

Iacopo Carbone

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

5,460
citations

147801

31
h-index

82547

72
g-index

111
all docs

111
docs citations

111
times ranked

6493
citing authors

#	ARTICLE	IF	CITATIONS
1	Rectal cancer response to neoadjuvant chemoradiotherapy evaluated with MRI: Development and validation of a classification algorithm. European Journal of Radiology, 2022, 147, 110146.	2.6	5
2	Role of magnetic resonance cholangiopancreatography in choledocholithiasis. Journal of Clinical Ultrasound, 2022, 50, 254-255.	0.8	0
3	Protective Value of Aspirin Loading Dose on Left Ventricular Remodeling After ST-Elevation Myocardial Infarction. Frontiers in Cardiovascular Medicine, 2022, 9, 786509.	2.4	5
4	Pneumonia Frequency and Severity in Patients With Symptomatic COVID-19: Impact of mRNA and Adenovirus Vector Vaccines. American Journal of Roentgenology, 2022, 219, 752-761.	2.2	4
5	Sex-specific effects of daily tadalafil on diabetic heart kinetics in RECOGITO, a randomized, double-blind, placebo-controlled trial. Science Translational Medicine, 2022, 14, .	12.4	24
6	A narrative review on current imaging applications of artificial intelligence and radiomics in oncology: focus on the three most common cancers. Radiologia Medica, 2022, 127, 819-836.	7.7	53
7	Radiological outpatient visits to avoid inappropriate cardiac CT examinations: an 8-year experience report. Radiologia Medica, 2021, 126, 214-220.	7.7	7
8	Diagnostic accuracy and interobserver variability of CO-RADS in patients with suspected coronavirus disease-2019: a multireader validation study. European Radiology, 2021, 31, 1932-1940.	4.5	38
9	Diabetic Cardiomyopathy Progression is Triggered by miR122-5p and Involves Extracellular Matrix. JACC: Cardiovascular Imaging, 2021, 14, 1130-1142.	5.3	29
10	Use of the new Lake Louise Criteria improves CMR detection of atypical forms of acute myocarditis. International Journal of Cardiovascular Imaging, 2021, 37, 1395-1404.	1.5	25
11	Optimization of contrast medium volume for abdominal CT in oncologic patients: prospective comparison between fixed and lean body weight-adapted dosing protocols. Insights Into Imaging, 2021, 12, 40.	3.4	14
12	Clinical Implications of Monogenic Versus Polygenic Hypercholesterolemia: Long-Term Response to Treatment, Coronary Atherosclerosis Burden, and Cardiovascular Events. Journal of the American Heart Association, 2021, 10, e018932.	3.7	24
13	Low-volume reduced bowel preparation regimen for CT colonography: a randomized noninferiority trial. Abdominal Radiology, 2021, 46, 4556-4566.	2.1	2
14	Preoperative measurement of the hiatal surface with MDCT: impact on surgical planning. Radiologia Medica, 2021, , 1.	7.7	7
15	Hepatic pseudolesion as an unusual presentation of Fitz-Hugh-Curtis syndrome. Radiology Case Reports, 2021, 16, 3060-3063.	0.6	0
16	Myocarditis: imaging up to date. Radiologia Medica, 2020, 125, 1124-1134.	7.7	38
17	Diagnostic Yield of Computed Tomography for the Identification of Coronavirus Disease 2019 Using Repeated Reverse Transcriptase Polymerase Chain Reaction Testing or Confirmed True-Negative State as Reference Standard: Systematic Review and Meta-Analysis. Journal of Computer Assisted Tomography, 2020, 44, 812-820.	0.9	4
18	Spontaneous pneumomediastinum as the only CT finding in an asymptomatic adolescent positive for COVID-19. BJR case Reports, 2020, 6, 20200051.	0.2	7

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19	Early myocardial damage and microvascular dysfunction in asymptomatic patients with systemic sclerosis: A cardiovascular magnetic resonance study with cold pressor test. PLoS ONE, 2020, 15, e0244282.	2.5	17
20	Splenic Blood Flow Increases after Hypothermic Stimulus (Cold Pressor Test): A Perfusion Magnetic Resonance Study. BioMed Research International, 2019, 2019, 1-7.	1.9	2
21	Role of autonomic dysfunction in the regulation of myocardial blood flow in systemic sclerosis evaluated by cardiac magnetic resonance. International Journal of Rheumatic Diseases, 2019, 22, 1029-1035.	1.9	5
22	Systematic Review and Meta-Analysis Investigating the Diagnostic Yield of Dual-Energy CT for Renal Mass Assessment. American Journal of Roentgenology, 2019, 212, 1044-1053.	2.2	13
23	The Role of Contrast-Enhanced Imaging for Colorectal Cancer Management. Current Colorectal Cancer Reports, 2019, 15, 181-189.	0.5	2
24	Microvascular obstruction extent predicts major adverse cardiovascular events in patients with acute myocardial infarction and preserved ejection fraction. European Radiology, 2019, 29, 2369-2377.	4.5	36
25	Aortic valvular imaging with cardiovascular magnetic resonance: seeking for comprehensiveness. British Journal of Radiology, 2019, 92, 20170868.	2.2	3
26	Layered enhancement at magnetic resonance enterography in inflammatory bowel disease: A meta-analysis. World Journal of Gastroenterology, 2019, 25, 4555-4566.	3.3	8
27	Myocardial fibrosis in systemic sclerosis assessed by cardiac magnetic resonance is associated with vascular endothelial growth factor expression. Clinical and Experimental Rheumatology, 2019, 37 Suppl 119, 158.	0.8	0
28	Cardiovascular Magnetic Resonance in Nonischemic Myocardial Inflammation. Journal of the American College of Cardiology, 2018, 72, 3158-3176.	2.8	1,269
29	Fatty Images of the Heart: Spectrum of Normal and Pathological Findings by Computed Tomography and Cardiac Magnetic Resonance Imaging. BioMed Research International, 2018, 2018, 1-13.	1.9	30
30	A feasible and automatic free tool for T1 and ECV mapping. Physica Medica, 2017, 33, 47-55.	0.7	15
31	Early myocardial gadolinium enhancement in patients with myocarditis: Validation of Lake Louise consensus criteria using a single bolus of 0.1 mmol/Kg of a high relaxivity gadolinium-based contrast agent. European Journal of Radiology, 2017, 95, 89-95.	2.6	4
32	PDE5 Inhibition Ameliorates Visceral Adiposity Targeting the miR-22/SIRT1 Pathway: Evidence From the CECSID Trial. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1525-1534.	3.6	48
33	Right ventricular concentric hypertrophy and clinical worsening in idiopathic pulmonary arterial hypertension. Journal of Heart and Lung Transplantation, 2016, 35, 1321-1329.	0.6	28
34	Diagnosis of pneumothorax without exposure to ionising radiation. Thorax, 2016, 71, 1068-1069.	5.6	1
35	The cardiac magnetic resonance in the diagnosis of cardiac Raynaud phenomenon in a patient with systemic sclerosis: case report and review of literature. Expert Review of Clinical Immunology, 2016, 12, 251-255.	3.0	10
36	Lights and shadows of cardiac magnetic resonance imaging in acute myocarditis. Insights Into Imaging, 2016, 7, 99-110.	3.4	25

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37	Impact of Heart Rate on Myocardial Salvage in Timely Reperfused Patients with ST-Segment Elevation Myocardial Infarction: New Insights from Cardiovascular Magnetic Resonance. PLoS ONE, 2015, 10, e0145495.	2.5	10
38	Importance of Reference Muscle Selection in Quantitative Signal Intensity Analysis of T2-Weighted Images of Myocardial Edema Using a T2 Ratio Method. BioMed Research International, 2015, 2015, 1-9.	1.9	17
39	Automatic software for extracellular volume fraction mapping in the myocardium. Journal of Cardiovascular Magnetic Resonance, 2015, 17, W34.	3.3	0
40	Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients. The smoker's paradox revisited by CMR. Journal of Cardiovascular Magnetic Resonance, 2015, 17, Q62.	3.3	0
41	Tracheal Bronchus: High Resolution Computed Tomography diagnosis in a symptomatic patient. European Journal of Radiology Open, 2015, 2, 1-2.	1.6	3
42	Italian Registry of Cardiac Computed Tomography. Radiologia Medica, 2015, 120, 919-929.	7.7	20
43	Evaluation of early myocardial damage in systemic sclerosis (SSc): a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P264.	3.3	1
44	Validation of early myocardial gadolinium enhancement (EGE) evaluation with the Lake Louise consensus criteria in patients with suspected myocarditis using a single bolus of 0.1 mmol/Kg of a high relaxivity gadolinium-based contrast agent. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P292.	3.3	0
45	Iatrogenic left common iliac artery and vein perforation during lumbar discectomy: A fatal case. Forensic Science International, 2015, 246, e7-e11.	2.2	15
46	CT Imaging of Coronary Arteries. , 2015, , 29-60.		0
47	Integrated CT and MR imaging in alcohol-related isolated left ventricular fatty infiltration. European Heart Journal Cardiovascular Imaging, 2014, 15, 1230-1230.	1.2	1
48	Utility of cardiac magnetic resonance (CMR) in the evaluation of right ventricular (RV) involvement in patients with myocardial infarction (MI). Radiologia Medica, 2014, 119, 309-317.	7.7	3
49	CMR Sensitivity Varies With Clinical Presentation and Extent of Cell Necrosis in Biopsy-Proven Acute Myocarditis. JACC: Cardiovascular Imaging, 2014, 7, 254-263.	5.3	177
50	Ultra low-dose of gadobenate dimeglumine for late gadolinium enhancement (LGE) imaging in acute myocardial infarction: A feasibility study. European Journal of Radiology, 2014, 83, 2151-2158.	2.6	11
51	Italian registry of cardiac magnetic resonance. European Journal of Radiology, 2014, 83, e15-e22.	2.6	22
52	Right ventricular cardiovascular magnetic resonance imaging: normal anatomy and spectrum of pathological findings. Insights Into Imaging, 2013, 4, 213-223.	3.4	47
53	Prodromal angina is associated with myocardial salvage in acute ST-segment elevation myocardial infarction. European Heart Journal Cardiovascular Imaging, 2013, 14, 1041-1048.	1.2	19
54	Myocardial oedema as the sole marker of acute injury in Takotsubo cardiomyopathy: a cardiovascular magnetic resonance (CMR) study. Radiologia Medica, 2013, 118, 1309-1323.	7.7	30

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55	Autoâ€Threshold quantification of late gadolinium enhancement in patients with acute heart disease. Journal of Magnetic Resonance Imaging, 2013, 37, 382-390.	3.4	47
56	Chronic Inhibition of cGMP Phosphodiesterase 5A Improves Diabetic Cardiomyopathy. Circulation, 2012, 125, 2323-2333.	1.6	171
57	Impact of gender differences on myocardial salvage and post-ischaemic left ventricular remodelling after primary coronary angioplasty: new insights from cardiovascular magnetic resonance. European Heart Journal Cardiovascular Imaging, 2012, 13, 948-953.	1.2	40
58	Patterns of myocardial late enhancement: Typical and atypical features. Archives of Cardiovascular Diseases, 2012, 105, 300-308.	1.6	33
59	High concentration (400mgI/mL) versus low concentration (320mgI/mL) iodinated contrast media in multi detector computed tomography of the liver: A randomized, single centre, non-inferiority study. European Journal of Radiology, 2012, 81, 3096-3101.	2.6	15
60	Clinical indications for cardiac computed tomography. From the Working Group of the Cardiac Radiology Section of the Italian Society of Medical Radiology (SIRM). Radiologia Medica, 2012, 117, 901-938.	7.7	51
61	Myocardial Edema Imaging by Cardiovascular Magnetic Resonance: Current Status and Future Potential. Current Cardiology Reports, 2012, 14, 1-6.	2.9	22
62	Adolescent Kawasaki disease: usefulness of 64-slice CT coronary angiography for follow-up investigation. Pediatric Radiology, 2011, 41, 1165-1173.	2.0	27
63	Utility of T2-weighted short-tau inversion recovery (STIR) sequences in cardiac MRI: an overview of clinical applications in ischaemic and non-ischaemic heart disease. Radiologia Medica, 2011, 116, 32-46.	7.7	53
64	Clinical Characteristics and Cardiovascular Magnetic Resonance Findings in Stress (Takotsubo) Cardiomyopathy. JAMA - Journal of the American Medical Association, 2011, 306, 277-86.	7.4	636
65	Relationship between location and size of myocardial infarction and their reciprocal influences on post-infarction left ventricular remodelling. European Heart Journal, 2011, 32, 1640-1648.	2.2	129
66	A multicenter randomized study to evaluate intracoronary abciximab with the ClearWay catheter to improve outcomes with Lysis (IC ClearLy): trial study design and rationale. Journal of Cardiovascular Medicine, 2010, 11, 529-535.	1.5	11
67	Endomyocardial Disease Related to Idiopathic Hypereosinophilic Syndrome: A Cardiac Magnetic Resonance Evaluation. Pediatric Cardiology, 2010, 31, 921-922.	1.3	7
68	â€Pseudoaneurysmâ€ of the Superior Vena Cava: An Unusual Complication After Surgical Replacement of the Ascending Aorta. Annals of Thoracic Surgery, 2010, 89, 1676.	1.3	1
69	Pathophysiology of Dynamic Left Ventricular Outflow Tract Obstruction in a Critically Ill Patient. Echocardiography, 2010, 27, E122-4.	0.9	12
70	Circumflex coronary arteryâ€coronary sinus fistula: computed tomography angiography imaging. European Journal of Cardio-thoracic Surgery, 2010, 38, 807-808.	1.4	4
71	Right Ventricular Ischemic Injury in Patients With Acute ST-Segment Elevation Myocardial Infarction. Circulation, 2010, 122, 1405-1412.	1.6	98
72	Computed tomography angiography: uncommon findings in an adult patient with unrepaired Tetralogy of Fallot. European Heart Journal, 2010, 31, 2843-2843.	2.2	0

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73	Right Ventricular Late Enhancement as a Magnetic Resonance Marker of Glycogen Storage Disease. <i>Circulation</i> , 2010, 122, 189-190.	1.6	6
74	Four-dimensional cardiac computed tomography in mitral valve endocarditis obstructing the left ventricle outflow tract. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1473.	1.4	0
75	Role of multidetector CT in the evaluation of coronary artery bypass grafts. <i>Imaging in Medicine</i> , 2010, 2, 77-86.	0.0	4
76	Three-dimensional magnetic resonance imaging of Kommerell diverticulum in a child with recurrent dysphagia. <i>Journal of Pediatric Surgery</i> , 2010, 45, 2092-2093.	1.6	1
77	Progression of Coronary Artery Calcification in Renal Transplantation and the Role of Secondary Hyperparathyroidism and Inflammation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 685-690.	4.5	82
78	â€œHook-wireâ€™ breast marker migrating to the heart. <i>European Heart Journal</i> , 2009, 30, 1613-1613.	2.2	4
79	Imaging coronary and extracoronary atherosclerosis: feasibility and impact of whole-body computed tomography angiography. <i>European Radiology</i> , 2009, 19, 1704-1714.	4.5	15
80	Double superior vena cava: Right connected to left atrium and left to coronary sinus. <i>International Journal of Cardiology</i> , 2009, 131, e78-e80.	1.7	9
81	Early detection of coronary artery disease by 64-slice multidetector computed tomography in asymptomatic hypertensive high-risk patients. <i>International Journal of Cardiology</i> , 2009, 135, 280-286.	1.7	19
82	Thrombus Aspiration During Primary Percutaneous Coronary Intervention Improves Myocardial Reperfusion and Reduces Infarct Size. <i>Journal of the American College of Cardiology</i> , 2009, 53, 309-315.	2.8	341
83	Impact of Primary Coronary Angioplasty Delay on Myocardial Salvage, Infarct Size, and Microvascular Damage in Patients With ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2145-2153.	2.8	258
84	Clinical Experience with Pheochromocytoma in a Single Centre Over 16 Years. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2009, 16, 183-193.	2.2	29
85	64-MDCT imaging of the coronary arteries and systemic arterial vascular tree in a single examination: optimisation of the scan protocol and contrast-agent administration. <i>Radiologia Medica</i> , 2008, 113, 799-816.	7.7	7
86	Non-invasive evaluation of coronary artery stent patency with retrospectively ECG-gated 64-slice CT angiography. <i>European Radiology</i> , 2008, 18, 234-243.	4.5	51
87	Diagnostic accuracy of bedside ultrasonography in the ICU: feasibility of detecting pulmonary effusion and lung contusion in patients on respiratory support after severe blunt thoracic trauma. <i>Acta Anaesthesiologica Scandinavica</i> , 2008, 52, 776-784.	1.6	94
88	Tomographic Left Ventricular Volumetric Emptying Analysis by Real-Time 3-Dimensional Echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 41-49.	2.6	13
89	Right-sided aortic arch with Kommerell's diverticulum: 64-DCTA with 3D reconstructions. <i>Thorax</i> , 2008, 63, 662-662.	5.6	6
90	Dose Reduction and Image Quality Assessment in 64-Detector Row Computed Tomography of the Coronary Arteries Using an Automatic Exposure Control System. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 668-678.	0.9	8

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91	Serum Levels of Calcification Inhibition Proteins and Coronary Artery Calcium Score: Comparison between Transplantation and Dialysis. American Journal of Nephrology, 2007, 27, 75-83.	3.1	51
92	Noninvasive imaging of the coronary arteries using a 64-row multidetector CT scanner: initial clinical experience and radiation dose concerns. Radiologia Medica, 2007, 112, 31-46.	7.7	35
93	Abstract 3012: Impact of Thromboaspiration during Primary PCI on Microvascular Damage and Infarct Size: Acute and Long term ce-MRI Evaluation.. Circulation, 2007, 116, .	1.6	0
94	Effects of levosimendan on right ventricular afterload in patients with acute respiratory distress syndrome: A pilot study*. Critical Care Medicine, 2006, 34, 2287-2293.	0.9	283
95	The calcium sensitizer levosimendan improves carbon monoxide poisoning related stunned myocardium: a cardiac magnetic resonance study. Acta Anaesthesiologica Scandinavica, 2006, 50, 897-898.	1.6	4
96	ECG-gated multi-detector row spiral CT in the assessment of myocardial infarction: correlation with non-invasive angiographic findings. European Radiology, 2006, 16, 15-24.	4.5	76
97	Noninvasive evaluation of gastric tube blood supply with multislice computed tomography. European Journal of Cardio-thoracic Surgery, 2006, 30, 190-190.	1.4	0
98	Lo studio delle valvole e la perfusione cardiaca. , 2006, , 168-186.		0
99	Visualization of right atrial tumor mass with transesophageal echocardiography through nasal way (TEENW). Journal of the American Society of Echocardiography, 2005, 18, 69-70.	2.8	2
100	Contrast-enhanced computed tomographic colonography in the follow-up of colorectal cancer patients: a feasibility study. European Radiology, 2003, 13, 883-889.	4.5	51
101	Hepatocellular Carcinoma: Detection with Triple-Phase Multi-Phase Detector Row Helical CT in Patients with Chronic Hepatitis. Radiology, 2003, 226, 543-549.	7.3	132
102	Stool Tagging Applied in Thin-slice Multidetector Computed Tomography Colonography. Journal of Computer Assisted Tomography, 2003, 27, 132-139.	0.9	57
103	Computed Tomographic Colonography (Virtual Colonoscopy): Blinded Prospective Comparison with Conventional Colonoscopy for the Detection of Colorectal Neoplasia. Endoscopy, 2002, 34, 441-446.	1.8	50
104	Detection of colorectal lesions with virtual computed tomographic colonography. American Journal of Surgery, 2002, 183, 124-131.	1.8	111
105	Polyethylene Glycol Solution as an Oral Contrast Agent for MR Imaging of the Small Bowel. Academic Radiology, 2002, 9, S355-S356.	2.5	12
106	Multislice CT colonography: Technical developments. Seminars in Ultrasound, CT and MRI, 2001, 22, 425-431.	1.5	19
107	Prenatal testicular torsion: sonographic appearance in the newborn infant. European Radiology, 2001, 11, 2589-2592.	4.5	20
108	Laparoscopic and intraoperative ultrasound. European Journal of Radiology, 1998, 27, S207-S214.	2.6	27

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109	Sex-Specific Effects of Daily Tadalafil on Contraction Kinetics of the Diabetic Heart. The RECOGITO Randomized, Double-Blind, Placebo-Controlled Trial. SSRN Electronic Journal, 0, , .	0.4	0