# Domenico Mastrodicasa

List of Publications by Year
in descending order

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|---|---|---|---|
| 47 papers | 633 citations | 759233<br>12 h-index | 642732<br>23 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 808 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Coronary Artery Calcium Scoring. Investigative Radiology, 2022, 57, 13-22. | 6.2 | 10 |
| 2 | Low-dose coronary calcium scoring CT using a dedicated reconstruction filter for kV-independent calcium measurements. European Radiology, 2022, 32, 4225-4233. | 4.5 | 2 |
| 3 | Conspicuity and muscle-invasiveness assessment for bladder cancer using VI-RADS: a multi-reader, contrast-free MRI study to determine optimal b-values for diffusion-weighted imaging. Abdominal Radiology, 2022, 47, 1862-1872. | 2.1 | 4 |
| 4 | Vieussens' ring coronary collateral circulation: a natural bypass history.. Acta Biomedica, 2022, 93, e2022111. | 0.3 | 0 |
| 5 | Tetralogy of Fallot and Aortic Dissection. JACC: Case Reports, 2022, 4, 581-586. | 0.6 | 3 |
| 6 | Predictive Value of Cardiac CTA, Cardiac MRI, and Transthoracic Echocardiography for Cardioembolic Stroke Recurrence. American Journal of Roentgenology, 2021, 217, 336-346. | 2.2 | 7 |
| 7 | Coronary Computed Tomography Angiography in Diagnosing Obstructive Coronary Artery Disease in Patients with Advanced Chronic Kidney Disease: A Systematic Review and Meta-Analysis. CardioRenal Medicine, 2021, 11, 44-51. | 1.9 | 5 |
| 8 | Bone marrow magnetic resonance imaging: physiologic and pathologic findings that radiologist should know. Radiologia Medica, 2021, 126, 264-276. | 7.7 | 20 |
| 9 | Non-invasive assessment of cirrhosis using multiphasic dual-energy CT iodine maps: correlation with model for end-stage liver disease score. Abdominal Radiology, 2021, 46, 1931-1940. | 2.1 | 2 |
| 10 | Bladder cancer: do we need contrast injection for MRI assessment of muscle invasion? A prospective multi-reader VI-RADS approach. European Radiology, 2021, 31, 3874-3883. | 4.5 | 34 |
| 11 | MRI-based clinical-radiomics model predicts tumor response before treatment in locally advanced rectal cancer. Scientific Reports, 2021, 11, 5379. | 3.3 | 53 |
| 12 | An international survey on AI in radiology in 1,041 radiologists and radiology residents part 1: fear of replacement, knowledge, and attitude. European Radiology, 2021, 31, 7058-7066. | 4.5 | 86 |
| 13 | Emerging methods for the characterization of ischemic heart disease: ultrafast Doppler angiography, micro-CT, photon-counting CT, novel MRI and PET techniques, and artificial intelligence. European Radiology Experimental, 2021, 5, 12. | 3.4 | 13 |
| 14 | An international survey on AI in radiology in 1041 radiologists and radiology residents part 2: expectations, hurdles to implementation, and education. European Radiology, 2021, 31, 8797-8806. | 4.5 | 43 |
| 15 | Diagnostic performance of single-phase dual-energy CT to differentiate vascular and nonvascular incidental renal lesions on portal venous phase: comparison with CT. European Radiology, 2021, 31, 9600-9611. | 4.5 | 5 |
| 16 | A highly-detailed anatomical study of normal pericardial structures as revealed by in-vivo computed tomography and magnetic resonance images and ex-vivo novel 3D reconstructions from Visible Human Server. Imaging, 2021, 13, 1-12. | 0.3 | 1 |
| 17 | Impact of Upstream Medical Image Processing on Downstream Performance of a Head CT Triage Neural Network. Radiology: Artificial Intelligence, 2021, 3, e200229. | 5.8 | 6 |
| 18 | Radiomics-based machine learning differentiates "ground-glass" opacities due to COVID-19 from acute non-COVID-19 lung disease. Scientific Reports, 2021, 11, 17237. | 3.3 | 15 |

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|---|---------|----|-----------|
| 19 | Quantitative image features from radiomic biopsy differentiate oncocytoma from chromophobe renal cell carcinoma. Journal of Medical Imaging, 2021, 8, 054501. | 1.5 | 3 |
| 20 | CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. Journal of Cardiovascular Computed Tomography, 2021, 15, 431-440. | 1.3 | 10 |
| 21 | Aliased Flow Signal Planimetry by Cardiovascular Magnetic Resonance Imaging for Grading Aortic Stenosis Severity: A Prospective Pilot Study. Frontiers in Cardiovascular Medicine, 2021, 8, 752340. | 2.4 | 1 |
| 22 | Multimodality Imaging of Hepatocellular Carcinoma: From Diagnosis to Treatment Response Assessment in Everyday Clinical Practice. Canadian Association of Radiologists Journal, 2021, 72, 714-727. | 2.0 | 2 |
| 23 | Cost-effectiveness of dual-energy CT versus multiphasic single-energy CT and MRI for characterization of incidental indeterminate renal lesions. Abdominal Radiology, 2020, 45, 1896-1906. | 2.1 | 19 |
| 24 | Diffusion-Weighted MR Imaging of Primary and Secondary Lung Cancer: Predictive Value for Response to Transpulmonary Chemoembolization and Transarterial Chemoperfusion. Journal of Vascular and Interventional Radiology, 2020, 31, 301-310. | 0.5 | 3 |
| 25 | Ct-angiography Based Fractional Flow Reserve Compared To Catheter-based, Dobutamine-stress Diastolic Fractional Flow Reserve In Symptomatic Patients With Myocardial Bridges. Journal of Cardiovascular Computed Tomography, 2020, 14, S3. | 1.3 | 0 |
| 26 | Machine learning for endoleak detection after endovascular aortic repair. Scientific Reports, 2020, 10, 18343. | 3.3 | 12 |
| 27 | Value of Machine Learning–based Coronary CT Fractional Flow Reserve Applied to Triple-Rule-Out CT Angiography in Acute Chest Pain. Radiology: Cardiothoracic Imaging, 2020, 2, e190137. | 2.5 | 13 |
| 28 | In-Hospital Cost Comparison of Triple-Rule-Out Computed Tomography Angiography Versus Standard of Care in Patients With Acute Chest Pain. Journal of Thoracic Imaging, 2020, 35, 198-203. | 1.5 | 2 |
| 29 | AppendiXNet: Deep Learning for Diagnosis of Appendicitis from A Small Dataset of CT Exams Using Video Pretraining. Scientific Reports, 2020, 10, 3958. | 3.3 | 60 |
| 30 | Computed Tomographic Angiography–Based Fractional Flow Reserve Compared With Catheter-Based Dobutamine-Stress Diastolic Fractional Flow Reserve in Symptomatic Patients With a Myocardial Bridge and No Obstructive Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2020, 13, e009576. | 2.6 | 3 |
| 31 | Deep Reinforcement Learning for Localization of the Aortic Annulus in Patients with Aortic Dissection. Lecture Notes in Computer Science, 2020, , 94-105. | 1.3 | 5 |
| 32 | Tumor detectability and conspicuity comparison of standard b1000 and ultrahigh b2000 diffusion-weighted imaging in rectal cancer. Abdominal Radiology, 2019, 44, 3595-3605. | 2.1 | 24 |
| 33 | Multiple liver pseudotumors due to hepatic steatosis and fatty sparing: A non-invasive imaging approach. European Journal of Radiology Open, 2019, 6, 56-59. | 1.6 | 6 |
| 34 | Dual-Energy CT of the Pancreas. Seminars in Ultrasound, CT and MRI, 2019, 40, 509-514. | 1.5 | 15 |
| 35 | Prognostic value of CT myocardial perfusion imaging and CT-derived fractional flow reserve for major adverse cardiac events in patients with coronary artery disease. Journal of Cardiovascular Computed Tomography, 2019, 13, 26-33. | 1.3 | 45 |
| 36 | Prenatal planning of placenta previa: diagnostic accuracy of a novel MRI-based prediction model for placenta accreta spectrum (PAS) and clinical outcome. Abdominal Radiology, 2019, 44, 1873-1882. | 2.1 | 41 |

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|---|---------|----|-----------| 
| 37 | Prevalence and Clinical Relevance of Extracardiac Findings in Cardiovascular Magnetic Resonance Imaging. Journal of Thoracic Imaging, 2019, 34, 48-55. | 1.5 | 10 |
| 38 | Computer-assisted detection of acute pulmonary embolism at CT pulmonary angiography in children and young adults: a diagnostic performance analysis. Acta Radiologica, 2019, 60, 1011-1019. | 1.1 | 1 |
| 39 | Artificial intelligence machine learning-based coronary CT fractional flow reserve (CT-FFRML): Impact of iterative and filtered back projection reconstruction techniques. Journal of Cardiovascular Computed Tomography, 2019, 13, 331-335. | 1.3 | 21 |
| 40 | Nonbinary quantification technique accounting for myocardial infarct heterogeneity: Feasibility of applying percent infarct mapping in patients. Journal of Magnetic Resonance Imaging, 2018, 48, 788-798. | 3.4 | 3 |
| 41 | Quantitative inversion time prescription for myocardial late gadolinium enhancement using T1-mapping-based synthetic inversion recovery imaging: reducing subjectivity in the estimation of inversion time. International Journal of Cardiovascular Imaging, 2018, 34, 921-929. | 1.5 | 4 |
| 42 | Cardiac implantable electronic devices and chemotherapy: A risky combination. Cor Et Vasa, 2018, 60, e469-e471. | 0.1 | 4 |
| 43 | The Multi-modality Cardiac Imaging Approach to Cardiac Sarcoidosis. Current Medical Imaging, 2018, 15, 10-20. | 0.8 | 6 |
| 44 | New Imaging Techniques for Atherosclerotic Plaque Characterization. Current Radiology Reports, 2017, 5, 1. | 1.4 | 2 |
| 45 | Results of Late Gadolinium Enhancement in Children Affected by Dilated Cardiomyopathy. Frontiers in Pediatrics, 2017, 5, 13. | 1.9 | 9 |
| 46 | Uncommon Isolated Unilocular Myocardial Cyst in a Dog-Friendly Young Female Patientâ€â€" Multimodality Imaging â€". Circulation Journal, 2017, 81, 1056-1058. | 1.6 | 0 |
| 47 | Unexplained Cardiac Arrest After Near Drowning in a Young Experienced Swimmer: Insight from Cardiovascular Magnetic Resonance Imaging. Iranian Journal of Radiology, 2016, 13, e36779. | 0.2 | 0 |