

Andrea Annoni

List of Publications by Year in descending order

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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	A Long-Term Prognostic Value of Coronary CT Angiography in Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2012, 5, 690-701.	5.3	167
2	Diagnostic Accuracy of Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2009, 54, 346-355.	2.8	114
3	Coronary Artery Disease: Diagnostic Accuracy of CT Coronary Angiography—A Comparison of High and Standard Spatial Resolution Scanning. Radiology, 2014, 271, 688-694.	7.3	78
4	Feasibility and accuracy of a comprehensive multidetector computed tomography acquisition for patients referred for balloon-expandable transcatheter aortic valve implantation. American Heart Journal, 2011, 161, 1106-1113.	2.7	76
5	Diagnostic accuracy of multidetector computed tomography coronary angiography in 325 consecutive patients referred for transcatheter aortic valve replacement. American Heart Journal, 2014, 168, 332-339.	2.7	66
6	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
7	Prognostic Stratification of Patients With ST-Segment Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	48
8	The STRATEGY Study (Stress Cardiac Magnetic Resonance Versus Computed Tomography Coronary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf s Cardiovascular Imaging, 2016, 9, .	2.6	46
9	Atrial Fibrillation: Diagnostic Accuracy of Coronary CT Angiography Performed with a Whole-Heart 230-Åµm Spatial Resolution CT Scanner. Radiology, 2017, 284, 676-684.	7.3	46
10	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
11	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
12	Coronary In-Stent Restenosis: Assessment with CT Coronary Angiography. Radiology, 2012, 265, 410-417.	7.3	45
13	Sixty-Four-Slice Multidetector Computed Tomography. Circulation: Cardiovascular Imaging, 2009, 2, 199-205.	2.6	44
14	A Long-Term Prognostic Value of CT Angiography and Exercise ECG in Patients With Suspected CAD. JACC: Cardiovascular Imaging, 2013, 6, 641-650.	5.3	42
15	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. American Journal of Cardiology, 2013, 112, 1790-1799.	1.6	42
16	Aortic annulus area assessment by multidetector computed tomography for predicting paravalvular regurgitation in patients undergoing balloon-expandable transcatheter aortic valve implantation. American Heart Journal, 2012, 164, 576-584.	2.7	40
17	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
18	Multimodality imaging of left atrium in patients with atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2019, 13, 340-346.	1.3	36

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19	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
20	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
21	Prognostic Value of Multidetector Computed Tomography Coronary Angiography in Diabetes. <i>Diabetes Care</i> , 2013, 36, 1834-1841.	8.6	34
22	Prognostic Value of Coronary CTA in Coronary Bypass Patients. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 580-589.	5.3	34
23	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
24	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
25	Coronary CT angiography with 80 kV 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
26	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
27	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
28	High diagnostic accuracy of prospective ECG-gating 64-slice computed tomography coronary angiography for the detection of in-stent restenosis. <i>European Radiology</i> , 2011, 21, 1430-1438.	4.5	25
29	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
30	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
31	Additional clinical role of 64-slice multidetector computed tomography in the evaluation of coronary artery variants and anomalies. <i>International Journal of Cardiology</i> , 2010, 145, 388-390.	1.7	23
32	Diagnostic Accuracy of Rapid Kilovolt Peak Switching Dual-Energy CT Coronary Angiography in Patients With a High Calcium Score. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 746-748.	5.3	23
33	Diagnostic performance of coronary CT angiography carried out with a novel whole-heart coverage high-definition CT scanner in patients with high heart rate. <i>International Journal of Cardiology</i> , 2018, 257, 325-331.	1.7	23
34	Diagnostic accuracy of coronary CT angiography performed in 100 consecutive patients with coronary stents using a whole-organ high-definition CT scanner. <i>International Journal of Cardiology</i> , 2019, 274, 382-387.	1.7	23
35	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
36	Carotid stenting through the right brachial approach for left internal carotid artery stenosis and bovine aortic arch configuration. <i>European Radiology</i> , 2009, 19, 2009-2015.	4.5	20

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37	Comparison of the diagnostic performance of 64-slice computed tomography coronary angiography in diabetic and non-diabetic patients with suspected coronary artery disease. <i>Cardiovascular Diabetology</i> , 2010, 9, 80.	6.8	20
38	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
39	Role of CMR Mapping Techniques in Cardiac Hypertrophic Phenotype. <i>Diagnostics</i> , 2020, 10, 770.	2.6	19
40	Multidetector computed tomography vs multiplane transesophageal echocardiography in detecting atrial Thrombi in patients candidate to radiofrequency ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , 2011, 152, 251-254.	1.7	18
41	Impact of a New Adaptive Statistical Iterative Reconstruction (ASIR)-V Algorithm on Image Quality in Coronary Computed Tomography Angiography. <i>Academic Radiology</i> , 2018, 25, 1305-1313.	2.5	18
42	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
43	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
44	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
45	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
46	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
47	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
48	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. <i>Journal of Thoracic Imaging</i> , 2018, 33, 225-231.	1.5	12
49	Imaging of cardiac venous system in patients with dilated cardiomyopathy by 64-slice computed tomography: Comparison between non-ischemic and ischemic etiology. <i>International Journal of Cardiology</i> , 2010, 144, 340-343.	1.7	11
50	Changing Paradigms in the Diagnosis of Ischemic Heart Disease by Multimodality Imaging. <i>Journal of Clinical Medicine</i> , 2022, 11, 477.	2.4	11
51	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
52	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
53	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
54	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

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55	Technological Advancements in Echocardiographic Assessment of Thoracic Aortic Dilatation. Journal of Thoracic Imaging, 2018, 33, 232-239.	1.5	9
56	Rationale and design of advantage (additional diagnostic value of CT perfusion over coronary CT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.3	9
57	Diagnostic Accuracy of Single-shot 2-Dimensional Multisegment Late Gadolinium Enhancement in Ischemic and Nonischemic Cardiomyopathy. Journal of Thoracic Imaging, 2020, 35, 56-63.	1.5	9
58	Asymptomatic struts fracture and multiple embolization as a late complication of ALN removable vena cava filter implantation. European Heart Journal, 2013, 34, 2353-2353.	2.2	8
59	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
60	Additional diagnostic value of cardiac magnetic resonance feature tracking in patients with biopsy-proven arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2021, 339, 203-210.	1.7	8
61	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. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 614-621.	1.8	7
62	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
63	Image Quality and Reliability of a Novel Dark-Blood Late Gadolinium Enhancement Sequence in Ischemic Cardiomyopathy. Journal of Thoracic Imaging, 2020, 35, 326-333.	1.5	7
64	Quantitative Evaluation of COVID-19 Pneumonia Lung Extension by Specific Software and Correlation with Patient Clinical Outcome. Diagnostics, 2021, 11, 265.	2.6	6
65	Computed tomography predictors of structural valve degeneration in patients undergoing transcatheter aortic valve implantation with balloon-expandable prostheses. European Radiology, 2022, 32, 6017-6027.	4.5	6
66	Comparison between low-dose multidetector computed coronary angiography and myocardial perfusion imaging test in patients with intermediate pre-test likelihood of coronary artery disease. International Journal of Cardiology, 2011, 147, 454-457.	1.7	5
67	Forearm large hematoma following transulnar artery cardiac catheterization. Journal of Vascular Surgery, 2013, 58, 1400-1401.	1.1	4
68	Reliability of single breath hold three-dimensional cine kat-ARC for the assessment of biventricular dimensions and function. European Journal of Radiology, 2020, 124, 108820.	2.6	4
69	Rationale and design of the EPLURIBUS Study (Evidence for a comPrehensive evalUation of left) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7 Cardiovascular Medicine, 2020, 21, 812-819.	1.5	4
70	Commentary: Drug-Coated Balloons for Treatment of Carotid In-Stent Restenosis: Did We Find the Ace of Hearts?. Journal of Endovascular Therapy, 2014, 21, 678-682.	1.5	3
71	Left atrium and pulmonary vein imaging using sub-millisievert cardiac computed tomography: Impact on radiofrequency catheter ablation cumulative radiation exposure and outcome in atrial fibrillation patients. International Journal of Cardiology, 2017, 228, 805-811.	1.7	2
72	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. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 586-595.	2.6	2

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73	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. <i>European Radiology</i> , 2010, 20, 2200-2201.	4.5	1
74	Mycotic Ascending Aortic Pseudoaneurysm following Reduction Aortoplasty. <i>Journal of Cardiac Surgery</i> , 2011, 26, 100-101.	0.7	1
75	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
76	Undiagnosed Stanford type A aortic dissection: a rare survival report. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 659-660.	1.5	1
77	Pseudoaneurysm of the left ventricular outflow tract after cardiac surgery. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 749-750.	1.5	1
78	Undiagnosed mitroflow bioprosthesis deformation causing early structural valve deterioration. <i>General Thoracic and Cardiovascular Surgery</i> , 2018, 66, 543-545.	0.9	1
79	Late thrombosis of a Transcatheter aortic valve: the border between a proactive and reactive management. <i>Journal of Cardiothoracic Surgery</i> , 2018, 13, 126.	1.1	1
80	Expanding extrapleural hematoma from rib fractures after cardiac surgery. <i>Asian Cardiovascular and Thoracic Annals</i> , 2013, 21, 366-368.	0.5	0
81	Lower limb ischemia management in acute Stanford type A aortic dissection. <i>Journal of Cardiovascular Surgery</i> , 2018, 59, 297-299.	0.6	0
82	Low-Dose Coronary CT Angiography in Patients with Atrial Fibrillation: Comparison of Image Quality and Radiation Exposure with Two Different Approaches. <i>Academic Radiology</i> , 2019, 26, 791-797.	2.5	0
83	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