone/Naloxone vs. Oxycodone prolonged-release in moderate to severe chronic cancer pain: A propensity analysis comparison. <i>European Journal of Cancer</i> , 2015, 51, S209.	2.8	0

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91	A retrospective multicenter study on long-term prevalence of chronic pain after cardiac surgery. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 857.	1.5	0
92	Uncontrolled risk factors and worsening perfusion pattern on SPECT myocardial perfusion imaging in medically treated patients with stable chronic ischaemic heart disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1513-1521.	6.4	0
93	Integrated care of chronic degenerative non-communicable diseases and rehabilitation: the odd couple?. <i>Monaldi Archives for Chest Disease</i> , 2017, 87, 818.	0.6	0
94	Appropriateness and Budget Limitations: Effects on the Use of Cardiac Imaging Techniques. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1.	0.6	0
95	Dual-isotope cardiac SPECT: the Twin Peaks Saga in nuclear cardiology. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1705-1707.	2.1	0
96	The never-ending story of cardiac biomarkers: A further step toward a very early detection of ischemic patients?. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1684-1687.	2.1	0
97	Long-term Reproducibility of Residual Ischemia in Stable Patients After Anterior Q-Wave Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 1998, 31, 260A.	2.8	0
98	Selection of patients from Pulmonary Rehabilitation (PR) to Disease Management (DM) programmes. , 2017, , .		0
99	Validation of a protocol for airway clearance in patients with ineffective cough. , 2019, , .		0