# Edoardo Conte

## List of Publications by Year
## in descending order

| 161 papers | 4,234 citations | 117625<br>34 h-index | 149698<br>56 g-index |
|---|---|---|---|
| 166 all docs | 166 docs citations | 166 times ranked | 3932 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Effects of Statins on CoronaryÂAtherosclerotic Plaques. JACC: Cardiovascular Imaging, 2018, 11, 1475-1484. | 5.3 | 335 |
| 2 | Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522. | 2.8 | 328 |
| 3 | Long-Term Prognostic Value of CardiacÂMagnetic Resonance in LeftÂVentricle Noncompaction. Journal of the American College of Cardiology, 2016, 68, 2166-2181. | 2.8 | 121 |
| 4 | Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. JAMA Cardiology, 2020, 5, 282. | 6.1 | 90 |
| 5 | Role of computed tomography in COVID-19. Journal of Cardiovascular Computed Tomography, 2021, 15, 27-36. | 1.3 | 88 |
| 6 | Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2018, 11, e007562. | 2.6 | 81 |
| 7 | Coronary Artery Disease: Diagnostic Accuracy of CT Coronary Angiographyâ€"A Comparison of High and Standard Spatial Resolution Scanning. Radiology, 2014, 271, 688-694. | 7.3 | 78 |
| 8 | Stress Computed Tomography Perfusion Versus Fractional Flow Reserve CT Derived in Suspected Coronary ArteryÂDisease. JACC: Cardiovascular Imaging, 2019, 12, 1487-1497. | 5.3 | 78 |
| 9 | Dynamic Stress Computed Tomography Perfusion With a Whole-Heart Coverage Scanner in Addition to Coronary Computed Tomography Angiography and Fractional Flow Reserve ComputedÂTomography Derived. JACC: Cardiovascular Imaging, 2019, 12, 2460-2471. | 5.3 | 76 |
| 10 | Rationale and design of the Progression of AtheRosclerotic PlAque DetermIned by Computed TomoGraphic Angiography IMaging (PARADIGM) registry: A comprehensive exploration of plaque progression and its impact on clinical outcomes from a multicenter serial coronary computed tomographic angiography study. American Heart Journal, 2016, 182, 72-79. | 2.7 | 75 |
| 11 | Incremental Diagnostic Value of StressÂComputed Tomography Myocardial Perfusion With Whole-Heart Coverage CTÂScanner in Intermediate- to High-Risk Symptomatic Patients Suspected of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 338-349. | 5.3 | 75 |
| 12 | Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257. | 6.1 | 70 |
| 13 | 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 |
| 14 | 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 |
| 15 | Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2018, 11, 1461-1471. | 5.3 | 64 |
| 16 | Coronary Plaque Features on CTA CanÂIdentify Patients at Increased Risk ofÂCardiovascular Events. JACC: Cardiovascular Imaging, 2020, 13, 1704-1717. | 5.3 | 64 |
| 17 | Diagnostic Yield of Electroanatomic Voltage Mapping in Guiding Endomyocardial Biopsies. Circulation, 2020, 142, 1249-1260. | 1.6 | 61 |
| 18 | Differential association between the progression of coronary artery calcium score and coronary plaque volume progression according to statins: the Progression of AtheRosclerotic PlAque DetermIned by Computed TomoGraphic Angiography Imaging (PARADIGM) study. European Heart Journal Cardiovascular Imaging, 2019, 20, 1307-1314. | 1.2 | 60 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. JACC: Cardiovascular Imaging, 2020, 13, 1409-1417. | 5.3 | 58 |
| 20 | Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the COronary CT Angiography EvaluatioN For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. International Journal of Cardiology, 2017, 231, 18-25. | 1.7 | 56 |
| 21 | Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverterâ€"Defibrillator Therapy. Circulation: Cardiovascular Imaging, 2016, 9, . | 2.6 | 54 |
| 22 | Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry. Journal of the American Heart Association, 2020, 9, e013958. | 3.7 | 53 |
| 23 | Prognostic Stratification of Patients With ST-Segmentâ€"Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, . | 2.6 | 48 |
| 24 | 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 |
| 25 | Atrial Fibrillation: Diagnostic Accuracy of Coronary CT Angiography Performed with a Whole-Heart 230-Âµm Spatial Resolution CT Scanner. Radiology, 2017, 284, 676-684. | 7.3 | 46 |
| 26 | 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 |
| 27 | The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 233-242. | 5.3 | 44 |
| 28 | 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 |
| 29 | 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 |
| 30 | Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. Atherosclerosis, 2021, 324, 46-51. | 0.8 | 41 |
| 31 | 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 |
| 32 | 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 |
| 33 | Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of AtheRosclerotic PlAque DetermIned by Computed TomoGraphic Angiography IMaging (PARADIGM) registry. Cardiovascular Diabetology, 2020, 19, 113. | 6.8 | 39 |
| 34 | Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. European Radiology, 2016, 26, 2155-2165. | 4.5 | 38 |
| 35 | Additional value of inflammatory biomarkers and carotid artery disease in prediction of significant coronary artery disease as assessed by coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2017, 18, 1049-1056. | 1.2 | 36 |
| 36 | Multimodality imaging of left atrium in patients with atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2019, 13, 340-346. | 1.3 | 36 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | T1 mapping and cardiac magnetic resonance feature tracking in mitral valve prolapse. European Radiology, 2021, 31, 1100-1109. | 4.5 | 36 |
| 38 | CT Perfusion Versus Coronary CT Angiography in Patients With Suspected In-Stent Restenosis or CAD Progression. JACC: Cardiovascular Imaging, 2020, 13, 732-742. | 5.3 | 35 |
| 39 | Stereotactic radioablation for the treatment of ventricular tachycardia: preliminary data and insights from the STRA-MI-VT phase Ib/II study. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 427-439. | 1.3 | 35 |
| 40 | Prognostic Value of Multidetector Computed Tomography Coronary Angiography in Diabetes. Diabetes Care, 2013, 36, 1834-1841. | 8.6 | 34 |
| 41 | Prognostic Value of Coronary CTA inÂCoronary Bypass Patients. JACC: Cardiovascular Imaging, 2014, 7, 580-589. | 5.3 | 34 |
| 42 | Low-dose CT coronary angiography with a novel IntraCycle motion-correction algorithm in patients with high heart rate or heart rate variability. European Heart Journal Cardiovascular Imaging, 2015, 16, 1093-1100. | 1.2 | 34 |
| 43 | Impact of an intra-cycle motion correction algorithm on overall evaluability and diagnostic accuracy of computed tomography coronary angiography. European Radiology, 2016, 26, 147-156. | 4.5 | 34 |
| 44 | A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. JACC: Cardiovascular Imaging, 2020, 13, 2162-2173. | 5.3 | 34 |
| 45 | CMR for Identifying the Substrate of Ventricular Arrhythmia in Patients With Normal Echocardiography. JACC: Cardiovascular Imaging, 2020, 13, 410-421. | 5.3 | 32 |
| 46 | Long-term follow-up analysis of a highly characterized arrhythmogenic cardiomyopathy cohort with classical and non-classical phenotypesâ€"a real-world assessment of a novel prediction model: does the subtype really matter. Europace, 2020, 22, 797-805. | 1.7 | 31 |
| 47 | Functional Relevance of Coronary Artery Disease by Cardiac Magnetic Resonance and Cardiac Computed Tomography: Myocardial Perfusion and Fractional Flow Reserve. BioMed Research International, 2015, 2015, 1-14. | 1.9 | 29 |
| 48 | FFRCT and CT perfusion: A review on the evaluation of functional impact of coronary artery stenosis by cardiac CT. International Journal of Cardiology, 2020, 300, 289-296. | 1.7 | 29 |
| 49 | Characteristics of Patients With Arrhythmogenic Left Ventricular Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009005. | 4.8 | 29 |
| 50 | Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. Journal of Cardiovascular Computed Tomography, 2020, 14, 400-406. | 1.3 | 29 |
| 51 | â€œQuadruple Rule-Outâ€•With Computed Tomography in a COVID-19 Patient With Equivocal Acute Coronary Syndrome Presentation. JACC: Cardiovascular Imaging, 2020, 13, 1854-1856. | 5.3 | 29 |
| 52 | Coronary CT angiography with 80ÂkV tube voltage and low iodine concentration contrast agent in patients with low body weight. Journal of Cardiovascular Computed Tomography, 2016, 10, 322-326. | 1.3 | 28 |
| 53 | Plaque quantification by coronary computed tomography angiography using intravascular ultrasound as a reference standard: a comparison between standard and last generation computed tomography scanners. European Heart Journal Cardiovascular Imaging, 2020, 21, 191-201. | 1.2 | 26 |
| 54 | Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. JACC: Cardiovascular Imaging, 2020, 13, 2386-2396. | 5.3 | 26 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 55 | Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. JAMA Network Open, 2020, 3, e2011444. | 5.9 | 26 |
| 56 | Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. European Heart Journal Cardiovascular Imaging, 2020, 21, 973-980. | 1.2 | 26 |
| 57 | Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of AtheRosclerotic PlAque) Tj ETQq1 1 0.784314 rgBT /Over Computed Tomography, 2019, 13, 142-147. | 1.3 | 25 |
| 58 | Radiation dose and diagnostic accuracy of multidetector computed tomography for the detection of significant coronary artery stenoses. International Journal of Cardiology, 2012, 160, 155-164. | 1.7 | 24 |
| 59 | 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. Journal of Cardiovascular Computed Tomography, 2020, 14, 137-143. | 1.3 | 24 |
| 60 | Diagnostic Accuracy of Rapid Kilovolt Peakâ€"Switching Dual-Energy CT Coronary Angiography in Patients With a High CalciumÂScore. JACC: Cardiovascular Imaging, 2015, 8, 746-748. | 5.3 | 23 |
| 61 | 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 |
| 62 | 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 |
| 63 | Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. PLoS ONE, 2020, 15, e0232573. | 2.5 | 23 |
| 64 | Diagnostic accuracy of simultaneous evaluation of coronary arteries and myocardial perfusion with single stress cardiac computed tomography acquisition compared to invasive coronary angiography plus invasive fractional flow reserve. International Journal of Cardiology, 2018, 273, 263-268. | 1.7 | 22 |
| 65 | Quantitative vs. qualitative evaluation of static stress computed tomography perfusion to detect haemodynamically significant coronary artery disease. European Heart Journal Cardiovascular Imaging, 2018, 19, 1244-1252. | 1.2 | 21 |
| 66 | Sequential Strategy Including FFRCT Plus Stress-CTP Impacts on Management of Patients with Stable Chest Pain: The Stress-CTP RIPCORD Study. Journal of Clinical Medicine, 2020, 9, 2147. | 2.4 | 21 |
| 67 | Cardiac patient care during a pandemic: how to reorganise a heart failure unit at the time of COVID-19. European Journal of Preventive Cardiology, 2020, 27, 1127-1132. | 1.8 | 21 |
| 68 | Relationship Between Coronary Artery Calcium and Atherosclerosis Progression Among Patients With Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 1063-1074. | 5.3 | 20 |
| 69 | Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. European Heart Journal Cardiovascular Imaging, 2021, 22, 24-33. | 1.2 | 19 |
| 70 | Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. Journal of Cardiovascular Computed Tomography, 2021, 15, 322-330. | 1.3 | 19 |
| 71 | Role of CMR Mapping Techniques in Cardiac Hypertrophic Phenotype. Diagnostics, 2020, 10, 770. | 2.6 | 19 |
| 72 | Association Between Changes in Perivascular Adipose Tissue Density andÂPlaque Progression. JACC: Cardiovascular Imaging, 2022, 15, 1760-1767. | 5.3 | 19 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 73 | 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 |
| 74 | Comparison of cardiac computed tomography versus cardiac magnetic resonance for characterization of left atrium anatomy before radiofrequency catheter ablation of atrial fibrillation. International Journal of Cardiology, 2015, 179, 114-121. | 1.7 | 17 |
| 75 | Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2018, 12, 231-237. | 1.3 | 17 |
| 76 | Coronary CT Angiography in Challenging Patients: High Heart Rate and Atrial Fibrillation. A Review. Academic Radiology, 2019, 26, 1544-1549. | 2.5 | 17 |
| 77 | Feasibility of late gadolinium enhancement (LGE) in ischemic cardiomyopathy using 2D-multisegment LGE combined with artificial intelligence reconstruction deep learning noise reduction algorithm. International Journal of Cardiology, 2021, 343, 164-170. | 1.7 | 17 |
| 78 | Cardiovascular morbidity and mortality in patients with aortic valve calcification: A systematic review and meta-analysis. Journal of Cardiovascular Computed Tomography, 2019, 13, 190-195. | 1.3 | 16 |
| 79 | Association of high-risk coronary atherosclerosis at CCTA with clinical and circulating biomarkers: Insight from CAPIRE study. Journal of Cardiovascular Computed Tomography, 2021, 15, 73-80. | 1.3 | 16 |
| 80 | Oxidized LDL–dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. EMBO Molecular Medicine, 2021, 13, e14365. | 6.9 | 16 |
| 81 | Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. JACC: Cardiovascular Imaging, 2021, 14, 1410-1421. | 5.3 | 16 |
| 82 | Association Between Haptoglobin Phenotype and Microvascular Obstruction in Patients With STEMI. JACC: Cardiovascular Imaging, 2019, 12, 1007-1017. | 5.3 | 15 |
| 83 | Association of Tube Voltage With Plaque Composition on Coronary CT Angiography. JACC: Cardiovascular Imaging, 2021, 14, 2429-2440. | 5.3 | 15 |
| 84 | 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. Journal of Cardiovascular Computed Tomography, 2014, 8, 44-51. | 1.3 | 14 |
| 85 | The New Frontier of Cardiac Computed Tomography Angiography: Fractional Flow Reserve and Stress Myocardial Perfusion. Current Treatment Options in Cardiovascular Medicine, 2016, 18, 74. | 0.9 | 14 |
| 86 | Endomyocardial Biopsy: The Forgotten Piece in the Arrhythmogenic Cardiomyopathy Puzzle. Journal of the American Heart Association, 2021, 10, e021370. | 3.7 | 14 |
| 87 | State of the art paper: Cardiovascular CT for planning ventricular tachycardia ablation procedures. Journal of Cardiovascular Computed Tomography, 2021, 15, 394-402. | 1.3 | 13 |
| 88 | Association of Plaque Location and Vessel Geometry Determined by Coronary Computed Tomographic Angiography With Future Acute Coronary Syndrome–Causing Culprit Lesions. JAMA Cardiology, 2022, 7, 309. | 6.1 | 13 |
| 89 | 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 |
| 90 | STRA-MI-VT (STereotactic RadioAblation by Multimodal Imaging for Ventricular Tachycardia): rationale and design of an Italian experimental prospective study. Journal of Interventional Cardiac Electrophysiology, 2020, 61, 583-593. | 1.3 | 12 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 91 | Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2021, 15, 232-239. | 1.3 | 12 |
| 92 | Prior myocarditis and ventricular arrhythmias: The importance of scar pattern. Heart Rhythm, 2021, 18, 589-596. | 0.7 | 12 |
| 93 | Differential progression of coronary atherosclerosis according to plaque composition: a cluster analysis of PARADIGM registry data. Scientific Reports, 2021, 11, 17121. | 3.3 | 11 |
| 94 | Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2021, 22, 322-330. | 1.2 | 11 |
| 95 | Changing Paradigms in the Diagnosis of Ischemic Heart Disease by Multimodality Imaging. Journal of Clinical Medicine, 2022, 11, 477. | 2.4 | 11 |
| 96 | 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. International Journal of Cardiology, 2013, 167, 2889-2894. | 1.7 | 10 |
| 97 | Longitudinal quantitative assessment of coronary plaque progression related to body mass index using serial coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2019, 20, 591-599. | 1.2 | 10 |
| 98 | State-of-the-art-myocardial perfusion stress testing: Static CT perfusion. Journal of Cardiovascular Computed Tomography, 2020, 14, 294-302. | 1.3 | 10 |
| 99 | A Procedure for Analyzing Mandible Roto-Translation Induced by Mandibular Advancement Devices. Materials, 2020, 13, 1826. | 2.9 | 10 |
| 100 | Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. Radiology, 2021, 300, 79-86. | 7.3 | 10 |
| 101 | The Potential Role of Cardiac CT in the Evaluation of Patients With Known or Suspected Cardiomyopathy: From Traditional Indications to Novel Clinical Applications. Frontiers in Cardiovascular Medicine, 2021, 8, 709124. | 2.4 | 10 |
| 102 | Diagnostic performance of deep learning algorithm for analysis of computed tomography myocardial perfusion. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3119-3128. | 6.4 | 10 |
| 103 | Rationale and design of advantage (additional diagnostic value of CT perfusion over coronary CT) Tj ETQq1 1 0.784314 rgBT /Overloc | 1.3 | 9 |
| 104 | Reviewing imaging modalities for the assessment of plaque erosion. Atherosclerosis, 2021, 318, 52-59. | 0.8 | 9 |
| 105 | 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 |
| 106 | Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. European Heart Journal Cardiovascular Imaging, 2021, 22, 1072-1082. | 1.2 | 8 |
| 107 | Coronary plaque features on CTA can identify patients at increased risk of cardiovascular events. Current Opinion in Cardiology, 2021, 36, 784-792. | 1.8 | 8 |
| 108 | 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 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 109 | Prevalence and prognosis of pericardial effusion in patients affected by pectus excavatum: A case-control study. International Journal of Cardiology, 2021, 344, 179-183. | 1.7 | 8 |
| 110 | Overall evaluability of low dose protocol for computed tomography angiography of thoracic aorta using 80 kV and iterative reconstruction algorithm using different concentration contrast media. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 614-621. | 1.8 | 7 |
| 111 | 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 |
| 112 | Per-lesion versus per-patient analysis of coronary artery disease in predicting the development of obstructive lesions: the Progression of AtheRosclerotic PlAque DetermIned by Computed TmoGraphic Angiography Imaging (PARADIGM) study. International Journal of Cardiovascular Imaging, 2020, 36, 2357-2364. | 1.5 | 7 |
| 113 | Lower Radiation Dosing in Cardiac CT Angiography: The CONVERGE Registry. Journal of Nuclear Medicine Technology, 2020, 48, 58-62. | 0.8 | 7 |
| 114 | Cardiac magnetic resonance features of left dominant arrhythmogenic cardiomyopathy: differential diagnosis with myocarditis. International Journal of Cardiovascular Imaging, 2022, 38, 397-405. | 1.5 | 7 |
| 115 | Comparison of Whole Heart Computed Tomography Scanners for Image Quality Lower Radiation Dosing in Coronary Computed Tomography Angiography: The CONVERGE Registry. Academic Radiology, 2019, 26, 1443-1449. | 2.5 | 6 |
| 116 | Quantitative Evaluation of COVID-19 Pneumonia Lung Extension by Specific Software and Correlation with Patient Clinical Outcome. Diagnostics, 2021, 11, 265. | 2.6 | 6 |
| 117 | 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 |
| 118 | Prevalence and patterns of tooth agenesis in Angle class II division 2 malocclusion in Italy: A case-control study. International Orthodontics, 2019, 17, 538-543. | 1.9 | 5 |
| 119 | Impact of coronary calcification assessed by coronary CT angiography on treatment decision in patients with three-vessel CAD: insights from SYNTAX III trial. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 176-184. | 1.1 | 5 |
| 120 | Red Blood Cell Morphodynamics: A New Potential Marker in High-Risk Patients. Frontiers in Physiology, 2020, 11, 603633. | 2.8 | 5 |
| 121 | Cardiac MRI after first episode of acute pericarditis: A pilot study for better identification of high risk patients. International Journal of Cardiology, 2022, 354, 63-67. | 1.7 | 5 |
| 122 | Left-dominant arrhythmogenic cardiomyopathy diagnosed at cardiac CT. Journal of Cardiovascular Computed Tomography, 2020, 14, e7-e8. | 1.3 | 4 |
| 123 | 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 |
| 124 | Rationale and design of the EPLURIBUS Study (Evidence for a comPrehensive evaLUation of left) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Cardiovascular Medicine, 2020, 21, 812-819. | 1.5 | 4 |
| 125 | Live integration of comprehensive cardiac CT with electroanatomical mapping in patients with refractory ventricular tachycardia. Journal of Cardiovascular Computed Tomography, 2022, 16, 262-265. | 1.3 | 4 |
| 126 | Age related compositional plaque burden by CT in patients with future ACS. Journal of Cardiovascular Computed Tomography, 2022, 16, 491-497. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 127 | Whole-Blood Transcriptional Profiles Enable Early Prediction of the Presence of Coronary Atherosclerosis and High-Risk Plaque Features at Coronary CT Angiography. Biomedicines, 2022, 10, 1309. | 3.2 | 4 |
| 128 | Extent of lung involvement over severity of cardiac disease for the prediction of adverse outcome in COVID-19 patients with cardiovascular disease. International Journal of Cardiology, 2021, 323, 292-294. | 1.7 | 3 |
| 129 | Potential Application of Cardiac Computed Tomography for Early Detection of Coronary Atherosclerosis: From Calcium Score to Advanced Atherosclerosis Analysis. Journal of Clinical Medicine, 2021, 10, 521. | 2.4 | 3 |
| 130 | Plaque Character and Progression According to the Location of Coronary Atherosclerotic Plaque. American Journal of Cardiology, 2021, 158, 15-22. | 1.6 | 3 |
| 131 | Cardiac magnetic resonance for prophylactic implantable-cardioverter defibrillator therapy international study: prognostic value of cardiac magnetic resonance-derived right ventricular parameters substudy. European Heart Journal Cardiovascular Imaging, 2023, 24, 472-482. | 1.2 | 3 |
| 132 | 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. International Journal of Cardiology, 2017, 228, 805-811. | 1.7 | 2 |
| 133 | Cardiac hybrid imaging for the management of patients with known or suspected coronary artery disease. International Journal of Cardiology, 2018, 261, 236-238. | 1.7 | 2 |
| 134 | The usefulness of cardiac CT integrated with FFRCT for planning myocardial revascularization in complex coronary artery disease: a lesson from SYNTAX studies. Cardiovascular Diagnosis and Therapy, 2020, 10, 2036-2047. | 1.7 | 2 |
| 135 | Role of cardiac imaging in patients undergoing catheter ablation of ventricular tachycardia. Journal of Cardiovascular Medicine, 2021, 22, 727-737. | 1.5 | 2 |
| 136 | Vessel-specific plaque features on coronary computed tomography angiography among patients of varying atherosclerotic cardiovascular disease risk. European Heart Journal Cardiovascular Imaging, 2022, 23, 1171-1179. | 1.2 | 2 |
| 137 | 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 |
| 138 | Longitudinal Quantitative Assessment of Coronary Atherosclerotic Plaque Burden Related to Serum Hemoglobin Levels. JACC Asia, 2022, 2, 311-319. | 1.5 | 2 |
| 139 | Pericardial diseases: the emerging role for cardiac magnetic resonance imaging in the diagnosis of pericardial diseases. European Heart Journal - Case Reports, 2022, 6, ytac164. | 0.6 | 2 |
| 140 | Longitudinal quantitative assessment of coronary atherosclerosis related to normal systolic blood pressure maintenance in the absence of established cardiovascular disease. Clinical Cardiology, 0, , . | 1.8 | 2 |
| 141 | Lung function evaluation in heart failure: possible pitfalls. Breathe, 2020, 16, 190316. | 1.3 | 1 |
| 142 | Long term effects of surgical and transcatheter aortic valve replacement on FFRCT in patients with severe aortic valve stenosis. International Journal of Cardiovascular Imaging, 2022, 38, 427-434. | 1.5 | 1 |
| 143 | Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2022, 16, 222-229. | 1.3 | 1 |
| 144 | Collateral findings during computed tomography scan for atrial fibrillation ablation: Let†™s take a look around. World Journal of Cardiology, 2016, 8, 310. | 1.5 | 1 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 145 | Use of Advanced CT Technology to Evaluate Left Atrial Indices in Patients with a High Heart Rate or with Heart Rate Variability: The Converge Registry. Journal of Nuclear Medicine Technology, 2021, 49, 65-69. | 0.8 | 1 |
| 146 | Phantom study of stereotactic radioablation for ventricular tachycardia (STRA-MI-VT) using Cyberknife Synchrony Respiratory Tracking System with a single fiducial marker. Physica Medica, 2022, 100, 135-141. | 0.7 | 1 |
| 147 | Multidetector computed tomography detection of a very unusual double coronary fistula from left anterior descending coronary artery to pulmonary artery and descending aorta. European Heart Journal Cardiovascular Imaging, 2012, 13, 199-199. | 1.2 | 0 |
| 148 | Cardiac-CT in 2017: Over the coronary artery assessment. International Journal of Cardiology, 2017, 249, 497-499. | 1.7 | 0 |
| 149 | ADDITIONAL DIAGNOSTIC VALUE OF CT PERFUSION OVER CORONARY CT ANGIOGRAPHY IN STENTED PATIENTS WITH SUSPECTED IN-STENT RESTENOSIS OR CORONARY ARTERY DISEASE PROGRESSION: ADVANTAGE STUDY PRELIMINARY RESULTS. Journal of the American College of Cardiology, 2018, 71, A1635. | 2.8 | 0 |
| 150 | Diagnostic Ability of CT to Help Differentiate Stenosis of 30% in Patients with Atrial Fibrillation. Radiology, 2018, 286, 361-363. | 7.3 | 0 |
| 151 | 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 |
| 152 | In reply to â€œThe novel whole-organ high-definition CT scanner: A promising diagnostic method for coronary stented patients with unfavorable HRâ€• International Journal of Cardiology, 2019, 282, 111. | 1.7 | 0 |
| 153 | Case Report: Pericardial Effusion Treated With Pericardiectomy Plus Right Atrial Mass Resection: A 2-Year Follow-Up of Cardiac Rosai-Dorfman Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 668031. | 2.4 | 0 |
| 154 | Measurement of compensatory arterial remodelling over time with serial coronary computed tomography angiography and 3D metrics. European Heart Journal Cardiovascular Imaging, 2021, , . | 1.2 | 0 |
| 155 | TCT-357 Diagnostic Accuracy of Dynamic Stress Myocardial CT Perfusion as Compared With Invasive Coronary Physiology Metrics in Patients With Suspected In-Stent Restenosis or CAD Progression: Preliminary Results of ADVANTAGE 2 Study. Journal of the American College of Cardiology, 2021, 78, B147. | 2.8 | 0 |
| 156 | Cardiac Care of Non-COVID-19 Patients During the SARS-CoV-2 Pandemic: The Pivotal Role of CCTA. Frontiers in Cardiovascular Medicine, 2021, 8, 775115. | 2.4 | 0 |
| 157 | Reply to: The spectrum of pericardial syndromes in patients with pectus excavatum. International Journal of Cardiology, 2022, 346, 79. | 1.7 | 0 |
| 158 | An Optimized MRM-Based Workflow of the l-Arginine/Nitric Oxide Pathway Metabolites Revealed Disease- and Sex-Related Differences in the Cardiovascular Field. International Journal of Molecular Sciences, 2022, 23, 1136. | 4.1 | 0 |
| 159 | OUP accepted manuscript. European Heart Journal Cardiovascular Imaging, 2022, , . | 1.2 | 0 |
| 160 | Radiation Doses in Patients Undergoing Computed Tomographic Coronary Artery Calcium Evaluation With a 64-Slice Scanner Versus a 256-Slice Scanner. Texas Heart Institute Journal, 2022, 49, . | 0.3 | 0 |
| 161 | 185â€ƒDiagnostic accuracy of dynamic stress myocardial CT perfusion as compared with invasive coronary physiology metrics in stented patients: preliminary results of the advantage II study. European Heart Journal Supplements, 2021, 23, . | 0.1 | 0 |