

Andrea Annoni

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,951
citations

218677

26
h-index

276875

41
g-index

84
all docs

84
docs citations

84
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Changing Paradigms in the Diagnosis of Ischemic Heart Disease by Multimodality Imaging. <i>Journal of Clinical Medicine</i> , 2022, 11, 477.	2.4	11
2	Diagnostic performance of deep learning algorithm for analysis of computed tomography myocardial perfusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3119-3128.	6.4	10
3	Plaque assessment by coronary CT angiography may predict cardiac events in high risk and very high risk diabetic patients: A long-term follow-up study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 586-595.	2.6	2
4	Computed tomography predictors of structural valve degeneration in patients undergoing transcatheter aortic valve implantation with balloon-expandable prostheses. <i>European Radiology</i> , 2022, 32, 6017-6027.	4.5	6
5	Quantitative Evaluation of COVID-19 Pneumonia Lung Extension by Specific Software and Correlation with Patient Clinical Outcome. <i>Diagnostics</i> , 2021, 11, 265.	2.6	6
6	Feasibility of late gadolinium enhancement (LGE) in ischemic cardiomyopathy using 2D-multisegment LGE combined with artificial intelligence reconstruction deep learning noise reduction algorithm. <i>International Journal of Cardiology</i> , 2021, 343, 164-170.	1.7	17
7	The Potential Role of Cardiac CT in the Evaluation of Patients With Known or Suspected Cardiomyopathy: From Traditional Indications to Novel Clinical Applications. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 709124.	2.4	10
8	Additional diagnostic value of cardiac magnetic resonance feature tracking in patients with biopsy-proven arrhythmogenic cardiomyopathy. <i>International Journal of Cardiology</i> , 2021, 339, 203-210.	1.7	8
9	State of the art paper: Cardiovascular CT for planning ventricular tachycardia ablation procedures. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 394-402.	1.3	13
10	Cardiac Care of Non-COVID-19 Patients During the SARS-CoV-2 Pandemic: The Pivotal Role of CCTA. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775115.	2.4	0
11	Plaque quantification by coronary computed tomography angiography using intravascular ultrasound as a reference standard: a comparison between standard and last generation computed tomography scanners. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 191-201.	1.2	26
12	A Morphological and Quantitative Analysis of Lung CT Scan in Patients With Acute Respiratory Distress Syndrome and in Cardiogenic Pulmonary Edema. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 284-292.	2.8	14
13	State-of-the-art-myocardial perfusion stress testing: Static CT perfusion. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 294-302.	1.3	10
14	CT Perfusion Versus Coronary CT Angiography in Patients With Suspected In-Stent Restenosis or CAD Progression. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 732-742.	5.3	35
15	Interpretability of coronary CT angiography performed with a novel whole-heart coverage high-definition CT scanner in 300 consecutive patients with coronary artery bypass grafts. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 137-143.	1.3	24
16	Image Quality and Reliability of a Novel Dark-Blood Late Gadolinium Enhancement Sequence in Ischemic Cardiomyopathy. <i>Journal of Thoracic Imaging</i> , 2020, 35, 326-333.	1.5	7
17	Reliability of single breath hold three-dimensional cine kat-ARC for the assessment of biventricular dimensions and function. <i>European Journal of Radiology</i> , 2020, 124, 108820.	2.6	4
18	Diagnostic Accuracy of Single-shot 2-Dimensional Multisegment Late Gadolinium Enhancement in Ischemic and Nonischemic Cardiomyopathy. <i>Journal of Thoracic Imaging</i> , 2020, 35, 56-63.	1.5	9

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19	Rationale and design of the EPLURIBUS Study (Evidence for a comprehensive evaluation of left) Tj ETQq1 1 0.784314 rgBT /Overlock Cardiovascular Medicine, 2020, 21, 812-819.	1.5	4
20	Role of CMR Mapping Techniques in Cardiac Hypertrophic Phenotype. Diagnostics, 2020, 10, 770.	2.6	19
21	Low-Dose Coronary CT Angiography in Patients with Atrial Fibrillation: Comparison of Image Quality and Radiation Exposure with Two Different Approaches. Academic Radiology, 2019, 26, 791-797.	2.5	0
22	Multimodality imaging of left atrium in patients with atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2019, 13, 340-346.	1.3	36
23	Diagnostic accuracy of coronary CT angiography performed in 100 consecutive patients with coronary stents using a whole-organ high-definition CT scanner. International Journal of Cardiology, 2019, 274, 382-387.	1.7	23
24	Submillisievert CT angiography for carotid arteries using wide array CT scanner and latest iterative reconstruction algorithm in comparison with previous generations technologies: Feasibility and diagnostic accuracy. Journal of Cardiovascular Computed Tomography, 2019, 13, 41-47.	1.3	8
25	Diagnostic performance of coronary CT angiography carried out with a novel whole-heart coverage high-definition CT scanner in patients with high heart rate. International Journal of Cardiology, 2018, 257, 325-331.	1.7	23
26	Image Quality, Overall Evaluability, and Effective Radiation Dose of Coronary Computed Tomography Angiography With Prospective Electrocardiographic Triggering Plus Intracycle Motion Correction Algorithm in Patients With a Heart Rate Over 65 Beats Per Minute. Journal of Thoracic Imaging, 2018, 33, 225-231.	1.5	12
27	Undiagnosed mitroflow bioprosthesis deformation causing early structural valve deterioration. General Thoracic and Cardiovascular Surgery, 2018, 66, 543-545.	0.9	1
28	Impact of a New Adaptive Statistical Iterative Reconstruction (ASIR)-V Algorithm on Image Quality in Coronary Computed Tomography Angiography. Academic Radiology, 2018, 25, 1305-1313.	2.5	18
29	D-dimer is associated with arterial and venous coronary artery bypass graft occlusion. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 200-207.e3.	0.8	7
30	Image quality and radiation dose of coronary CT angiography performed with whole-heart coverage CT scanner with intra-cycle motion correction algorithm in patients with atrial fibrillation. European Radiology, 2018, 28, 1383-1392.	4.5	46
31	Technological Advancements in Echocardiographic Assessment of Thoracic Aortic Dilatation. Journal of Thoracic Imaging, 2018, 33, 232-239.	1.5	9
32	Late thrombosis of a Transcatheter aortic valve: the border between a proactive and reactive management. Journal of Cardiothoracic Surgery, 2018, 13, 126.	1.1	1
33	Lower limb ischemia management in acute Stanford type A aortic dissection. Journal of Cardiovascular Surgery, 2018, 59, 297-299.	0.6	0
34	CT angiography prior to TAVI procedure using third-generation scanner with wide volume coverage: feasibility, renal safety and diagnostic accuracy for coronary tree. British Journal of Radiology, 2018, 91, 20180196.	2.2	40
35	Rationale and design of advantage (additional diagnostic value of CT perfusion over coronary CT) Tj ETQq1 1 0.784314 rgBT /Overlock 1.3	1.3	9
36	Evaluation of coronary plaque characteristics with coronary computed tomography angiography in patients with non-obstructive coronary artery disease: a long-term follow-up study. European Heart Journal Cardiovascular Imaging, 2017, 18, jew200.	1.2	65

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37	Atrial Fibrillation: Diagnostic Accuracy of Coronary CT Angiography Performed with a Whole-Heart 230-Åµm Spatial Resolution CT Scanner. <i>Radiology</i> , 2017, 284, 676-684.	7.3	46
38	Overall evaluability of low dose protocol for computed tomography angiography of thoracic aorta using 80Å<scp>kV</scp> and iterative reconstruction algorithm using different concentration contrast media. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 614-621.	1.8	7
39	Pseudoaneurysm of the left ventricular outflow tract after cardiac surgery. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 749-750.	1.5	1
40	Prognostic Stratification of Patients With ST-Segmentâ€“Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	48
41	Left atrium and pulmonary vein imaging using sub-millisiviert cardiac computed tomography: Impact on radiofrequency catheter ablation cumulative radiation exposure and outcome in atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2017, 228, 805-811.	1.7	2
42	Undiagnosed Stanford type A aortic dissection: a rare survival report. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 659-660.	1.5	1
43	The New Frontier of Cardiac Computed Tomography Angiography: Fractional Flow Reserve and Stress Myocardial Perfusion. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2016, 18, 74.	0.9	14
44	The STRATEGY Study (Stress Cardiac Magnetic Resonance Versus Computed Tomography Coronary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Cardiovascular Imaging, 2016, 9, .	2.6	46
45	Coronary CT angiography with 80ÅkV tube voltage and low iodine concentration contrast agent in patients with low body weight. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 322-326.	1.3	28
46	Impact of an intra-cycle motion correction algorithm on overall evaluability and diagnostic accuracy of computed tomography coronary angiography. <i>European Radiology</i> , 2016, 26, 147-156.	4.5	34
47	Diagnostic Accuracy of Rapid Kilovolt Peakâ€“Switching Dual-Energy CT Coronary Angiography in Patients With a High CalciumÅScore. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 746-748.	5.3	23
48	Ultra-low-dose CT for left atrium and pulmonary veins imaging using new model-based iterative reconstruction algorithm. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1366-1373.	1.2	22
49	Low-dose CT coronary angiography with a novel IntraCycle motion-correction algorithm in patients with high heart rate or heart rate variability. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1093-1100.	1.2	34
50	Comparison of cardiac computed tomography versus cardiac magnetic resonance for characterization of left atrium anatomy before radiofrequency catheter ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 179, 114-121.	1.7	17
51	Ruptured unknown Stanford Type A aortic dissection with huge mediastinic emathoma mimicking pulmonary embolism. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 710-710.	1.2	1
52	Commentary: Drug-Coated Balloons for Treatment of Carotid In-Stent Restenosis: Did We Find the Ace of Hearts?. <i>Journal of Endovascular Therapy</i> , 2014, 21, 678-682.	1.5	3
53	Coronary Artery Disease: Diagnostic Accuracy of CT Coronary Angiographyâ€“A Comparison of High and Standard Spatial Resolution Scanning. <i>Radiology</i> , 2014, 271, 688-694.	7.3	78
54	Coronary stent evaluation with coronary computed tomographic angiography: Comparison between low-osmolar, high-iodine concentration iomeprol-400 and iso-osmolar, lower-iodine concentration iodixanol-320. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 44-51.	1.3	14

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55	Prognostic Value of Coronary CTA in Coronary Bypass Patients. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 580-589.	5.3	34
56	Diagnostic accuracy of multidetector computed tomography coronary angiography in 325 consecutive patients referred for transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2014, 168, 332-339.	2.7	66
57	A Long-Term Prognostic Value of CT Angiography and Exercise ECG in Patients With Suspected CAD. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 641-650.	5.3	42
58	Comparison of Accuracy of Aortic Root Annulus Assessment With Cardiac Magnetic Resonance Versus Echocardiography and Multidetector Computed Tomography in Patients Referred for Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2013, 112, 1790-1799.	1.6	42
59	Forearm large hematoma following transulnar artery cardiac catheterization. <i>Journal of Vascular Surgery</i> , 2013, 58, 1400-1401.	1.1	4
60	Pre-operative CT coronary angiography in patients with mitral valve prolapse referred for surgical repair: Comparison of accuracy, radiation dose and cost versus invasive coronary angiography. <i>International Journal of Cardiology</i> , 2013, 167, 2889-2894.	1.7	10
61	Asymptomatic struts fracture and multiple embolization as a late complication of ALN removable vena cava filter implantation. <i>European Heart Journal</i> , 2013, 34, 2353-2353.	2.2	8
62	Prognostic Value of Multidetector Computed Tomography Coronary Angiography in Diabetes. <i>Diabetes Care</i> , 2013, 36, 1834-1841.	8.6	34
63	Expanding extrapleural hematoma from rib fractures after cardiac surgery. <i>Asian Cardiovascular and Thoracic Annals</i> , 2013, 21, 366-368.	0.5	0
64	Cumulative radiation exposure during thoracic endovascular aneurysm repair and subsequent follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 254-260.	1.4	34
65	Coronary In-Stent Restenosis: Assessment with CT Coronary Angiography. <i>Radiology</i> , 2012, 265, 410-417.	7.3	45
66	Diagnostic performance of two types of low radiation exposure protocol for prospective ECG-triggering multidetector computed tomography angiography in assessment of coronary artery bypass graft. <i>International Journal of Cardiology</i> , 2012, 157, 63-69.	1.7	20
67	Radiation dose and diagnostic accuracy of multidetector computed tomography for the detection of significant coronary artery stenoses. <i>International Journal of Cardiology</i> , 2012, 160, 155-164.	1.7	24
68	Feasibility and diagnostic accuracy of a low radiation exposure protocol for prospective ECG-triggering coronary MDCT angiography. <i>Clinical Radiology</i> , 2012, 67, 207-215.	1.1	26
69	Aortic annulus area assessment by multidetector computed tomography for predicting paravalvular regurgitation in patients undergoing balloon-expandable transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2012, 164, 576-584.	2.7	40
70	A Long-Term Prognostic Value of Coronary CT Angiography in Suspected Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 690-701.	5.3	167
71	Feasibility and accuracy of a comprehensive multidetector computed tomography acquisition for patients referred for balloon-expandable transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2011, 161, 1106-1113.	2.7	76
72	Comparison between low-dose multidetector computed coronary angiography and myocardial perfusion imaging test in patients with intermediate pre-test likelihood of coronary artery disease. <i>International Journal of Cardiology</i> , 2011, 147, 454-457.	1.7	5

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73	Multidetector computed tomography vs multiplane transesophageal echocardiography in detecting atrial Thrombi in patients candidate to radiofrequency ablation of atrial fibrillation. International Journal of Cardiology, 2011, 152, 251-254.	1.7	18
74	Mycotic Ascending Aortic Pseudoaneurysm following Reduction Aortoplasty. Journal of Cardiac Surgery, 2011, 26, 100-101.	0.7	1
75	High diagnostic accuracy of prospective ECG-gating 64-slice computed tomography coronary angiography for the detection of in-stent restenosis. European Radiology, 2011, 21, 1430-1438.	4.5	25
76	Letter to the Editor regarding: Comparison of dual-source CT angiography and MR angiography in preoperative evaluation of intra- and extracranial vessels: a pilot study. European Radiology, 2010, 20, 2200-2201.	4.5	1
77	Comparison of the diagnostic performance of 64-slice computed tomography coronary angiography in diabetic and non-diabetic patients with suspected coronary artery disease. Cardiovascular Diabetology, 2010, 9, 80.	6.8	20
78	Imaging of cardiac venous system in patients with dilated cardiomyopathy by 64-slice computed tomography: Comparison between non-ischemic and ischemic etiology. International Journal of Cardiology, 2010, 144, 340-343.	1.7	11
79	Additional clinical role of 64-slice multidetector computed tomography in the evaluation of coronary artery variants and anomalies. International Journal of Cardiology, 2010, 145, 388-390.	1.7	23
80	Sixty-Fourâ€“Slice Multidetector Computed Tomography. Circulation: Cardiovascular Imaging, 2009, 2, 199-205.	2.6	44
81	Comparison of Feasibility and Diagnostic Accuracy of 64-Slice Multidetector Computed Tomographic Coronary Angiography Versus Invasive Coronary Angiography Versus Intravascular Ultrasound for Evaluation of In-Stent Restenosis. American Journal of Cardiology, 2009, 103, 1349-1358.	1.6	45
82	Carotid stenting through the right brachial approach for left internal carotid artery stenosis and bovine aortic arch configuration. European Radiology, 2009, 19, 2009-2015.	4.5	20
83	Diagnostic Accuracy of Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2009, 54, 346-355.	2.8	114