

Giuseppe Muscogiuri

List of Publications by Year in descending order

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122
papers

2,588
citations

172457

29
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254184

43
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128
all docs

128
docs citations

128
times ranked

3120
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Prediction of myocardial blood flow under stress conditions by means of a computational model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1894-1905. | 6.4 | 5 |
| 2 | Non-invasive coronary imaging in patients with COVID-19: A narrative review. <i>European Journal of Radiology</i> , 2022, 149, 110188. | 2.6 | 8 |
| 3 | Multimodality Imaging in Ischemic Chronic Cardiomyopathy. <i>Journal of Imaging</i> , 2022, 8, 35. | 3.0 | 7 |
| 4 | Advanced neuroimaging in stroke patients management: It is not just a matter of time. <i>Journal of Clinical Ultrasound</i> , 2022, 50, 182-184. | 0.8 | 1 |
| 5 | 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 |
| 6 | Coronary-specific quantification of myocardial deformation by strain echocardiography may disclose the culprit vessel in patients with non-ST-segment elevation acute coronary syndrome. <i>European Heart Journal Open</i> , 2022, 2, . | 2.3 | 7 |
| 7 | Advances in Multimodality Cardiovascular Imaging in the Diagnosis of Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 758975. | 2.4 | 8 |
| 8 | 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 |
| 9 | The Applications of Artificial Intelligence in Cardiovascular Magnetic Resonance—A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 2866. | 2.4 | 9 |
| 10 | Epicardial Adipose Tissue: A Novel Potential Imaging Marker of Comorbidities Caused by Chronic Inflammation. <i>Nutrients</i> , 2022, 14, 2926. | 4.1 | 13 |
| 11 | T1 mapping and cardiac magnetic resonance feature tracking in mitral valve prolapse. <i>European Radiology</i> , 2021, 31, 1100-1109. | 4.5 | 36 |
| 12 | Role of computed tomography in COVID-19. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 27-36. | 1.3 | 88 |
| 13 | 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 |
| 14 | Epicardial fat and coronary artery disease: Role of cardiac imaging. <i>Atherosclerosis</i> , 2021, 321, 30-38. | 0.8 | 54 |
| 15 | Arrhythmic Mitral Valve Prolapse: Introducing an Era of Multimodality Imaging-Based Diagnosis and Risk Stratification. <i>Diagnostics</i> , 2021, 11, 467. | 2.6 | 16 |
| 16 | CarDiac magnEtic Resonance for prophylactic Implantable-cardioVerter defibrillAtor ThErapy in Non-Ischaemic dilated CardioMyopathy: an international Registry. <i>Europace</i> , 2021, 23, 1072-1083. | 1.7 | 37 |
| 17 | Cardiovascular magnetic resonance of alcohol induced cardiomyopathy: Lost in the labyrinth of non-ischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2021, 332, 133-134. | 1.7 | 0 |
| 18 | Automated left and right ventricular chamber segmentation in cardiac magnetic resonance images using dense fully convolutional neural network. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 204, 106059. | 4.7 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Cardiac Magnetic Resonance Tissue Characterization in Ischemic Cardiomyopathy. <i>Journal of Thoracic Imaging</i> , 2021, Publish Ahead of Print, 2-16. | 1.5 | 11 |
| 24 | Stress CMR in Known or Suspected CAD: Diagnostic and Prognostic Role. <i>BioMed Research International</i> , 2021, 2021, 1-12. | 1.9 | 15 |
| 25 | Magnetic resonance imaging and artificial intelligence. , 2021, , 241-253. | | 0 |
| 26 | Recent advances in multimodality imaging of the tricuspid valve. <i>Expert Review of Medical Devices</i> , 2021, 18, 1069-1081. | 2.8 | 7 |
| 27 | Multimodality imaging of a left circumflex artery to right atrium coronary artery fistula associated with giant aneurysm. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 20-20. | 1.2 | 2 |
| 28 | Cardiovascular magnetic resonance of cardiac tumors and masses. <i>World Journal of Cardiology</i> , 2021, 13, 628-649. | 1.5 | 22 |
| 29 | 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 |
| 30 | 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 |
| 31 | Anomalous origin of the left circumflex artery from the right coronary sinus with retro-aortic course: A potential malign variant. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, e54-e55. | 1.3 | 3 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Iron deficiency in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2020, 300, 14-19. | 1.7 | 20 |
| 36 | Early or deferred cardiovascular magnetic resonance after ST-segment-elevation myocardial infarction for effective risk stratification. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 632-639. | 1.2 | 14 |

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|----|--|-----|-----------|
| 37 | Diagnostic performance of non-invasive imaging for stable coronary artery disease: A meta-analysis. <i>International Journal of Cardiology</i> , 2020, 300, 276-281. | 1.7 | 39 |
| 38 | Performance of a deep learning algorithm for the evaluation of CAD-RADS classification with CCTA. <i>Atherosclerosis</i> , 2020, 294, 25-32. | 0.8 | 67 |
| 39 | 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 |
| 40 | Evidence For A ComPREhensive EvaLUAtion Of Newly Diagnosed Left VentRicle DysfnctIO n BY A Novel Whole-heart Coverage High Definition Cardiac. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, S10. | 1.3 | 0 |
| 41 | Sequential Strategy Including FFRCT Plus Stress-CTP Impacts on Management of Patients with Stable Chest Pain: The Stress-CTP RIPCORDER Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2147. | 2.4 | 21 |
| 42 | The Incremental Role of Coronary Computed Tomography in Chronic Coronary Syndromes. <i>Journal of Clinical Medicine</i> , 2020, 9, 3925. | 2.4 | 14 |
| 43 | Current evidence on the diagnostic and prognostic role of native T1 mapping in heart diseases. <i>Trends in Cardiovascular Medicine</i> , 2020, 31, 448-454. | 4.9 | 3 |
| 44 | Artificial intelligence in cardiac radiology. <i>Radiologia Medica</i> , 2020, 125, 1186-1199. | 7.7 | 54 |
| 45 | Coronary Plaque Assessment By Coronary Ct Angiography May Predict Cardiac Events In Diabetic Patients: A Long-term Follow-up Study. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, S9. | 1.3 | 0 |
| 46 | (Epicardial and microvascular) angina or atypical chest pain: differential diagnoses with cardiovascular magnetic resonance. <i>European Heart Journal Supplements</i> , 2020, 22, E116-E120. | 0.1 | 5 |
| 47 | Repaired Congenital Heart Disease in Older Children and Adults. <i>Radiologic Clinics of North America</i> , 2020, 58, 503-516. | 1.8 | 3 |
| 48 | 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 |
| 49 | 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 |
| 50 | Artificial Intelligence in Coronary Computed Tomography Angiography: From Anatomy to Prognosis. <i>BioMed Research International</i> , 2020, 2020, 1-10. | 1.9 | 27 |
| 51 | Rationale and design of the EPLURIBUS Study (Evidence for a comPREhensive evalUation of left) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Cardiovascular Medicine</i> , 2020, 21, 812-819. | 1.5 | 4 |
| 52 | Role of CMR Mapping Techniques in Cardiac Hypertrophic Phenotype. <i>Diagnostics</i> , 2020, 10, 770. | 2.6 | 19 |
| 53 | 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 |
| 54 | Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. <i>Radiology</i> , 2019, 292, 597-605. | 7.3 | 37 |

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|----|--|-----|-----------|
| 55 | Design of CTP-PRO study (impact of stress Cardiac computed Tomography myocardial Perfusion on) Tj ETQq1 1 0.784314 rgBT /Overbo | 1.7 | 9 |
| 56 | G-CSF for Extensive STEMI. Circulation Research, 2019, 125, 295-306. | 4.5 | 18 |
| 57 | The Role of Cardiac CT in Patients with Metabolic Disorders. Contemporary Medical Imaging, 2019, , 349-354. | 0.4 | 0 |
| 58 | Dynamic Stress Computed Tomography Perfusion With a Whole-Heart Coverage Scanner in Addition to Coronary Computed Tomography Angiography and Fractional Flow Reserve Computed Tomography Derived. JACC: Cardiovascular Imaging, 2019, 12, 2460-2471. | 5.3 | 76 |
| 59 | Comprehensive Evaluation Of Newly Diagnosed Left Ventricle Dysfunction By A Novel Whole-heart Coverage Cardiac Ct: Preliminary Results Of The E- PLURIBUS Study. Journal of Cardiovascular Computed Tomography, 2019, 13, S5. | 1.3 | 0 |
| 60 | Pediatric Cardiac MR Imaging:. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 243-262. | 1.1 | 14 |
| 61 | Multimodality imaging of left atrium in patients with atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2019, 13, 340-346. | 1.3 | 36 |
| 62 | Stress Dynamic Computed Tomography Perfusion Versus Fractional Flow Reserve CT Derived In Suspected Coronary Artery Disease. Journal of Cardiovascular Computed Tomography, 2019, 13, S38. | 1.3 | 2 |
| 63 | 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 |
| 64 | Development and testing of a deep learning-based strategy for scar segmentation on CMR-LGE images. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 187-195. | 2.0 | 69 |
| 65 | 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 |
| 66 | Left atrial appendage closure guided by 3D computed tomography printing technology: A case control study. Journal of Cardiovascular Computed Tomography, 2019, 13, 336-339. | 1.3 | 21 |
| 67 | Stress Computed Tomography Perfusion Versus Fractional Flow Reserve CT Derived in Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 1487-1497. | 5.3 | 78 |
| 68 | Incremental Diagnostic Value of Stress Computed Tomography Myocardial Perfusion With Whole-Heart Coverage CT Scanner in Intermediate- to High-Risk Symptomatic Patients Suspected of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 338-349. | 5.3 | 75 |
| 69 | Association Between Haptoglobin Phenotype and Microvascular Obstruction in Patients With STEMI. JACC: Cardiovascular Imaging, 2019, 12, 1007-1017. | 5.3 | 15 |
| 70 | The role of 3D imaging in the follow-up of patients with repaired tetralogy of Fallot. European Review for Medical and Pharmacological Sciences, 2019, 23, 1698-1709. | 0.7 | 15 |
| 71 | Echocardiography in Athletes in Primary Prevention of Sudden Death. Journal of Cardiovascular Echography, 2019, 29, 139. | 0.4 | 19 |
| 72 | A noise-optimized virtual monoenergetic reconstruction algorithm improves the diagnostic accuracy of late hepatic arterial phase dual-energy CT for the detection of hypervascular liver lesions. European Radiology, 2018, 28, 3393-3404. | 4.5 | 55 |

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|----|---|-----|-----------|
| 73 | Prognostic relevance of subclinical coronary and carotid atherosclerosis in a diabetic and nondiabetic asymptomatic population. <i>Clinical Cardiology</i> , 2018, 41, 769-777. | 1.8 | 16 |
| 74 | 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 |
| 75 | Letter by Guaricci et al Regarding Article, "Cardiovascular Magnetic Resonance to Predict Appropriate Implantable Cardioverter Defibrillator Therapy in Ischemic and Nonischemic Cardiomyopathy Patients Using Late Gadolinium Enhancement Border Zone: Comparison of Four Analysis Methods". <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007213. | 2.6 | 3 |
| 76 | 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 |
| 77 | Cardiac Magnetic Resonance T1-Mapping of the Myocardium. <i>Journal of Thoracic Imaging</i> , 2018, 33, 71-80. | 1.5 | 39 |
| 78 | Technical Feasibility of a Combined Noncontrast Magnetic Resonance Protocol for Preoperative Transcatheter Aortic Valve Replacement Evaluation. <i>Journal of Thoracic Imaging</i> , 2018, 33, 60-67. | 1.5 | 18 |
| 79 | 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. <i>International Journal of Cardiology</i> , 2018, 273, 263-268. | 1.7 | 22 |
| 80 | Prognostic Value and Therapeutic Perspectives of Coronary CT Angiography: A Literature Review. <i>BioMed Research International</i> , 2018, 2018, 1-13. | 1.9 | 10 |
| 81 | Coronary Atherosclerosis Assessment by Coronary CT Angiography in Asymptomatic Diabetic Population: A Critical Systematic Review of the Literature and Future Perspectives. <i>BioMed Research International</i> , 2018, 2018, 1-13. | 1.9 | 8 |
| 82 | CT angiography prior to TAVI procedure using third-generation scanner with wide volume coverage: feasibility, renal safety and diagnostic accuracy for coronary tree. <i>British Journal of Radiology</i> , 2018, 91, 20180196. | 2.2 | 40 |
| 83 | Quantitative vs. qualitative evaluation of static stress computed tomography perfusion to detect haemodynamically significant coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1244-1252. | 1.2 | 21 |
| 84 | Rationale and design of advantage (additional diagnostic value of CT perfusion over coronary CT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 | 1.3 | 9 |
| 85 | Aneurysm of Vieussens's arterial ring in a patient studied with coronary computed tomography. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 696-697. | 1.5 | 1 |
| 86 | Effect of inversion time on the precision of myocardial late gadolinium enhancement quantification evaluated with synthetic inversion recovery MR imaging. <i>European Radiology</i> , 2017, 27, 3235-3243. | 4.5 | 7 |
| 87 | Accuracy of Noncontrast Quiescent-Interval Single-Shot Lower Extremity MR Angiography Versus CT Angiography for Diagnosis of Peripheral Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1116-1124. | 5.3 | 47 |
| 88 | Utility of Cardiac Magnetic Resonance Imaging in the Management of Adult Congenital Heart Disease. <i>Journal of Thoracic Imaging</i> , 2017, 32, 233-244. | 1.5 | 26 |
| 89 | Pictorial Review of Surgical Anatomy in Adult Congenital Heart Disease. <i>Journal of Thoracic Imaging</i> , 2017, 32, 217-232. | 1.5 | 8 |
| 90 | Role of Cardiac Magnetic Resonance Imaging in Myocardial Infarction. <i>Current Cardiology Reports</i> , 2017, 19, 101. | 2.9 | 12 |

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|-----|---|-----|-----------|
| 91 | Prognostic Stratification of Patients With ST-Segmentâ€Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, . | 2.6 | 48 |
| 92 | T(Rho) and magnetization transfer and INvErsion recovery (TRAMINER)â€Eprepared imaging: A novel contrastâ€Enhanced flowâ€Independent darkâ€Blood technique for the evaluation of myocardial late gadolinium enhancement in patients with myocardial infarction. Journal of Magnetic Resonance Imaging, 2017, 45, 1429-1437. | 3.4 | 36 |
| 93 | 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 |
| 94 | Results of Late Gadolinium Enhancement in Children Affected by Dilated Cardiomyopathy. Frontiers in Pediatrics, 2017, 5, 13. | 1.9 | 9 |
| 95 | Cutting edge clinical applications in cardiovascular magnetic resonance. World Journal of Radiology, 2017, 9, 1. | 1.1 | 10 |
| 96 | Semiautomated Global Quantification of Left Ventricular Myocardial Perfusion at Stress Dynamic CT:. Academic Radiology, 2016, 23, 429-437. | 2.5 | 15 |
| 97 | Virtual unenhanced imaging of the liver with third-generation dual-source dual-energy CT and advanced modeled iterative reconstruction. European Journal of Radiology, 2016, 85, 1257-1264. | 2.6 | 53 |
| 98 | 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 |
| 99 | 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 |
| 100 | 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 |
| 101 | Accuracy of a prototype dark blood late gadolinium enhancement technique for the detection and quantification of myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2016, 18, Q65. | 3.3 | 1 |
| 102 | Coronary CT angiography in obese patients using 3rd generation dual-source CT: effect of body mass index on image quality. European Radiology, 2016, 26, 2937-2946. | 4.5 | 26 |
| 103 | Multicenter review: role of cardiovascular magnetic resonance in diagnostic evaluation, pre-procedural planning and follow-up for patients with congenital heart disease. Radiologia Medica, 2016, 121, 342-351. | 7.7 | 20 |
| 104 | Approaches to ultra-low radiation dose coronary artery calcium scoring based on 3rd generation dual-source CT: A phantom study. European Journal of Radiology, 2016, 85, 39-47. | 2.6 | 29 |
| 105 | Myocardial Late Gadolinium Enhancement: Accuracy of T1 Mappingâ€Ebased Synthetic Inversion-Recovery Imaging. Radiology, 2016, 278, 374-382. | 7.3 | 23 |
| 106 | Prevalence and distribution of colonic diverticula assessed with CT colonography (CTC). European Radiology, 2016, 26, 639-645. | 4.5 | 35 |
| 107 | Impact of an advanced image-based monoenergetic reconstruction algorithm on coronary stent visualization using third generation dual-source dual-energy CT: a phantom study. European Radiology, 2016, 26, 1871-1878. | 4.5 | 50 |
| 108 | Clinical feasibility of a myocardial signal intensity threshold-based semi-automated cardiac magnetic resonance segmentation method. European Radiology, 2016, 26, 1503-1511. | 4.5 | 36 |

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|-----|---|-----|-----------|
| 109 | Transcatheter Aortic Valve Replacement. Journal of Thoracic Imaging, 2015, 30, 349-358. | 1.5 | 13 |
| 110 | Imaging in Minimally Invasive Mitral Valve Repair. Journal of Thoracic Imaging, 2015, 30, 378-385. | 1.5 | 5 |
| 111 | Absolute Versus Relative Myocardial Blood Flow by Dynamic CT Myocardial Perfusion Imaging in Patients With Anatomic Coronary Artery Disease. American Journal of Roentgenology, 2015, 205, W67-W72. | 2.2 | 36 |
| 112 | Spatial QT Dispersion Predicts Nonsustained Ventricular Tachycardia and Correlates with Confined Systodiastolic Dysfunction in Hypertrophic Cardiomyopathy. Cardiology, 2015, 131, 122-129. | 1.4 | 5 |
| 113 | Technical prerequisites and imaging protocols for dynamic and dual energy myocardial perfusion imaging. European Journal of Radiology, 2015, 84, 2401-2410. | 2.6 | 21 |
| 114 | Overview of Myocardial T1 Mapping Applications. Current Radiology Reports, 2015, 3, 1. | 1.4 | 0 |
| 115 | Dual Energy CT in Liver Tumors. , 2015, , 59-73. | | 0 |
| 116 | Determinants of peak oxygen uptake in patients with hypertrophic cardiomyopathy: a single-center study. Internal and Emergency Medicine, 2014, 9, 293-302. | 2.0 | 18 |
| 117 | Myocardial Repolarization Dispersion and Late Gadolinium Enhancement in Patients With Hypertrophic Cardiomyopathy. Circulation Journal, 2014, 78, 1216-1223. | 1.6 | 11 |
| 118 | Reconstruction of the Superior Vena Cava by Biologic Conduit: Assessment of Long-Term Patency by Magnetic Resonance Imaging. Annals of Thoracic Surgery, 2013, 96, 1039-1045. | 1.3 | 12 |
| 119 | Second-Generation Dual-Energy Computed Tomography of the Abdomen. Journal of Computer Assisted Tomography, 2013, 37, 543-546. | 0.9 | 27 |
| 120 | Dual-Energy CT: Oncologic Applications. American Journal of Roentgenology, 2012, 199, S98-S105. | 2.2 | 156 |
| 121 | The Importance of Age, Sex, and Body Surface Area in Cardiovascular Dimensions Analysis. American Journal of Roentgenology, 2011, 197, W966-W966. | 2.2 | 1 |
| 122 | Automated Left and Right Chamber Segmentation in Cardiac MRI Using Dense Fully Convolutional Neural Network. , 0, , . | | 0 |