

Riccardo Liga

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,283
citations

361296

20
h-index

434063

31
g-index

89
all docs

89
docs citations

89
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicentre multi-device hybrid imaging study of coronary artery disease: results from the EVINCI (EValuation of INtegrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 951-960.	0.5	95
2	Absolute myocardial blood flows derived by dynamic CZT scan vs invasive fractional flow reserve: Correlation and accuracy. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 249-259.	1.4	67
3	Structural Abnormalities of the Coronary Arterial Wall "in Addition to Luminal Narrowing" Affect Myocardial Blood Flow Reserve. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1704-1712.	2.8	48
4	MR-based attenuation correction for cardiac FDG PET on a hybrid PET/MRI scanner: comparison with standard CT attenuation correction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1574-1580.	3.3	48
5	Left ventricular reverse remodelling predicts long-term outcomes in patients with functional mitral regurgitation undergoing MitraClip therapy: results from a multicentre registry. <i>European Journal of Heart Failure</i> , 2019, 21, 196-204.	2.9	47
6	Assessment of myocardial adrenergic innervation with a solid-state dedicated cardiac cadmium-zinc-telluride camera: first clinical experience. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 575-585.	0.5	46
7	Effect of Coronary Atherosclerosis and Myocardial Ischemia on Plasma Levels of High-Sensitivity Troponin T and NT-proBNP in Patients With Stable Angina. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 757-764.	1.1	42
8	Anatomical and functional coronary imaging to predict long-term outcome in patients with suspected coronary artery disease: the EVINCI-outcome study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1273-1282.	0.5	40
9	Accuracy of myocardial perfusion imaging in detecting multivessel coronary artery disease: A cardiac CZT study. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 687-695.	1.4	33
10	Association between left ventricular regional sympathetic denervation and mechanical dyssynchrony in phase analysis: a cardiac CZT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 946-955.	3.3	32
11	The diagnostic value of SPECT CZT quantitative myocardial blood flow in high-risk patients. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1051-1063.	1.4	29
12	Myocardial β -adrenoceptor down-regulation early after infarction is associated with long-term incidence of congestive heart failure. <i>European Heart Journal</i> , 2010, 31, 1722-1729.	1.0	28
13	Noninvasive CT-based hemodynamic assessment of coronary lesions derived from fast computational analysis: a comparison against fractional flow reserve. <i>European Radiology</i> , 2019, 29, 2117-2126.	2.3	28
14	Diastolic dysfunction assessed by ultra-fast cadmium-zinc-telluride cardiac imaging: impact on the evaluation of ischaemia. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 68-73.	0.5	26
15	Identification of cardiac organ damage in arterial hypertension: insights by echocardiography for a comprehensive assessment. <i>Journal of Hypertension</i> , 2020, 38, 588-598.	0.3	26
16	Triglycerides and low HDL cholesterol predict coronary heart disease risk in patients with stable angina. <i>Scientific Reports</i> , 2021, 11, 20714.	1.6	26
17	Nicotine Addiction and Coronary Artery Disease: Impact of Cessation Interventions. <i>Current Pharmaceutical Design</i> , 2010, 16, 2586-2597.	0.9	25
18	Evaluation of left ventricular diastolic function with a dedicated cadmium-zinc-telluride cardiac camera: comparison with Doppler echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 972-979.	0.5	25

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19	When should cardiovascular prevention begin? The importance of antenatal, perinatal and primordial prevention. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 361-369.	0.8	24
20	Regional heterogeneity in cardiac sympathetic innervation in acute myocardial infarction: relationship with myocardial oedema on magnetic resonance. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1692-1694.	3.3	22
21	Evolution, Predictors, and Neurocognitive Effects of Silent Cerebral Embolism During Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1291-1300.	1.1	22
22	A fast and effective method to assess myocardial hyperemia in acute myocarditis by magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 629-637.	0.7	21
23	Long-term prognostic performance of low-dose coronary computed tomography angiography with prospective electrocardiogram triggering. <i>European Radiology</i> , 2017, 27, 4650-4660.	2.3	21
24	Relationships between left ventricular sympathetic innervation and diastolic dysfunction: the role of myocardial innervation/perfusion mismatch. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1101-1109.	1.4	21
25	Left ventricular eccentricity index measured with SPECT myocardial perfusion imaging: An additional parameter of adverse cardiac remodeling. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 71-79.	1.4	21
26	Tâˆ’786â†’C polymorphism of the endothelial nitric oxide synthase gene is associated with insulin resistance in patients with ischemic or non ischemic cardiomyopathy. <i>BMC Medical Genetics</i> , 2012, 13, 92.	2.1	20
27	Determinants of left ventricular mechanical dyssynchrony in patients submitted to myocardial perfusion imaging: A cardiac CZT study. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 728-736.	1.4	20
28	Interactions between myocardial sympathetic denervation and left ventricular mechanical dyssynchrony: A CZT analysis. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 509-518.	1.4	19
29	The role of myocardial innervation imaging in different clinical scenarios: an expert document of the European Association of Cardiovascular Imaging and Cardiovascular Committee of the European Association of Nuclear Medicine. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 480-490.	0.5	19
30	Characterization of functionally significant coronary artery disease by a coronary computed tomography angiography-based index: a comparison with positron emission tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 897-905.	0.5	18
31	Relationships between cardiac innervation/perfusion imbalance and ventricular arrhythmias: impact on invasive electrophysiological parameters and ablation procedures. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2383-2391.	3.3	17
32	Myocardial ischemia in the absence of obstructive coronary lesion: The role of post-stress diastolic dysfunction in detecting early coronary atherosclerosis. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1542-1550.	1.4	17
33	Relationships between myocardial perfusion abnormalities and poststress left ventricular functional impairment on cadmium-zinc-telluride imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 994-1003.	3.3	16
34	Head-to-head comparison of a CZT-based all-purpose SPECT camera and a dedicated CZT cardiac device for myocardial perfusion and functional analysis. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1323-1330.	1.4	16
35	Prognostic Role of Dynamic CZT Imaging in CAD Patients. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 540-542.	2.3	15
36	Influence of cardiac stress protocol on myocardial perfusion imaging accuracy: The role of exercise level on the evaluation of ischemic burden. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 1114-1122.	1.4	14

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37	Evaluation of left ventricular mass on cadmium-zinc-telluride imaging: Validation against cardiac magnetic resonance. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 899-905.	1.4	13
38	Relationship of Endothelial Shear Stress with Plaque Features with Coronary CT Angiography and Vasodilating Capability with PET. <i>Radiology</i> , 2021, 300, 549-556.	3.6	13
39	Real-time respiratory triggered SPECT myocardial perfusion imaging using CZT technology: impact of respiratory phase matching between SPECT and low-dose CT for attenuation correction. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 31-38.	0.5	12
40	Quantification of epicardial and intrathoracic fat volume does not provide an added prognostic value as an adjunct to coronary artery calcium score and myocardial perfusion single-photon emission computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 885-891.	0.5	11
41	Sex-related differences in ventricular remodeling after myocardial infarction. <i>International Journal of Cardiology</i> , 2021, 339, 62-69.	0.8	11
42	Insulin resistance is a major determinant of myocardial blood flow impairment in anginal patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1905-1913.	3.3	10
43	Evaluation of ischaemia in patients with atrial fibrillation: impact of stress protocol on myocardial perfusion imaging accuracy. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 781-787.	0.5	10
44	Appropriate choice of stress modality in patients undergoing myocardial perfusion scintigraphy with a cardiac camera equipped with solid-state detectors: the role of diabetes mellitus. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1268-1275.	0.5	10
45	Stress-induced alteration of left ventricular eccentricity: An additional marker of multivessel CAD. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 227-232.	1.4	10
46	Predictors of ventricular ablationâ€™s success: Viability, innervation, or mismatch?. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 175-183.	1.4	10
47	OUP accepted manuscript. <i>European Heart Journal</i> , 2021, , .	1.0	9
48	Abnormal glucose and lipid control in non-ischemic left ventricular dysfunction. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 1182-1189.	1.4	8
49	Magnetic Resonance Imaging Correlates of Left Bundle Branch Disease in Patients With Nonischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2018, 121, 370-376.	0.7	8
50	Absolute Myocardial Blood Flow in Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1709-1711.	2.3	7
51	Appropriate use criteria in clinical routine practice: implications in a nuclear cardiology lab. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1003-1009.	0.7	6
52	Association of left bundle branch block with obstructive coronary artery disease on coronary CT angiography: a caseâ€™control study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 765-771.	0.5	6
53	Automatic evaluation of myocardial perfusion on SPECT: Need for â€™Normalityâ€™. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 786-789.	1.4	6
54	Chronotropic response to vasodilator-stress in patients submitted to myocardial perfusion imaging: impact on the accuracy in detecting coronary stenosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1903-1911.	3.3	5

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55	Effects of levosimendan in patients with severe functional mitral regurgitation undergoing MitraClip implantation. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 679-686.	0.6	5
56	Emerging F-18-Labelled PET Myocardial Perfusion Tracers. <i>Current Cardiology Reports</i> , 2020, 22, 116.	1.3	5
57	Resistant hypertension: an overview. <i>Minerva Cardiology and Angiology</i> , 2018, 66, 337-348.	0.4	5
58	Relationship between myocardial perfusion abnormalities and contractile impairment in anginal patients. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 1181-1190.	1.4	4
59	Neuro-cardiac imaging has a proven value in patient management: Con. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1583-1587.	1.4	4
60	Imaging the heart's brain: Simultaneous innervation/perfusion analysis in the era of new CZT cameras. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1374-1377.	1.4	4
61	Cardiac sympathetic dysfunction in left ventricular hypertrophy caused by arterial hypertension and degenerative aortic stenosis. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 337-347.	1.4	4
62	Clinical applications of multimodality cardiac imaging. <i>Clinical and Translational Imaging</i> , 2013, 1, 297-304.	1.1	3
63	Interactions Between Reciprocal ST-Segment Downsloping During ST-Elevated Myocardial Infarction and Global Cardiac Perfusion and Functional Abnormalities. <i>American Journal of Cardiology</i> , 2017, 119, 1902-1908.	0.7	3
64	Elderly patients with non-ST-elevation acute coronary syndromes: a call for action. <i>Heart</i> , 2017, 103, heartjnl-2017-311694.	1.2	3
65	Dynamic ultrafast CZT imaging: Time for a paradigm change in myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2530-2532.	1.4	3
66	Antithrombotic Therapy for Peripheral Revascularisation. <i>Current Vascular Pharmacology</i> , 2020, 18, 223-236.	0.8	3
67	Translational cardiovascular imaging: A new integrated approach to target myocardial fibrosis turnover in different forms of cardiac remodeling. <i>Journal of Cardiovascular Echography</i> , 2017, 27, 30.	0.1	3
68	Myocardial ischemia without obstructive CAD: there is more than meets the eye!. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1770-1773.	1.4	2
69	MPI in the era of CZT cameras: Absolute numbers are still better than relative figures. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1085-1088.	1.4	2
70	Multi-Modality Imaging for the Identification of Arrhythmogenic Substrates Prior to Electrophysiology Studies. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 640087.	1.1	2
71	Association of Circulating Heme Oxygenase-1, Lipid Profile and Coronary Disease Phenotype in Patients with Chronic Coronary Syndrome. <i>Antioxidants</i> , 2021, 10, 2002.	2.2	2
72	Improving cardiac SPECT accuracy: Old robustness for a new gold standard. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 683-686.	1.4	1

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73	Detection of ischemia with early myocardial perfusion imaging: You see more if you watch before. Journal of Nuclear Cardiology, 2017, 24, 1157-1160.	1.4	1
74	Avoiding cerebrovascular events after TAVI: Need for an integrated approach. International Journal of Cardiology, 2017, 244, 128-129.	0.8	1
75	Myocardial 123I-metaiodobenzylguanidine imaging in hypertension and left ventricular hypertrophy. Journal of Nuclear Cardiology, 2018, 25, 461-470.	1.4	1
76	Revascularization of ischaemic myocardium: still valuable in patients with stable CAD?. European Heart Journal Cardiovascular Imaging, 2020, 21, 971-972.	0.5	1
77	Coronary Revascularization in Patients With Stable Coronary Artery Disease: The Role of Imaging. Frontiers in Cardiovascular Medicine, 2021, 8, 716832.	1.1	1
78	Relationships between myocardial perfusion abnormalities and integrated indices of atherosclerotic burden: clinical impact of combined anatomic-functional evaluation. Russian Open Medical Journal, 2020, 9, .	0.1	1
79	Coronary Atherosclerosis and Quantitative Myocardial Perfusion: A Relationship Beyond Stenosis. Journal of the American College of Cardiology, 2012, 59, 1407-1408.	1.2	0
80	Evaluation of myocardial sympathetic innervation in the 21st century: Is there a role for planar 123I-MIBG imaging?. Journal of Nuclear Cardiology, 2017, 24, 1737-1740.	1.4	0
81	â€œBrainstormâ€™™ at EACVI. European Heart Journal, 2017, 38, 381-383.	1.0	0
82	Comparative accuracy of myocardial perfusion imaging: The final answer has yet to come. International Journal of Cardiology, 2019, 293, 286-287.	0.8	0
83	Stress Protocol and Myocardial Perfusion Imaging Accuracy. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.4	0
84	Evaluation of the arrhythmic risk in the 21st century: is multi-tracer nuclear imaging the answer?. International Journal of Cardiology, 2020, 301, 119-120.	0.8	0
85	Antiplatelet therapy in patients with acute coronary syndromes and thrombocytopenia: awaiting for evidence. European Heart Journal - Case Reports, 2021, 5, ytaa577.	0.3	0
86	Evaluation of dyssynchrony with nuclear cardiac imaging: New evidence for an old parameter. Journal of Nuclear Cardiology, 2022, 29, 1254-1256.	1.4	0
87	The Evolving Role of Multimodality Imaging in Heart Failure. , 2016, , 183-204.		0
88	Basic principles and technological state of the art: SPECT. , 2018, , .		0