Marco Gatti

List of Publications by Year in Descending Order

52 papers	453 citations	13 h-index	18 g-index
54 ext. papers	709 ext. citations	4.8 avg, IF	3.68 L-index

#	Paper	IF	Citations
52	Convolutional Neural Network-Based Automatic Analysis of Chest Radiographs for the Detection of COVID-19 Pneumonia: A Prioritizing Tool in the Emergency Department, Phase I Study and Preliminary "Real Life" Results.. *Diagnostics*, **2022**, 12,	3.8	1
51	Diagnostic accuracy of coronary computed tomography angiography for the evaluation of obstructive coronary artery disease in patients referred for transcatheter aortic valve implantation: a systematic review and meta-analysis.. *European Radiology*, **2022**, 1	8	2
50	mEPE-score: a comprehensive grading system for predicting pathologic extraprostatic extension of prostate cancer at multiparametric magnetic resonance imaging.. *European Radiology*, **2022**, 1	8	0
49	Cardiac magnetic resonance imaging of myocarditis and pericarditis following COVID-19 vaccination: a multicenter collection of 27 cases.. *European Radiology*, **2022**, 1	8	2
48	Machine Learning-Based Prediction of Pathological Upgrade From Combined Transperineal Systematic and MRI-Targeted Prostate Biopsy to Final Pathology: A Multicenter Retrospective Study.. *Frontiers in Oncology*, **2022**, 12, 785684	5.3	0
47	MRI-based radiomics to predict response in locally advanced rectal cancer: comparison of manual and automatic segmentation on external validation in a multicentre study.. *European Radiology Experimental*, **2022**, 6, 19	4.5	1
46	Benign focal liver lesions: The role of magnetic resonance imaging. *World Journal of Hepatology*, **2022**, 14, 923-943	3.4	0
45	Myocardial Late Contrast Enhancement CT in Troponin-Positive Acute Chest Pain Syndrome. *Radiology*, **2021**, 211288	20.5	3
44	Cardiovascular magnetic resonance of cardiac tumors and masses.. *World Journal of Cardiology*, **2021**, 13, 628-649	2.1	3
43	Emergency room comprehensive assessment of demographic, radiological, laboratory and clinical data of patients with COVID-19: determination of its prognostic value for in-hospital mortality. *Internal and Emergency Medicine*, **2021**, 1	3.7	4
42	Quantitative assessment of HCC wash-out on CT is a predictor of early complete response to TACE. *European Radiology*, **2021**, 31, 6578-6588	8	4
41	Feature tracking myocardial strain analysis in patients with bileaflet mitral valve prolapse: relationship with LGE and arrhythmias. *European Radiology*, **2021**, 31, 7273-7282	8	2
40	MRI index lesion radiomics and machine learning for detection of extraprostatic extension of disease: a multicenter study. *European Radiology*, **2021**, 31, 7575-7583	8	13
39	State of the Art in Artificial Intelligence and Radiomics in Hepatocellular Carcinoma. *Diagnostics*, **2021**, 11,	3.8	4
38	Effects of different levels of CT iterative reconstruction on low-contrast detectability and radiation dose in patients of different sizes: an anthropomorphic phantom study. *Radiologia Medica*, **2021**, 126, 55-62	6.5	7
37	Bone metastases from differentiated thyroid carcinoma: current knowledge and open issues. *Journal of Endocrinological Investigation*, **2021**, 44, 403-419	5.2	4
36	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	3.2	4

35	Challenges and opportunities to delivering cardiac imaging training: a national survey by the Italian college of cardiac radiology. *Insights Into Imaging*, **2021**, 12, 136	5.6	0
34	Accuracy of cardiac magnetic resonance generated 3D models of the aortic annulus compared to cardiovascular computed tomography generated 3D models. *International Journal of Cardiovascular Imaging*, **2020**, 36, 2007-2015	2.5	1
33	Early T1 Myocardial MRI Mapping: Value in Detecting Myocardial Hyperemia in Acute Myocarditis. *Radiology*, **2020**, 295, 316-325	20.5	11
32	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	4.7	4
31	Characterization of the arterial enhancement pattern of focal liver lesions by multiple arterial phase magnetic resonance imaging: comparison between hepatocellular carcinoma and focal nodular hyperplasia. *Radiologia Medica*, **2020**, 125, 348-355	6.5	14
30	Gadoxetic acid magnetic-enhanced resonance imaging in the diagnosis of cholangiocarcinoma. *World Journal of Gastroenterology*, **2020**, 26, 4261-4271	5.6	5
29	Cardiovascular magnetic resonance in myocardial infarction with non-obstructive coronary arteries patients: A review. *World Journal of Cardiology*, **2020**, 12, 248-261	2.1	4
28	Diagnostic Accuracy of Single-shot 2-Dimensional Multisegment Late Gadolinium Enhancement in Ischemic and Nonischemic Cardiomyopathy. *Journal of Thoracic Imaging*, **2020**, 35, 56-63	5.6	7
27	Performance of a deep learning algorithm for the evaluation of CAD-RADS classification with CCTA. *Atherosclerosis*, **2020**, 294, 25-32	3.1	30
26	Image Quality and Reliability of a Novel Dark-Blood Late Gadolinium Enhancement Sequence in Ischemic Cardiomyopathy. *Journal of Thoracic Imaging*, **2020**, 35, 326-333	5.6	4
25	Baseline chest X-ray in coronavirus disease 19 (COVID-19) patients: association with clinical and laboratory data. *Radiologia Medica*, **2020**, 125, 1271-1279	6.5	24
24	Cardiovascular magnetic resonance (CMR) in restrictive cardiomyopathies. *Radiologia Medica*, **2020**, 125, 1072-1086	6.5	11
23	Prevalence and prognostic impact of left ventricular non-compaction in patients with thalassemia. *Internal and Emergency Medicine*, **2019**, 14, 1299-1306	3.7	5
22	Two-dimensional and three-dimensional cardiac magnetic resonance feature-tracking myocardial strain analysis in acute myocarditis patients with preserved ejection fraction. *International Journal of Cardiovascular Imaging*, **2019**, 35, 1101-1109	2.5	17
21	Early Embolization After Carotid Artery Stenting with Mesh-Covered Stent: Role of Diffusion-Weighted Magnetic Resonance Imaging as Pre-procedural Predictor and Discriminant Between Intra- and Post-procedural Events. *CardioVascular and Interventional Radiology*, **2019**, 42, 812-819	2.7	11
20	Prostate cancer detection with biparametric magnetic resonance imaging (bpMRI) by readers with different experience: performance and comparison with multiparametric (mpMRI). *Abdominal Radiology*, **2019**, 44, 1883-1893	3	46
19	Magnetic resonance enterography. *Minerva Gastroenterologica E Dietologica*, **2019**, 65, 319-334	1.6	2
18	Apparent diffusion coefficient and enhancement patterns in MR imaging as markers of severe or moderate ileum inflammation in Crohn's disease. *Revista Espanola De Enfermedades Digestivas*, **2019**, 111, 28-33	0.9	2

#	Reference		
17	"Infarct-like" myocarditis: can the clinical presentation predict results of cardiovascular magnetic resonance examination?. *Minerva Medica*, **2019**, 110, 86-88	2.2	1
16	Fusion Imaging and Virtual Navigation to Guide Percutaneous Thermal Ablation of Hepatocellular Carcinoma: A Review of the Literature. *CardioVascular and Interventional Radiology*, **2019**, 42, 639-647	2.7	32
15	Plan optimization for mediastinal radiotherapy: Estimation of coronary arteries motion with ECG-gated cardiac imaging and creation of compensatory expansion margins. *Radiotherapy and Oncology*, **2018**, 127, 481-486	5.3	18
14	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	4.3	15
13	Follow-up of acute pyelonephritis: what causes the diffusion-weighted magnetic resonance imaging recovery to lag clinical recovery?. *Abdominal Radiology*, **2018**, 43, 639-646	3	3
12	Adaptive Statistical Iterative Reconstruction-V Versus Adaptive Statistical Iterative Reconstruction: Impact on Dose Reduction and Image Quality in Body Computed Tomography. *Journal of Computer Assisted Tomography*, **2018**, 42, 191-196	2.2	19
11	Preoperative staging of rectal cancer using magnetic resonance imaging: comparison with pathological staging. *Minerva Surgery*, **2018**, 73, 13-19	0.1	5
10	MR with Gd-EOB-DTPA in assessment of liver nodules in cirrhotic patients. *World Journal of Hepatology*, **2018**, 10, 462-473	3.4	14
9	Concentrated pineapple juice for visualisation of the oesophagus during magnetic resonance angiography before atrial fibrillation radiofrequency catheter ablation. *European Radiology Experimental*, **2018**, 2, 39	4.5	4
8	Variable radiological lung nodule evaluation leads to divergent management recommendations. *European Respiratory Journal*, **2018**, 52,	13.6	15
7	Evaluation of incidence of acute transient dyspnea and related artifacts after administration of gadoxetate disodium: a prospective observational study. *Radiologia Medica*, **2018**, 123, 910-917	6.5	11
6	Recent advances in non-invasive magnetic resonance imaging assessment of hepatocellular carcinoma. *World Journal of Gastroenterology*, **2018**, 24, 2413-2426	5.6	16
5	3D printing of the aortic annulus based on cardiovascular computed tomography: Preliminary experience in pre-procedural planning for aortic valve sizing. *Journal of Cardiovascular Computed Tomography*, **2018**, 12, 391-397	2.8	20
4	Clinical and magnetic resonance evolution of "infarct-like" myocarditis. *Radiologia Medica*, **2017**, 122, 273-279	6.5	9
3	eComment. Re: Is cardiac magnetic resonance imaging as accurate as echocardiography in the assessment of aortic valve stenosis?. *Interactive Cardiovascular and Thoracic Surgery*, **2016**, 22, 487	1.8	
2	Acute pyelonephritis in transplanted kidneys: can diffusion-weighted magnetic resonance imaging be useful for diagnosis and follow-up?. *Abdominal Radiology*, **2016**, 41, 531-7	3	7
1	Cardiovascular magnetic resonance as a reliable alternative to cardiovascular computed tomography and transesophageal echocardiography for aortic annulus valve sizing. *International Journal of Cardiovascular Imaging*, **2016**, 32, 1255-63	2.5	12