Francesco Sardanelli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/739631/publications.pdf Version: 2024-02-01

		26630	37204
405	13,499	56	96
papers	citations	h-index	g-index
417 all docs	417 docs citations	417 times ranked	12694 citing authors

#	Article	IF	CITATIONS
1	Abdominal obesity phenotype is associated with COVID-19 chest X-ray severity score better than BMI-based obesity. Eating and Weight Disorders, 2022, 27, 345-359.	2.5	10
2	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysisÂ(MIPA). European Radiology, 2022, 32, 1611-1623.	4.5	30
3	MRI versus CT in the detection of brain lesions in patients with infective endocarditis before or after cardiac surgery. Neuroradiology, 2022, 64, 905-913.	2.2	8
4	A Machine Learning Ensemble Based on Radiomics to Predict BI-RADS Category and Reduce the Biopsy Rate of Ultrasound-Detected Suspicious Breast Masses. Diagnostics, 2022, 12, 187.	2.6	5
5	A Combined Deep Learning System for Automatic Detection of "Bovine―Aortic Arch on Computed Tomography Scans. Applied Sciences (Switzerland), 2022, 12, 2056.	2.5	1
6	Development and Validation of an Al-driven Mammographic Breast Density Classification Tool Based on Radiologist Consensus. Radiology: Artificial Intelligence, 2022, 4, e210199.	5.8	15
7	Evaluating the Performance of a Convolutional Neural Network Algorithm for Measuring Thoracic Aortic Diameters in a Heterogeneous Population. Radiology: Artificial Intelligence, 2022, 4, e210196.	5.8	10
8	Radiation Dose of Contrast-Enhanced Mammography: A Two-Center Prospective Comparison. Cancers, 2022, 14, 1774.	3.7	16
9	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). European Radiology, 2022, 32, 4036-4045.	4.5	137
10	Adults with tetralogy of Fallot show specific features of cerebral small vessel disease: the BACH San Donato study. Brain Imaging and Behavior, 2022, 16, 1721-1731.	2.1	4
11	Structured reporting of x-ray mammography in the first diagnosis of breast cancer: a Delphi consensus proposal. Radiologia Medica, 2022, 127, 471-483.	7.7	21
12	Occupational burnout among radiation therapy technologists in Italy before and during COVID-19 pandemic. Journal of Medical Imaging and Radiation Sciences, 2022, 53, 58-64.	0.3	3
13	Provision of follow-up care for women with a history of breast cancer following the 2016 position paper by the Italian Group for Mammographic Screening and the Italian College of Breast Radiologists by SIRM: a survey of Senonetwork Italian breast centres. Radiologia Medica, 2022, 127, 484-489.	7.7	6
14	Contrast-enhanced Mammography: A Systematic Review and Meta-Analysis of Diagnostic Performance. Radiology, 2022, 302, 568-581.	7.3	57
15	Quantitative Assessment of Late Gadolinium Enhancement and Edema at Cardiac Magnetic Resonance in Low-Risk Myocarditis Patients. Tomography, 2022, 8, 974-984.	1.8	0
16	Quantification of epicardial adipose tissue in obese patients using an open-bore MR scanner. European Radiology Experimental, 2022, 6, .	3.4	1
17	Contrast-enhanced mammography for the assessment of screening recalls: a two-centre study. European Radiology, 2022, 32, 7388-7399.	4.5	13
18	Radiologic evolution of pulmonary arterial thrombosis associated with SARS-CoV-2 pneumonia. Vasa - European Journal of Vascular Medicine, 2022, 51, 263-264.	1.4	0

#	Article	IF	CITATIONS
19	Side of contrast injection and breast size correlate with motion artifacts grade and image quality on breast MRI. Acta Radiologica, 2021, 62, 19-26.	1.1	4
20	Right and left ventricle native T1 mapping in systolic phase in patients with congenital heart disease. Acta Radiologica, 2021, 62, 334-340.	1.1	5
21	Biennial screening mammography: How many women ask for more? Estimate of the interval mammogram rate in an organised population-based screening programme. Radiologia Medica, 2021, 126, 200-205.	7.7	5
22	MRI physics and technical issues: Where do Italian radiographers search for information?. Journal of Medical Imaging and Radiation Sciences, 2021, 52, 104-111.	0.3	0
23	Practical approach to imaging diagnosis of biliary atresia, Part 1: prenatal ultrasound and magnetic resonance imaging, and postnatal ultrasound. Pediatric Radiology, 2021, 51, 314-331.	2.0	27
24	Accuracy and inter-reader agreement of breast MRI for cancer staging using 0.08Âmmol/kg of gadobutrol. Clinical Imaging, 2021, 72, 154-161.	1.5	2
25	Diagnosis of left atrial appendage thrombus in patients with atrial fibrillation: delayed contrast-enhanced cardiac CT. European Radiology, 2021, 31, 1236-1244.	4.5	35
26	Breast arterial calcifications as a biomarker of cardiovascular risk: radiologists' awareness, reporting, and action. A survey among the EUSOBI members. European Radiology, 2021, 31, 958-966.	4.5	13
27	Pulmonary thromboembolism in coronavirus disease 2019 patients undergoing thromboprophylaxis. Medicine (United States), 2021, 100, e24002.	1.0	9
28	Visceral adipose tissue area predicts intensive care unit admission in COVID-19 patients. Obesity Research and Clinical Practice, 2021, 15, 89-92.	1.8	21
29	Machine learning applied on chest x-ray can aid in the diagnosis of COVID-19: a first experience from Lombardy, Italy. European Radiology Experimental, 2021, 5, 7.	3.4	74
30	Bone strain index as a predictor of further vertebral fracture in osteoporotic women: An artificial intelligence-based analysis. PLoS ONE, 2021, 16, e0245967.	2.5	13
31	Subcutaneous, Paracardiac, and Epicardial Fat CT Density Before/After Contrast Injection: Any Correlation with CAD?. Journal of Clinical Medicine, 2021, 10, 735.	2.4	3
32	Why is appropriate healthcare inaccessible for many European breast cancer patients? – The EBCC 12 manifesto. Breast, 2021, 55, 128-135.	2.2	18
33	Late gadolinium enhancement in patients with Tetralogy of Fallot: A systematic review. European Journal of Radiology, 2021, 136, 109521.	2.6	6
34	Al applications to medical images: From machine learning to deep learning. Physica Medica, 2021, 83, 9-24.	0.7	253
35	Artificial Intelligence Applied to Chest X-ray for Differential Diagnosis of COVID-19 Pneumonia. Diagnostics, 2021, 11, 530.	2.6	14
36	Practical approach for the diagnosis of biliary atresia on imaging, part 2: magnetic resonance cholecystopancreatography, hepatobiliary scintigraphy, percutaneous cholecysto-cholangiography, endoscopic retrograde cholangiopancreatography, percutaneous liver biopsy, risk scores and decisional flowchart. Pediatric Radiology, 2021, 51, 1545-1554.	2.0	16

#	Article	IF	CITATIONS
37	Semiquantitative score of breast arterial calcifications on mammography (BAC-SS): intra- and inter-reader reproducibility. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2019-2027.	2.0	3
38	Machine Learning to Predict In-Hospital Mortality in COVID-19 Patients Using Computed Tomography-Derived Pulmonary and Vascular Features. Journal of Personalized Medicine, 2021, 11, 501.	2.5	21
39	Comparison of Sensitivity and Specificity of Biparametric versus Multiparametric Prostate MRI in the Detection of Prostate Cancer in 431 Men with Elevated Prostate-Specific Antigen Levels. Diagnostics, 2021, 11, 1223.	2.6	10
40	CT-derived Chest Muscle Metrics for Outcome Prediction in Patients with COVID-19. Radiology, 2021, 300, E328-E336.	7.3	50
41	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). Insights Into Imaging, 2021, 12, 119.	3.4	51
42	MR enterography grading of pediatric ileocolonic Crohn disease activity based on a single bowel segment. Radiologia Medica, 2021, 126, 1396-1406.	7.7	7
43	Bone tissue preservation in seawater environment: a preliminary comparative analysis of bones with different post-mortem histories through anthropological and radiological perspectives. International Journal of Legal Medicine, 2021, 135, 2581-2594.	2.2	2
44	Epicardial fat inflammation response to COVIDâ€19 therapies. Obesity, 2021, 29, 1427-1433.	3.0	13
45	Carotid Phase-Contrast Magnetic Resonance before Treatment: 4D-Flow versus Standard 2D Imaging. Tomography, 2021, 7, 513-522.	1.8	0
46	Mammography self-evaluation online test for screening readers: an Italian Society of Medical Radiology (SIRM) initiative. European Radiology, 2021, , 1.	4.5	3
47	MRI versus Mammography plus Ultrasound in Women at Intermediate Breast Cancer Risk: Study Design and Protocol of the MRIB Multicenter, Randomized, Controlled Trial. Diagnostics, 2021, 11, 1635.	2.6	3
48	CT-derived epicardial adipose tissue density: Systematic review and meta-analysis. European Journal of Radiology, 2021, 143, 109902.	2.6	10
49	A critical appraisal of the quality of guidelines for radiation protection in interventional radiology using the AGREE II tool: A EuroAIM initiative. European Journal of Radiology, 2021, 143, 109906.	2.6	4
50	MRI-Derived Tumour-to-Breast Volume Is Associated with the Extent of Breast Surgery. Diagnostics, 2021, 11, 204.	2.6	2
51	White matter hyperintensities classified according to intensity and spatial location reveal specific associations with cognitive performance. NeuroImage: Clinical, 2021, 30, 102616.	2.7	13
52	Neoplastic Diseases. , 2021, , 129-162.		0
53	Bone Strain Index predicts fragility fracture in osteoporotic women: an artificial intelligence-based study. European Radiology Experimental, 2021, 5, 47.	3.4	10
54	The problem of dating fractures: A retrospective observational study of radiologic features of fracture healing in adults. Forensic Science International, 2021, 329, 111058.	2.2	2

#	Article	IF	CITATIONS
55	B3 Lesions at Vacuum-Assisted Breast Biopsy under Ultrasound or Mammography Guidance: A Single-Center Experience on 3634 Consecutive Biopsies. Cancers, 2021, 13, 5443.	3.7	5
56	White Matter Hyperintensities Quantification in Healthy Adults: A Systematic Review and Metaâ€Analysis. Journal of Magnetic Resonance Imaging, 2021, 53, 1732-1743.	3.4	12
57	Potential role of epicardial adipose tissue as a biomarker of anthracycline cardiotoxicity. Insights Into Imaging, 2021, 12, 161.	3.4	6
58	MRIâ€Derived Biomarkers Related to Sarcopenia: A Systematic Review. Journal of Magnetic Resonance Imaging, 2020, 51, 1117-1127.	3.4	21
59	Upgrade Rate of Percutaneously Diagnosed Pure Atypical Ductal Hyperplasia: Systematic Review and Meta-Analysis of 6458 Lesions. Radiology, 2020, 294, 76-86.	7.3	60
60	Image quality of hip MR arthrography with intra-articular injection of hyaluronic acid versus gadolinium-based contrast agent in patients with femoroacetabular impingement. Skeletal Radiology, 2020, 49, 937-944.	2.0	1
61	Fast thoracic MRI as an alternative to chest x-ray: A retrospective evaluation of 287 patients. Clinical Imaging, 2020, 60, 244-248.	1.5	1
62	Gadolinium Retention and Breast MRI Screening: More Harm Than Good?. American Journal of Roentgenology, 2020, 214, 324-327.	2.2	26
63	Preoperative assessment of breast cancer: Multireader comparison of contrast-enhanced MRI versus the combination of unenhanced MRI and digital breast tomosynthesis. Breast, 2020, 49, 174-182.	2.2	7
64	Novel imaging biomarkers: epicardial adipose tissue evaluation. British Journal of Radiology, 2020, 93, 20190770.	2.2	38
65	Regulatory issues for artificial intelligence in radiology. , 2020, , 533-543.		8
66	Chest x-ray in the COVID-19 pandemic: Radiologists' real-world reader performance. European Journal of Radiology, 2020, 132, 109272.	2.6	43
67	Diagnostic Performance of Digital Breast Tomosynthesis, Unenhanced MRI, and Their Combination in the Preoperative Assessment of Breast Cancer: A Multi-reader Study. Academic Radiology, 2020, 28, 1339-1351.	2.5	3
68	Association of mediastinal lymphadenopathy with COVID-19 prognosis. Lancet Infectious Diseases, The, 2020, 20, 1230-1231.	9.1	25
69	Breast Cancer Screening and Diagnosis: A Synopsis of the European Breast Guidelines. Annals of Internal Medicine, 2020, 172, 46.	3.9	157
70	Breast imaging and cancer diagnosis during the COVID-19 pandemic: recommendations from the Italian College of Breast Radiologists by SIRM. Radiologia Medica, 2020, 125, 926-930.	7.7	38
71	Diagnostic Value of Clobal Cardiac Strain in Patients With Myocarditis. Journal of Computer Assisted Tomography, 2020, 44, 591-598.	0.9	5
72	Open 1.0-T versus closed 1.5-T cardiac MR: Image quality assessment. Clinical Imaging, 2020, 68, 102-107.	1.5	4

#	Article	IF	CITATIONS
73	Multiâ€Rater Agreement Using the Adapted Fracture Healing Scale (AFHS) for the Assessment of Tubular Bones on Conventional Radiographs: Preliminary Study*. Journal of Forensic Sciences, 2020, 65, 2112-2116.	1.6	3
74	Epicardial Fat Inflammation in Severe COVIDâ€19. Obesity, 2020, 28, 2260-2262.	3.0	42
75	Comments on "Reply to â€~On the Role of Chest Radiography and CT in the Coronavirus Disease (COVID-19) Pandemic'― American Journal of Roentgenology, 2020, 215, W62-W62.	2.2	1
76	Pitfalls of Computed Tomography 3D Reconstruction Models in Cranial Nonmetric Analysis*. Journal of Forensic Sciences, 2020, 65, 2098-2107.	1.6	14
77	Breast cancer screening: in the era of personalized medicine, age is just a number. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2401-2407.	2.0	7
78	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. European Radiology, 2020, 30, 5427-5436.	4.5	18
79	Assessing the Value of Diagnostic Tests in the Coronavirus Disease 2019 Pandemic. Radiology, 2020, 296, E193-E194.	7.3	17
80	Assessment of myocardial extracellular volume on body computed tomography in breast cancer patients treated with anthracyclines. Quantitative Imaging in Medicine and Surgery, 2020, 10, 934-944.	2.0	15
81	On the Role of Chest Radiography and CT in the Coronavirus Disease (COVID-19) Pandemic. American Journal of Roentgenology, 2020, 215, W44-W44.	2.2	5
82	CT-derived pulmonary vascular metrics and clinical outcome in COVID-19 patients. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1325-1333.	2.0	33
83	An update on the management of breast atypical ductal hyperplasia. British Journal of Radiology, 2020, 93, 20200117.	2.2	7
84	Diagnostic Performance of Chest X-Ray for COVID-19 Pneumonia During the SARS-CoV-2 Pandemic in Lombardy, Italy. Journal of Thoracic Imaging, 2020, 35, W105-W106.	1.5	81
85	Bringing radiology to patient's home using mobile equipment: A weapon to fight COVID-19 pandemic. Clinical Imaging, 2020, 68, 99-101.	1.5	18
86	Repaired Congenital Heart Disease in Older Children and Adults. Radiologic Clinics of North America, 2020, 58, 503-516.	1.8	3
87	Double reading of diffusion-weighted magnetic resonance imaging for breast cancer detection. Breast Cancer Research and Treatment, 2020, 180, 111-120.	2.5	38
88	Dual-Energy CT for Locoregional Staging of Breast Cancer: Preliminary Results. American Journal of Roentgenology, 2020, 214, 707-714.	2.2	41
89	Peripheral artery disease: how much inter-leg symmetry? A contrast-enhanced magnetic resonance angiography study. Medicine (United States), 2020, 99, e19637.	1.0	0
90	First-in-Man Study Evaluating the Emblok Embolic Protection System During TranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 860-868.	2.9	18

#	Article	IF	CITATIONS
91	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2020, 11, 12.	3.4	96
92	Rare Disease: Cardiac Risk Assessment With MRI in Patients With Myotonic Dystrophy Type 1. Frontiers in Neurology, 2020, 11, 192.	2.4	9
93	The Mantra about Low of Breast MRI. , 2020, , 11-21.		7
94	Do we still need breast cancer screening in the era of targeted therapies and precision medicine?. Insights Into Imaging, 2020, 11, 105.	3.4	31
95	Opening the black box of machine learning in radiology: can the proximity of annotated cases be a way?. European Radiology Experimental, 2020, 4, 30.	3.4	28
96	Chest x-ray severity score in COVID-19 patients on emergency department admission: a two-centre study. European Radiology Experimental, 2020, 4, 68.	3.4	44
97	Statistical significance: p value, 0.05 threshold, and applications to radiomics—reasons for a conservative approach. European Radiology Experimental, 2020, 4, 18.	3.4	162
98	Lean body weight versus total body weight to calculate the iodinated contrast media volume in abdominal CT: a randomised controlled trial. Insights Into Imaging, 2020, 11, 132.	3.4	7
99	Systematic Reviews, Meta-Analyses, and Cost-Effective Analyses on Breast MRI Screening of High-Risk Women. , 2020, , 167-187.		Ο
100	Primary Studies on Breast MRI Screening of High-Risk Women. , 2020, , 131-151.		0
101	Hypotheses for the Future. , 2020, , 355-369.		Ο
102	Gadolinium-Based Contrast Agents for Breast MRI and Uncertainties About Brain Gadolinium Retention. , 2020, , 63-82.		1
103	Computed tomography-derived myocardial extracellular volume: an early biomarker of cardiotoxicity in esophageal cancer patients undergoing radiation therapy. Insights Into Imaging, 2020, 11, 120.	3.4	5
104	Right ventricular strain in repaired Tetralogy of Fallot with regards to pulmonary valve replacement. European Journal of Radiology, 2020, 131, 109235.	2.6	7
105	Ultrasound semiautomatic versus manual estimation of carotid intima-media thickness: reproducibility and cardiovascular risk stratification. Medical Ultrasonography, 2020, 22, 402.	0.8	Ο
106	Screening mammography beyond breast cancer: breast arterial calcifications as a sex-specific biomarker of cardiovascular risk. European Journal of Radiology, 2019, 119, 108636.	2.6	22
107	The future of radiology is now: the first 100 articles published in European Radiology Experimental. European Radiology Experimental, 2019, 3, 28.	3.4	1
108	The synergy between radiographic and macroscopic observation of skeletal lesions on dry bone. International Journal of Legal Medicine, 2019, 133, 1611-1628.	2.2	7

#	Article	IF	CITATIONS
109	Technique, protocols and adverse reactions for contrast-enhanced spectral mammography (CESM): a systematic review. Insights Into Imaging, 2019, 10, 76.	3.4	78
110	Histologic and radiological analysis on bone fractures: Estimation of posttraumatic survival time in skeletal trauma. Forensic Science International, 2019, 302, 109909.	2.2	21
111	Nipple discharge: The state of the art. BJR Open, 2019, 1, 20180016.	0.6	10
112	Prenatal MRI of neck masses with special focus on the evaluation of foetal airway. Radiologia Medica, 2019, 124, 917-925.	7.7	5
113	Brain vascular changes in adults with congenital heart disease: A systematic review. NeuroImage: Clinical, 2019, 23, 101873.	2.7	7
114	Point estimate and reference normality interval of MRI-derived myocardial extracellular volume in healthy subjects: a systematic review and meta-analysis. European Radiology, 2019, 29, 6620-6633.	4.5	7
115	Clinical practice guidelines on ultrasound-guided fine needle aspiration biopsy of thyroid nodules: a critical appraisal using ACREE II. Endocrine, 2019, 65, 371-378.	2.3	5
116	Quantification of visceral adipose tissue by computed tomography and magnetic resonance imaging: reproducibility and accuracy. Radiologia Brasileira, 2019, 52, 1-6.	0.7	28
117	Minimally-invasive treatments for benign thyroid nodules: a Delphi-based consensus statement from the Italian minimally-invasive treatments of the thyroid (MITT) group. International Journal of Hyperthermia, 2019, 36, 375-381.	2.5	143
118	Imaging-guided Percutaneous Ablation: A Step Forward to Minimize the Invasiveness of Breast Cancer Treatment. Radiology, 2019, 290, 849-850.	7.3	3
119	Methods for Development of the European Commission Initiative on Breast Cancer Guidelines. Annals of Internal Medicine, 2019, 171, 273.	3.9	39
120	The emerging role of contrast-enhanced mammography. Quantitative Imaging in Medicine and Surgery, 2019, 9, 2012-2018.	2.0	23
121	Pulmonary Insufficiency. Journal of Thoracic Imaging, 2019, 34, 380-386.	1.5	1
122	Artificial Intelligence for Breast MRI in 2008–2018: A Systematic Mapping Review. American Journal of Roentgenology, 2019, 212, 280-292.	2.2	43
123	A computer-aided diagnosis system for the assessment and characterization of low-to-high suspicion thyroid nodules on ultrasound. Radiologia Medica, 2019, 124, 118-125.	7.7	42
124	Impact of artificial intelligence on radiology: a EuroAIM survey among members of the European Society of Radiology. Insights Into Imaging, 2019, 10, 105.	3.4	118
125	458-P: 1H-MRS Lipid Spectra of Interventricular Septum (SEP): A Novel Marker of Cardiovascular (CV) Events in Hyperglycemic (HG) Patients. Diabetes, 2019, 68, 458-P.	0.6	0
126	High-quality low-dose cardiovascular computed tomography (CCT) in pediatric patients using a 64-slice scanner. Acta Radiologica, 2018, 59, 1247-1253.	1.1	6

#	Article	IF	CITATIONS
127	To share or not to share? Expected pros and cons of data sharing in radiological research. European Radiology, 2018, 28, 2328-2335.	4.5	30
128	An eight-year prospective controlled study about the safety and diagnostic value of cardiac and non-cardiac 1.5-T MRI in patients with a conventional pacemaker or a conventional implantable cardioverter defibrillator. European Radiology, 2018, 28, 2406-2416.	4.5	12
129	Blood-threshold CMR volume analysis of functional univentricular heart. Radiologia Medica, 2018, 123, 331-337.	7.7	4
130	Clinical impact of computed tomography in the emergency department in nontraumatic chest and abdominal conditions. Emergency Radiology, 2018, 25, 393-398.	1.8	7
131	Bone marrow fat contributes to insulin sensitivity and adiponectin secretion in premenopausal women. Endocrine, 2018, 59, 410-418.	2.3	21
132	Correlation between voxel-wise enhancement parameters on DCE-MRI and pathological prognostic factors in invasive breast cancers. Radiologia Medica, 2018, 123, 91-97.	7.7	11
133	A survey by the European Society of Breast Imaging on the utilisation of breast MRI in clinical practice. European Radiology, 2018, 28, 1909-1918.	4.5	85
134	Fully automated contour detection of the ascending aorta in cardiac 2D phase-contrast MRI. Magnetic Resonance Imaging, 2018, 47, 77-82.	1.8	5
135	Strain of ascending aorta on cardiac magnetic resonance in 1027 patients: Relation with age, gender, and cardiovascular disease. European Journal of Radiology, 2018, 99, 34-39.	2.6	4
136	Breast arterial calcifications on mammography: intra- and inter-observer reproducibility of a semi-automatic quantification tool. Radiologia Medica, 2018, 123, 168-173.	7.7	8
137	Abdominal CT: a radiologist-driven adjustment of the dose of iodinated contrast agent approaches a calculation per lean body weight. European Radiology Experimental, 2018, 2, 41.	3.4	24
138	Changes in total choline concentration in the breast of healthy fertile young women in relation to menstrual cycle or use of oral contraceptives: a 3-T 1H-MRS study. European Radiology Experimental, 2018, 2, 43.	3.4	1
139	Computed tomography coronary angiography in patients without known coronary artery disease can demonstrate possible non-cardiovascular causes of non-acute retrosternal chest pain. Insights Into Imaging, 2018, 9, 687-694.	3.4	1
140	Artificial intelligence in medical imaging: threat or opportunity? Radiologists again at the forefront of innovation in medicine. European Radiology Experimental, 2018, 2, 35.	3.4	435
141	A critical appraisal of the quality of low back pain practice guidelines using the AGREE II tool and comparison with previous evaluations: a EuroAIM initiative. European Spine Journal, 2018, 27, 2781-2790.	2.2	22
142	Expert Review of Breast Pathology in Borderline Lesions. JAMA Oncology, 2018, 4, 1325.	7.1	9
143	Synchronous colorectal cancer using CT colonography vs. other means: a systematic review and meta-analysis. Abdominal Radiology, 2018, 43, 3241-3249.	2.1	13
144	Does Tetralogy of Fallot affect brain aging? A proof-of-concept study. PLoS ONE, 2018, 13, e0202496.	2.5	3

#	Article	IF	CITATIONS
145	Artificial intelligence as a medical device in radiology: ethical and regulatory issues in Europe and the United States. Insights Into Imaging, 2018, 9, 745-753.	3.4	240
146	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2018, 9, 449-461.	3.4	95
147	The role of carboxy-terminal cross-linking telopeptide of type I collagen, dual x-ray absorptiometry bone strain and Romberg test in a new osteoporotic fracture risk evaluation: A proposal from an observational study. PLoS ONE, 2018, 13, e0190477.	2.5	23
148	Intra- and inter-reader reproducibility of blood flow measurements on the ascending aorta and pulmonary artery using cardiac magnetic resonance. Radiologia Medica, 2017, 122, 179-185.	7.7	14
149	1H- and 31P-myocardial magnetic resonance spectroscopy in non-obstructive hypertrophic cardiomyopathy patients and competitive athletes. Radiologia Medica, 2017, 122, 265-272.	7.7	4
150	Colonic inflammation in pediatric inflammatory bowel disease: detection with magnetic resonance enterography. Pediatric Radiology, 2017, 47, 850-859.	2.0	11
151	A critical appraisal of the quality of adult dual-energy X-ray absorptiometry guidelines in osteoporosis using the AGREE II tool: An EuroAIM initiative. Insights Into Imaging, 2017, 8, 311-317.	3.4	24
152	Is Carotid Plaque Contrast Enhancement on MRI Predictive for Cerebral or Cardiovascular Events? A Prospective Cohort Study. Journal of Computer Assisted Tomography, 2017, 41, 321-326.	0.9	8
153	Carbon dioxide (CO2) angiography as an option for endovascular abdominal aortic aneurysm repair (EVAR) in patients with chronic kidney disease (CKD). International Journal of Cardiovascular Imaging, 2017, 33, 1655-1662.	1.5	19
154	Diagnostic Performance of MRI Versus Galactography in Women With Pathologic Nipple Discharge: A Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2017, 209, 465-471.	2.2	58
155	Digital breast tomosynthesis (DBT): recommendations from the Italian College of Breast Radiologists (ICBR) by the Italian Society of Medical Radiology (SIRM) and the Italian Group for Mammography Screening (GISMa). Radiologia Medica, 2017, 122, 723-730.	7.7	18
156	Optical Imaging of the Breast: Basic Principles and Clinical Applications. American Journal of Roentgenology, 2017, 209, 230-238.	2.2	25
157	Image-guided thermal ablation of benign thyroid nodules. Journal of Ultrasound, 2017, 20, 11-22.	1.3	87
158	Dynamic high-resolution ultrasound of intrinsic and extrinsic ligaments of the wrist: How to make it simple. European Journal of Radiology, 2017, 87, 20-35.	2.6	23
159	Technical success, technique efficacy and complications of minimally-invasive imaging-guided percutaneous ablation procedures of breast cancer: A systematic review and meta-analysis. European Radiology, 2017, 27, 3199-3210.	4.5	74
160	1H-MR spectroscopy of suspicious breast mass lesions at 3T: a clinical experience. Radiologia Medica, 2017, 122, 161-170.	7.7	17
161	Accuracy of screening women at familial risk of breast cancer without a known gene mutation: Individual patient data meta-analysis. European Journal of Cancer, 2017, 85, 31-38.	2.8	32
162	A critical appraisal of the quality of adult musculoskeletal ultrasound guidelines using the AGREE II tool: an EuroAIM initiative. Insights Into Imaging, 2017, 8, 491-497.	3.4	30

#	Article	IF	CITATIONS
163	Detection of incidental cardiac findings in noncardiac chest computed tomography. Medicine (United) Tj ETQq1 1	9.784314 1.6	4 rgBT /Ove
164	Should the automatic exposure control system of CT be disabled when scanning patients with endoaortic stents or mechanical heart valves? A phantom study. European Radiology, 2017, 27, 2989-2994.	4.5	2
165	Biventricular Heart Remodeling After Percutaneous or Surgical Pulmonary Valve Implantation. Journal of Thoracic Imaging, 2017, 32, 358-364.	1.5	6
166	Trends in radiology and experimental research. European Radiology Experimental, 2017, 1, 1.	3.4	41
167	Measurement of jugular foramen diameter using MRI in multiple sclerosis patients compared to control subjects. European Radiology Experimental, 2017, 1, 4.	3.4	4
168	Mammography: an update of the EUSOBI recommendations on information for women. Insights Into Imaging, 2017, 8, 11-18.	3.4	78
169	Position paper on screening for breast cancer by the European Society of Breast Imaging (EUSOBI) and 30 national breast radiology bodies from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Israel, Lithuania, Moldova, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia,	4.5	136
170	Ultrasound evaluation of the subacromial space in healthy subjects performing three different positions of shoulder abduction in both loaded and unloaded conditions. Physical Therapy in Sport, 2017, 23, 105-112.	1.9	11
171	Relationship between soluble receptor for advanced glycation end products (sRAGE), body composition and fat distribution in healthy women. European Journal of Nutrition, 2017, 56, 2557-2564.	3.9	37
172	Diffusion tensor imaging in the musculoskeletal and peripheral nerve systems: from experimental to clinical applications. European Radiology Experimental, 2017, 1, 12.	3.4	43
173	Radiological Screening of Breast Cancer: Evolution. , 2017, , 171-203.		3
174	Reporting rotator cuff tears on magnetic resonance arthrography using the Snyder's arthroscopic classification. World Journal of Radiology, 2017, 9, 126.	1.1	10
175	Activation of Phosphatidylcholine-Specific Phospholipase C in Breast and Ovarian Cancer: Impact on MRS-Detected Choline Metabolic Profile and Perspectives for Targeted Therapy. Frontiers in Oncology, 2016, 6, 171.	2.8	43
176	Clinical Breast MR Using MRS or DWI: Who Is the Winner?. Frontiers in Oncology, 2016, 6, 217.	2.8	30
177	In-vivo Axial-strain Sonoelastography Helps Distinguish Acutely-inflamed from Fibrotic Terminal Ileum Strictures inÂPatients with Crohn's Disease: Preliminary Results. Ultrasound in Medicine and Biology, 2016, 42, 855-863.	1.5	32
178	Pitfalls of Systematic Reviews and Meta-Analyses. Radiology, 2016, 279, 652-652.	7.3	2
179	Fractional flow reserve based on computed tomography: an overview. European Heart Journal Supplements, 2016, 18, E49-E56.	0.1	8
180	Novel cardiac magnetic resonance biomarkers: native T1 and extracellular volume myocardial mapping. European Heart Journal Supplements, 2016, 18, E64-E71.	0.1	15

#	Article	IF	CITATIONS
181	Gadobutrol-Enhanced Magnetic Resonance Imaging of the Breast in the Preoperative Setting. Investigative Radiology, 2016, 51, 454-461.	6.2	14
182	Recommendations for breast imaging follow-up of women with a previous history of breast cancer: position paper from the Italian Group for Mammography Screening (GISMa) and the Italian College of Breast Radiologists (ICBR) by SIRM. Radiologia Medica, 2016, 121, 891-896.	7.7	22
183	Ultrasound-Guided Percutaneous Tenotomy of Biceps Tendon: Technical Feasibility on Cadavers. Ultrasound in Medicine and Biology, 2016, 42, 2513-2517.	1.5	13
184	Mammography and MRI for screening women who underwent chest radiation therapy (lymphoma) Tj ETQq0 0 0 SIRM. Radiologia Medica, 2016, 121, 834-837.	rgBT /Ove 7.7	erlock 10 Tf 50 20
185	Imaging of Tuberous Sclerosis. American Journal of Roentgenology, 2016, 206, W42-W42.	2.2	1
186	Dual-energy X-ray absorptiometry body composition in patients with secondary osteoporosis. European Journal of Radiology, 2016, 85, 1493-1498.	2.6	14
187	Impact on the recall rate of digital breast tomosynthesis as an adjunct to digital mammography in the screening setting. A double reading experience and review of the literature. European Journal of Radiology, 2016, 85, 808-814.	2.6	23
188	Diagnostic accuracy of magnetic resonance angiography for detection of coronary artery disease: a systematic review and meta-analysis. European Radiology, 2016, 26, 3706-3718.	4.5	38
189	Contribution of mammography to MRI screening in BRCA mutation carriers by BRCA status and age: individual patient data meta-analysis. British Journal of Cancer, 2016, 114, 631-637.	6.4	99
190	Triple-Negative versus Non–Triple-Negative Breast Cancers in High-Risk Women: Phenotype Features and Survival from the HIBCRIT-1 MRI-Including Screening Study. Clinical Cancer Research, 2016, 22, 895-904.	7.0	28
191	Ultrasound guidance to perform intra-articular injection of gadolinium-based contrast material for magnetic resonance arthrography as an alternative to fluoroscopy: the time is now. European Radiology, 2016, 26, 1221-1225.	4.5	50
192	Paradoxical low flow/low gradient aortic stenosis: Can cardiopulmonary exercise test help in identifying it?. International Journal of Cardiology, 2016, 203, 37-39.	1.7	4
193	CT colonography: a survey of general practitioners' knowledge and interest. Radiologia Medica, 2016, 121, 1-5.	7.7	4
194	Mammographic density: Comparison of visual assessment with fully automatic calculation on a multivendor dataset. European Radiology, 2016, 26, 175-183.	4.5	15
195	Agreement between MRI and pathologic breast tumor size after neoadjuvant chemotherapy, and comparison with alternative tests: individual patient data meta-analysis. BMC Cancer, 2015, 15, 662.	2.6	106
196	Breast MRI: EUSOBI recommendations for women's information. European Radiology, 2015, 25, 3669-3678.	4.5	330
197	Monoenergetic extrapolation of cardiac dual energy CT for artifact reduction. Acta Radiologica, 2015, 56, 413-418.	1.1	62
198	Short-term precision assessment of trabecular bone score and bone mineral density using dual-energy X-ray absorptiometry with different scan modes: an in vivo study. European Radiology, 2015, 25, 2194-2198.	4.5	28

#	Article	IF	CITATIONS
199	Magnetic Resonance Imaging Improves Breast Screening Sensitivity in <i>BRCA</i> Mutation Carriers Age ≥ 50 Years: Evidence From an Individual Patient Data Meta-Analysis. Journal of Clinical Oncology, 2015, 33, 349-356.	1.6	72
200	Ultrasound-guided percutaneous irrigation in rotator cuff calcific tendinopathy: what is the evidence? A systematic review with proposals for future reporting. European Radiology, 2015, 25, 2176-2183.	4.5	64
201	The role of ultrasonography in the assessment of peri-prosthetic hip complications. Journal of Ultrasound, 2015, 18, 245-250.	1.3	15
202	Measurement of oro-caecal transit time by magnetic resonance imaging. European Radiology, 2015, 25, 1579-1587.	4.5	13
203	Prevalence and type of errors in dual-energy x-ray absorptiometry. European Radiology, 2015, 25, 1504-1511.	4.5	68
204	Reproducibility of trabecular bone score with different scan modes using dual-energy X-ray absorptiometry: a phantom study. Skeletal Radiology, 2015, 44, 573-576.	2.0	16
205	Myocardial Fatty Foci in Adult Patients with Tuberous Sclerosis Complex: Association with Gene Mutation and Multiorgan Involvement. Radiology, 2015, 277, 398-405.	7.3	15
206	Bronchial arteries enlargement can be correlated to coronary artery disease. Acta Radiologica, 2015, 56, NP8-NP9.	1.1	0
207	Follow-up of cerebral aneurysm embolization with hydrogel embolic system: Systematic review and meta-analysis. European Journal of Radiology, 2015, 84, 1954-1963.	2.6	13
208	A geometric index to differentiate abnormal from normal septal wall motion on cardiac MRI. Acta Radiologica, 2015, 56, 545-551.	1.1	1
209	A new diagnostic score to detect osteoporosis in patients undergoing lumbar spine MRI. European Radiology, 2015, 25, 2951-2959.	4.5	70
210	Recoupling of right and left ventricle pump function after surgical ventricle restoration: a cardiac magnetic resonance study. International Journal of Cardiovascular Imaging, 2015, 31, 813-820.	1.5	2
211	Right ventriculo-arterial coupling in repaired Fallot patients with pulmonary valve regurgitation before and after pulmonary valve implantation: a CMR study. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P200.	3.3	0
212	Additional findings at preoperative breast MRI: the value of second-look digital breast tomosynthesis. European Radiology, 2015, 25, 2830-2839.	4.5	42
213	Prognostic Value of the Diverticular Disease Severity Score Based on CT Colonography:. Academic Radiology, 2015, 22, 1503-1509.	2.5	14
214	Four-year cardiac magnetic resonance (CMR) follow-up of patients treated with percutaneous pulmonary valve stent implantation. European Radiology, 2015, 25, 3606-3613.	4.5	13
215	MR Imaging for Selection of Patients for Partial Breast Irradiation: A Systematic Review and Meta-Analysis. Radiology, 2015, 277, 716-726.	7.3	17
216	Simultaneous bilateral magnetic resonance angiography to evaluate thoracic outlet syndrome. Radiologia Medica, 2015, 120, 407-412.	7.7	8

#	Article	IF	CITATIONS
217	Relevant incidental findings at abdominal multi-detector contrast-enhanced computed tomography: A collateral screening?. World Journal of Radiology, 2015, 7, 350.	1.1	15
218	Quiste discal de columna lumbar. Hallazgos en resonancia magnética, correlación histológica e hipótesis de patogénesis. Revista Argentina De Radiologia, 2014, 78, 227-229.	0.0	0
219	ls Breast Cancer Overdiagnosis Also Nested in Pathologic Misclassification?. Radiology, 2014, 273, 652-655.	7.3	19
220	The Role of Imaging Specialists as Authors of Systematic Reviews on Diagnostic and Interventional Imaging and Its Impact on Scientific Quality: Report from the EuroAIM Evidence-based Radiology Working Group. Radiology, 2014, 272, 533-540.	7.3	33
221	Optimization of Thoracic US Guidance for Lung Nodule Biopsy. Radiology, 2014, 270, 308-308.	7.3	18
222	Comparison of gadobenate dimeglumine-enhanced breast MRI and gadopentetate dimeglumine-enhanced breast MRI with mammography and ultrasound for the detection of breast cancer. Journal of Magnetic Resonance Imaging, 2014, 39, 1272-1286.	3.4	7
223	Breast Cancer Detection Using Double Reading of Unenhanced MRI Including T1-Weighted, T2-Weighted STIR, and Diffusion-Weighted Imaging: A Proof of Concept Study. American Journal of Roentgenology, 2014, 203, 674-681.	2.2	86
224	MR imaging in pulmonary embolism: does it have a future?. Clinical and Translational Imaging, 2014, 2, 439-441.	2.1	0
225	Bronchial artery hypertrophy is correlated with coronary artery disease. Acta Radiologica, 2014, 55, 287-294.	1.1	1
226	Diagnostic accuracy of CT colonography for the detection of polyps in the diverticular disease. Scandinavian Journal of Gastroenterology, 2014, 49, 383-384.	1.5	3
227	Osteoid Osteoma Treated by Percutaneous Thermal Ablation: When Do We Fail? A Systematic Review and Guidelines for Future Reporting. CardioVascular and Interventional Radiology, 2014, 37, 1530-1539.	2.0	78
228	In vivo differences among scan modes in bone mineral density measurement at dual-energy X-ray absorptiometry. Radiologia Medica, 2014, 119, 257-260.	7.7	11
229	Measurement of vertebral bone marrow lipid profile at 1.5-T proton magnetic resonance spectroscopy and bone mineral density at dual-energy X-ray absorptiometry: correlation in a swine model. Skeletal Radiology, 2014, 43, 1123-1128.	2.0	1
230	Patient-specific analysis of post-operative aortic hemodynamics: a focus on thoracic endovascular repair (TEVAR). Computational Mechanics, 2014, 54, 943-953.	4.0	23
231	Association of aortic wall thickness on contrast-enhanced chest CT with major cerebro-cardiac events. Acta Radiologica, 2014, 55, 1040-1049.	1.1	8
232	Septic Bursitis After Ultrasound-guided Percutaneous Treatment of Rotator Cuff Calcific Tendinopathy. PM and R, 2014, 6, 746-748.	1.6	19
233	A new algorithm for automatic vascular mapping of DCE-MRI of the breast: Clinical application of a potential new biomarker. Computer Methods and Programs in Biomedicine, 2014, 117, 482-488.	4.7	10
234	MRI screening of women with hereditary predisposition to breast cancer: diagnostic performance and survival analysis. Breast Cancer Research and Treatment, 2014, 147, 685-687.	2.5	14

#	Article	IF	CITATIONS
235	Technical feasibility of real-time elastography to assess the peri-oral region in patients affected by systemic sclerosis. Journal of Ultrasound, 2014, 17, 265-269.	1.3	22
236	Segmentation of cardiac magnetic resonance cine images of single ventricle: including or excluding the accessorial ventricle?. International Journal of Cardiovascular Imaging, 2014, 30, 1117-1124.	1.5	5
237	Cardiac magnetic resonance before and after percutaneous pulmonary valve implantation. Radiologia Medica, 2014, 119, 400-407.	7.7	6
238	Utility of the trabecular bone score (TBS) in secondary osteoporosis. Endocrine, 2014, 47, 435-448.	2.3	120
239	Less is better? Intraindividual and interindividual comparison between 0.075 mmol/kg of gadobenate dimeglumine and 0.1 mmol/kg of gadoterate meglumine for cranial MRI. European Journal of Radiology, 2014, 83, 1245-1249.	2.6	16
240	Reply. American Journal of Roentgenology, 2014, 202, W412-W412.	2.2	0
241	Interval breast cancers: Absolute and proportional incidence and blinded review in a community mammographic screening program. European Journal of Radiology, 2014, 83, e84-e91.	2.6	8
242	Contrast-enhanced MR imaging of the breast: association between asymmetric increased breast vascularity and ipsilateral cancer in a consecutive series of 197 patients. Radiologia Medica, 2013, 118, 239-250.	7.7	15
243	Double-needle ultrasound-guided percutaneous treatment of rotator cuff calcific tendinitis: tips & tricks. Skeletal Radiology, 2013, 42, 19-24.	2.0	57
244	Impact of contrast-enhanced computed tomography colonography on laparoscopic surgical planning of colorectal cancer. Abdominal Imaging, 2013, 38, 1024-1032.	2.0	24
245	Diverticular disease severity score based on CT colonography. European Radiology, 2013, 23, 2723-2729.	4.5	31
246	Radiological journals in the online world: should we think Open?. European Radiology, 2013, 23, 1175-1177.	4.5	5
247	Considerations on the application of EUSOMA criteria for preoperative MRI. Breast, 2013, 22, 368-369.	2.2	6
248	Surgical impact of preoperative breast MRI in women below 40Âyears of age. Breast Cancer Research and Treatment, 2013, 140, 527-533.	2.5	14
249	Subependymal nodules and giant cell tumours in tuberous sclerosis complex patients: prevalence on MRI in relation to gene mutation. Child's Nervous System, 2013, 29, 249-254.	1.1	15
250	Non-contrast MR imaging for detecting endoleak after abdominal endovascular aortic repair. International Journal of Cardiovascular Imaging, 2013, 29, 229-235.	1.5	16
251	Dose Absorption in Lumbar and Femoral Dual Energy X-ray Absorptiometry Examinations Using Three Different Scan Modalities: An Anthropomorphic Phantom Study. Journal of Clinical Densitometry, 2013, 16, 279-282.	1.2	26
252	Bone mineral density differences between femurs ofÂscoliotic patients undergoing dual-energy X-ray absorptiometry. Clinical Radiology, 2013, 68, e511-e515.	1.1	6

#	Article	IF	CITATIONS
253	Contrast-Enhanced Computed Tomography Colonography in Preoperative Distinction between T1-T2 and T3-T4 Staging of Colon Cancer. Academic Radiology, 2013, 20, 590-595.	2.5	26
254	Post-surgical enteric fistula treatment with image-guided percutaneous injection of cyanoacrylic glue. Clinical Radiology, 2013, 68, 59-63.	1.1	31
255	Differences among array, fast array, and high-definition scan modes in bone mineral density measurement at dual-energy x-ray absorptiometry on a phantom. Clinical Radiology, 2013, 68, 616-619.	1.1	12
256	When the diameter of the abdominal aorta should be considered as abnormal? A new ultrasonographic index using the wrist circumference as a body build reference. European Journal of Radiology, 2013, 82, e532-e536.	2.6	14
257	Imaging of shoulder pain in overhead throwing athletes. Sport Sciences for Health, 2013, 9, 81-88.	1.3	8
258	Prevalence of cerebral aneurysms in patients treated for left cardiac myxoma: A prospective study. Clinical Radiology, 2013, 68, e624-e628.	1.1	10
259	Pleural and Peripheral Lung Lesions: Comparison of US- and CT-guided Biopsy. Radiology, 2013, 266, 930-935.	7.3	115
260	Malignant Incidental Extracardiac Findings on Cardiac CT: Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2013, 201, 555-564.	2.2	43
261	Declining Impact Factor of Radiologic Journals: A Matter for Debate. American Journal of Roentgenology, 2013, 201, W391-W393.	2.2	5
262	Visualization of a Small Ventricular Septal Defect at First-pass Contrast-enhanced Cardiac Magnetic Resonance Imaging. Journal of Clinical Imaging Science, 2013, 3, 59.	1.1	2
263	Meta-Analysis of Magnetic Resonance Imaging in Detecting Residual Breast Cancer After Neoadjuvant Therapy. Journal of the National Cancer Institute, 2013, 105, 321-333.	6.3	298
264	Real-time Sonoelastography of the Plantar Fascia: Comparison between Patients with Plantar Fasciitis and Healthy Control Subjects. Radiology, 2013, 267, 195-200.	7.3	74
265	Meta-analysis of agreement between MRI and pathologic breast tumour size after neoadjuvant chemotherapy. British Journal of Cancer, 2013, 109, 1528-1536.	6.4	83
266	Noncardiac Findings in Clinical Cardiac Magnetic Resonance. Journal of Computer Assisted Tomography, 2013, 37, 382-386.	0.9	4
267	Contemporary Role of Computational Analysis in Endovascular Treatment for Thoracic Aortic Disease. Aorta, 2013, 1, 171-181.	0.5	9
268	Thermography is not a feasible method for breast cancer screening. Collegium Antropologicum, 2013, 37, 589-93.	0.2	9
269	High-Risk Breast Lesions at Imaging-Guided Needle Biopsy: Usefulness of MRI for Treatment Decision. American Journal of Roentgenology, 2012, 199, W240-W250.	2.2	48
270	Rotator Cuff Calcific Tendinitis: Does Warm Saline Solution Improve the Short-term Outcome of Double-Needle US-guided Treatment?. Radiology, 2012, 262, 560-566.	7.3	76

4

#	Article	IF	CITATIONS
271	Washout of Mass-Like Benign Breast Lesions at Dynamic Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2012, 36, 301-305.	0.9	3
272	A Fully Automatic Multiscale 3-Dimensional Hessian-Based Algorithm for Vessel Detection in Breast DCE-MRI. Investigative Radiology, 2012, 47, 705-710.	6.2	9
273	Contrast enhanced breast MRI: Spatial displacement from prone to supine patient's position. Preliminary results. European Journal of Radiology, 2012, 81, e771-e774.	2.6	55
274	Screening women at intermediate risk: harm or charm?. European Journal of Radiology, 2012, 81, S116-S117.	2.6	2
275	Screening high risk women with MRI alone?. European Journal of Radiology, 2012, 81, S137-S138.	2.6	5
276	High- <i>b</i> -Value Diffusion-weighted MR Imaging of Benign Hepatocellular Lesions: Quantitative and Qualitative Analysis. Radiology, 2012, 262, 511-519.	7.3	77
277	Technical quality of CT colonography in relation with diverticular disease. European Journal of Radiology, 2012, 81, e250-e254.	2.6	12
278	The use of bedside chest radiography at a university hospital. Data on a two-week period. European Journal of Radiology, 2012, 81, e260-e263.	2.6	4
279	MRI of fat necrosis of the breast: The "black hole―sign at short tau inversion recovery. European Journal of Radiology, 2012, 81, e573-e579.	2.6	10
280	Atypical myocardial delayed enhancement after surgical ventricle restoration. European Journal of Radiology, 2012, 81, e292-e297.	2.6	4
281	Computerâ€aided diagnosis for dynamic contrastâ€enhanced breast MRI of massâ€like lesions using a multiparametric model combining a selection of morphological, kinetic, and spatiotemporal features. Medical Physics, 2012, 39, 1704-1715.	3.0	43
282	Early prediction of pathologic response to neoadjuvant therapy in breast cancer: Systematic review of the accuracy of MRI. Breast, 2012, 21, 669-677.	2.2	165
283	Response to Treatment: The Role of Imaging. , 2012, , 15-37.		5
284	Preoperative MRI: Did randomized trials conclude the debate?. European Journal of Radiology, 2012, 81, S135-S136.	2.6	4
285	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
286	Magnetic resonance imaging of painful total hip replacement: detection and characterisation of periprosthetic fluid collection and interobserver reproducibility. Radiologia Medica, 2012, 117, 85-95.	7.7	16
287	Mammography: EUSOBI recommendations for women's information. Insights Into Imaging, 2012, 3, 7-10.	3.4	21

288 Evidence-based Radiology and Its Relationship with Quality. , 2012, , 255-290.

#	Article	IF	CITATIONS
289	Errors in Radiology: A Biostatistical Framework. , 2012, , 235-247.		0
290	Cardiac magnetic resonance: Impact on diagnosis and management of patients with congenital cardiovascular disease. Clinical Radiology, 2011, 66, 720-725.	1.1	18
291	Optimizing dose and administration regimen of a high-relaxivity contrast agent for myocardial MRI late gadolinium enhancement. European Journal of Radiology, 2011, 80, 96-102.	2.6	11
292	Measurement of renal volume using respiratory-gated MRI in subjects without known kidney disease: Intraobserver, interobserver, and interstudy reproducibility. European Journal of Radiology, 2011, 80, e212-e216.	2.6	20
293	Magnetic resonance imaging of the knee after medial unicompartmental arthroplasty. European Journal of Radiology, 2011, 80, e416-21.	2.6	13
294	Evaluation of inflammatory status of atherosclerotic carotid plaque before thromboendarterectomy using delayed contrast-enhanced subtracted images after magnetic resonance angiography. European Journal of Radiology, 2011, 80, e373-e380.	2.6	13
295	Multicenter Surveillance of Women at High Genetic Breast Cancer Risk Using Mammography, Ultrasonography, and Contrast-Enhanced Magnetic Resonance Imaging (the High Breast Cancer Risk) Tj ETQq1 1	. 06784314	1 rg8 ∮ /Overle
296	In Vivo Detection of Choline in Ovarian Tumors Using 3D Magnetic Resonance Spectroscopy. Investigative Radiology, 2011, 46, 377-382.	6.2	34
297	Ultrasound-guided percutaneous injection of triamcinolone acetonide for treating capsular contracture in patients with augmented and reconstructed breast. European Radiology, 2011, 21, 575-581.	4.5	16
298	The abstract format of original articles: differences between imaging and non-imaging journals. European Radiology, 2011, 21, 2235-2243.	4.5	1
299	Renal volume assessment with 3D ultrasound. Radiologia Medica, 2011, 116, 1095-1104.	7.7	8
300	Performance of a fully automatic lesion detection system for breast DCEâ€MRI. Journal of Magnetic Resonance Imaging, 2011, 34, 1341-1351.	3.4	53
301	In Vivo Evaluation of the Chemical Composition of Urinary Stones Using Dual-Energy CT. American Journal of Roentgenology, 2011, 197, W76-W83.	2.2	101
302	Breast MRI Using a High-Relaxivity Contrast Agent: An Overview. American Journal of Roentgenology, 2011, 196, 942-955.	2.2	26
303	Multicenter, Double-Blind, Randomized, Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Breast MR Imaging (DETECT Trial). Radiology, 2011, 258, 396-408.	7.3	55
304	Variation of Breast Vascular Maps on Dynamic Contrast-Enhanced MRI After Primary Chemotherapy of Locally Advanced Breast Cancer. American Journal of Roentgenology, 2011, 196, 1214-1218.	2.2	19
305	Treatment of Calcific Tendinitis of the Rotator Cuff by Ultrasound-Guided Single-Needle Lavage Technique. American Journal of Roentgenology, 2011, 197, W366-W366.	2.2	25
306	Handling a High Relaxivity Contrast Material for Dynamic Breast MR Imaging Using Higher Thresholds for the Initial Enhancement. Investigative Radiology, 2010, 45, 114-120.	6.2	12

#	Article	IF	CITATIONS
307	In Vivo Assessment of Coronary Stents With 64-Row Multidetector Computed Tomography. Journal of Computer Assisted Tomography, 2010, 34, 921-926.	0.9	7
308	Breast Magnetic Resonance Imaging. Breast Care, 2010, 5, 425-429.	1.4	2
309	Evidence-based radiology: why and how?. European Radiology, 2010, 20, 1-15.	4.5	88
310	Management of post-surgical biliary leakage with percutaneous transhepatic biliary drainage (PTBD) and occlusion balloon (OB) in patients without dilatation of the biliary tree: preliminary results. European Radiology, 2010, 20, 1061-1068.	4.5	40
311	Myocardial delayed enhancement using a single dose (0.1 mmol/kg) of gadobenate dimeglumine: contrast resolution versus intraventricular blood and viable myocardium. Radiologia Medica, 2010, 115, 693-701.	7.7	5
312	Additional findings at preoperative MRI: a simple golden rule for a complex problem?. Breast Cancer Research and Treatment, 2010, 124, 717-721.	2.5	15
313	Relation of Echocardiographic Epicardial Fat Thickness and Myocardial Fat. American Journal of Cardiology, 2010, 105, 1831-1835.	1.6	124
314	Overview of the role of pre-operative breast MRI in the absence of evidence on patient outcomes. Breast, 2010, 19, 3-6.	2.2	60
315	Vessel Analysis on Contrast-Enhanced MRI of the Breast: Global or Local Vascularity?. American Journal of Roentgenology, 2010, 195, 1246-1249.	2.2	12
316	US-guided Percutaneous Treatment of Shoulder Calcific Tendonitis: Some Clarifications Are Needed. Radiology, 2010, 254, 990-990.	7.3	16
317	Magnetic resonance imaging of the breast: Recommendations from the EUSOMA working group. European Journal of Cancer, 2010, 46, 1296-1316.	2.8	813
318	Regenerative nodules in patients with chronic Budd-Chiari syndrome: A longitudinal study using multiphase contrast-enhanced multidetector CT. European Journal of Radiology, 2010, 73, 588-593.	2.6	37
319	A fully automatic algorithm for segmentation of the breasts in DCE-MR images. , 2010, 2010, 3146-9.		32
320	Coronaro-RM. , 2010, , 103-119.		0
321	Rotator Cuff Calcific Tendonitis: Short-term and 10-year Outcomes after Two-Needle US-guided Percutaneous Treatment— Nonrandomized Controlled Trial. Radiology, 2009, 252, 157-164.	7.3	201
322	In Vivo Proton MR Spectroscopy of the Breast Using the Total Choline Peak Integral as a Marker of Malignancy. American Journal of Roentgenology, 2009, 192, 1608-1617.	2.2	81
323	Long-term follow-up free of ventricular fibrillation recurrence after resuscitated cardiac arrest in a myotonic dystrophy type 1 patient. Europace, 2009, 11, 1243-1244.	1.7	3
324	Caso 15. Radiologia, 2009, 51, 618-619.	0.5	0

#	Article	IF	CITATIONS
325	MR imaging of the knee in patients with medial unicompartmental arthroplasty: comparison among sequences at 1.5 T. Radiologia Medica, 2009, 114, 301-311.	7.7	11
326	Contrast-enhanced breast MR imaging of claustrophobic or oversized patients using an open low-field magnet. Radiologia Medica, 2009, 114, 267-285.	7.7	12
327	MR imaging of aortic coarctation. Radiologia Medica, 2009, 114, 524-537.	7.7	26
328	Primary hyperparathyroidism: can ultrasonography be the only preoperative diagnostic procedure?. Radiologia Medica, 2009, 114, 1159-1172.	7.7	28
329	Development of molecular imaging in the European radiological community. European Radiology, 2009, 19, 533-536.	4.5	4
330	Evaluation of carotid vessel wall enhancement with image subtraction after gadobenate dimeglumine-enhanced MR angiography. European Journal of Radiology, 2009, 70, 589-594.	2.6	4
331	Magnetic resonance imaging of renal involvement in genetically studied patients with tuberous sclerosis complex. European Journal of Radiology, 2009, 72, 335-341.	2.6	7
332	The value of true-FISP sequence added to conventional gadolinium-enhanced MRA of abdominal aorta and its major branches. European Journal of Radiology, 2009, 72, 489-493.	2.6	23
333	Biostatistics for Radiologists. , 2009, , .		39
334	Advantages of Two-Stage Revision Arthroplasty. , 2009, , 127-134.		0
335	MR spectroscopy of the breast. Radiologia Medica, 2008, 113, 56-64.	7.7	41
336	Supervised automatic procedure to identify new lesions in brain MR longitudinal studies of patients with multiple sclerosis. Radiologia Medica, 2008, 113, 300-306.	7.7	1
337	Indications for breast magnetic resonance imaging. Consensus document "Attualità in senologiaâ€ , Florence 2007. Radiologia Medica, 2008, 113, 1085-1095.	7.7	38
338	Segmentation of cardiac cine MR images of left and right ventricles: Interactive semiautomated methods and manual contouring by two readers with different education and experience. Journal of Magnetic Resonance Imaging, 2008, 27, 785-792.	3.4	45
339	In vitro investigation of poor cerebrospinal fluid suppression on fluid-attenuated inversion recovery images in the presence of a gadolinium-based contrast agent. Magnetic Resonance in Medicine, 2008, 60, 220-223.	3.0	9
340	Evaluation of lesions of uncertain malignant potential (B3) at core needle biopsy using magnetic resonance imaging: A new approach warrants prospective studies. Breast, 2008, 17, 117-119.	2.2	7
341	What is the sensitivity of mammography and dynamic MR imaging for DCIS if the whole-breast histopathology is used as a reference standard?. Radiologia Medica, 2008, 113, 439-451.	7.7	20
342	Vascular Maps on Contrast-enhanced Breast MR Images: A New Approach Requiring Further Investigation. Radiology, 2008, 247, 295-296.	7.3	9

#	Article	IF	CITATIONS
343	Gadobenate Dimeglumine as a Contrast Agent for Dynamic Breast Magnetic Resonance Imaging. Investigative Radiology, 2008, 43, 236-242.	6.2	27
344	Multicenter Comparative Multimodality Surveillance of Women at Genetic-Familial High Risk for Breast Cancer (HIBCRIT Study): Interim Results. Radiology, 2007, 242, 698-715.	7.3	324
345	Management of an Inherited Predisposition to Breast Cancer. New England Journal of Medicine, 2007, 357, 1663-1663.	27.0	13
346	The long-term effect of AHSCT on MRI measures of MS evolution: a five-year follow-up study. Multiple Sclerosis Journal, 2007, 13, 1068-1070.	3.0	53
347	Abnormal Choline Phospholipid Metabolism in Breast and Ovary Cancer:Molecular Bases for Noninvasive Imaging Approaches. Current Medical Imaging, 2007, 3, 123-137.	0.8	51
348	Common carotid artery pseudoaneurysm after neck dissection: colour Doppler ultrasound and multidetector computed tomography findings. Journal of Laryngology and Otology, 2007, 121, 497-500.	0.8	11
349	Proinflammatory cytokines and cardiac abnormalities in uncomplicated obesity: Relationship with abdominal fat deposition. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 294-302.	2.6	86
350	Long-term follow-up of patients treated with glatiramer acetate: a multicentre, multinational extension of the European/Canadian double-blind, placebo-controlled, MRI-monitored trial. Multiple Sclerosis Journal, 2007, 13, 502-508.	3.0	53
351	Breast MR imaging in women at high-risk of breast cancer. Is something changing in early breast cancer detection?. European Radiology, 2007, 17, 873-887.	4.5	112
352	Breast vascular mapping obtained with contrast-enhanced MR imaging: implications for cancer diagnosis, treatment, and risk stratification. European Radiology, Supplement, 2007, 17, 48-51.	1.4	27
353	MR imaging and proton spectroscopy of the breast: how to select the images useful to convey the diagnostic message. Radiologia Medica, 2007, 112, 1060-1068.	7.7	10
354	The value of chemical fat-saturation pulse added to T1-weighted spin-echo sequence in evaluating gadolinium-enhancing brain lesions in multiple sclerosis. Radiologia Medica, 2007, 112, 1244-1251.	7.7	4
355	Imaging of the small bowel in Crohn's disease: A review of old and new techniques. World Journal of Gastroenterology, 2007, 13, 3279.	3.3	60
356	Potential predictive factors of osteoporosis in HIV-positive subjects. Bone, 2006, 38, 893-897.	2.9	90
357	Delayed Enhancement of Subendocardial Infarcted Myocardium with Gadobenate Dimeglumine: A Paradoxical Effect—Is a Double Dose Too Much?. Radiology, 2006, 240, 914-916.	7.3	8
358	Liver Metastases on Serial Contrast-enhanced Multidetector Computed Tomography Examinations. Journal of Computer Assisted Tomography, 2006, 30, 378-385.	0.9	5
359	Unknown internal carotid artery atherosclerotic stenoses detected with biphasic multidetector computed tomography for head and neck cancer. European Radiology, 2006, 16, 866-871.	4.5	6
360	One-shot CT and MR arthrography of the shoulder with a mixture of iodinated and paramagnetic contrast agents using arthroscopy as a gold standard. Radiologia Medica, 2006, 111, 53-60.	7.7	18

#	Article	IF	CITATIONS
361	MR spectroscopy of the heart. Radiologia Medica, 2006, 111, 1025-1034.	7.7	10
362	Contrast-Enhanced Breast MRI in Patients with Suspicious Microcalcifications on Mammography: Results of a Multicenter Trial. American Journal of Roentgenology, 2006, 186, 1723-1732.	2.2	104
363	Dynamic breast magnetic resonance imaging without complications in a patient with dual-chamber demand pacemaker. Acta Radiologica, 2006, 47, 24-27.	1.1	3
364	Low-fat angiomyolipoma of the liver studied with contrast-enhanced ultrasound and multidetector computed tomography. Acta Radiologica, 2006, 47, 543-546.	1.1	9
365	Non-nucleoside-reverse-transcriptase-inhibitor-based HAART and osteoporosis in HIV-infected subjects. Journal of Antimicrobial Chemotherapy, 2006, 58, 485-486.	3.0	12
366	Osteoporosis in HIV-Infected Subjects: A Combined Effect of Highly Active Antiretroviral Therapy and HIV Itself?. Journal of Acquired Immune Deficiency Syndromes (1999), 2005, 40, 503-504.	2.1	15
367	White matter hyperintensities on brain magnetic resonance in systemic sclerosis. Annals of the Rheumatic Diseases, 2005, 64, 777-779.	0.9	29
368	Percutaneous Extraluminal Recanalization: Usefulness of False Channel Balloon Dilation and Heparin Administration before True Lumen Reentry. Radiology, 2005, 237, 744-745.	7.3	4
369	Women with History of Breast Cancer Excluded from Screening Programs: Is It the Right Choice?. Radiology, 2005, 234, 971-972.	7.3	8
370	Gadobenate Dimeglumine–enhanced MR Imaging Breast Vascular Maps: Association between Invasive Cancer and Ipsilateral Increased Vascularity. Radiology, 2005, 235, 791-797.	7.3	98
371	Sensitivity of MRI Versus Mammography for Detecting Foci of Multifocal, Multicentric Breast Cancer in Fatty and Dense Breasts Using the Whole-Breast Pathologic Examination as a Gold Standard. American Journal of Roentgenology, 2004, 183, 1149-1157.	2.2	403
372	MultiHance for dynamic MR imaging of the breast. European Radiology, Supplement, 2004, 14, O65-O70.	1.4	2
373	Dynamic Breast Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2004, 28, 642-646.	0.9	19
374	MR imaging of the breast: indications, established technique, and new directions. European Radiology, 2003, 13, N28-N36.	4.5	31
375	Safety of the long-time monthly triple dose of a Gd-based contrast agent. European Radiology, 2003, 13, L243-L244.	4.5	5
376	Chronic epigastric blood collection after coronary artery bypass grafting. Clinical Imaging, 2003, 27, 398-399.	1.5	0
377	Computed tomography in breast cancer imaging?. Surgery, 2003, 134, 844.	1.9	3
378	Gadobenate Dimeglumine-Enhanced MRI of the Breast:Analysis of Dose Response and Comparison with Gadopentetate Dimeglumine. American Journal of Roentgenology, 2003, 181, 663-676.	2.2	68

#	Article	IF	CITATIONS
379	MR evaluation of coronary stents with navigator echo and breath-hold cine gradient-echo techniques. European Radiology, 2002, 12, 193-200.	4.5	21
380	Growing Region Segmentation Software (GRES) for quantitative magnetic resonance imaging of multiple sclerosis: intra- and inter-observer agreement variability: a comparison with manual contouring method. European Radiology, 2002, 12, 866-871.	4.5	23
381	Breast MRI: report on a multicentric national trial by the Study Section of Magnetic Resonance and Breast Imaging. Radiologia Medica, 2002, 104, 262-72.	7.7	5
382	Volume measurement with magnetic resonance imaging of hippocampus-amygdala formation in patients with anorexia nervosa. Journal of Endocrinological Investigation, 2001, 24, 510-514.	3.3	76
383	Title is missing!. International Journal of Cardiovascular Imaging, 2000, 16, 485-485.	0.6	2
384	Adipose replacement and wall motion abnormalities in right ventricle arrhythmias: evaluation by MR imaging. Retrospective evaluation on 124 patients. International Journal of Cardiovascular Imaging, 2000, 16, 105-115.	0.6	37
385	Value of navigator echo magnetic resonance angiography in detecting occlusion/patency of arterial and venous, single and sequential coronary bypass grafts. International Journal of Cardiovascular Imaging, 2000, 16, 149-160.	0.6	29
386	Magnetic resonance imaging of athlete's heart: myocardial mass, left ventricular function, and cross-sectional area of the coronary arteries. European Radiology, 2000, 10, 319-325.	4.5	33
387	Breast Biphasic Compression versus Standard Monophasic Compression in X-ray Mammography. Radiology, 2000, 217, 576-580.	7.3	22
388	Three-dimensional, Navigator-Echo MR Coronary Angiography in Detecting Stenoses of the Major Epicardial Vessels, with Conventional Coronary Angiography as the Standard of Reference. Radiology, 2000, 214, 808-814.	7.3	77
389	MR Dynamic Enhancement of Breast Lesions: High Temporal Resolution During the First-Minute versus Eight-Minute Study. Journal of Computer Assisted Tomography, 2000, 24, 724-731.	0.9	30
390	Double-contrast magnetic resonance examination of ulcerative colitis. European Radiology, 1999, 9, 875-879.	4.5	13
391	Do magnesium ions influence barium mucosal coating of the large bowel?. European Radiology, 1999, 9, 1135-1138.	4.5	6
392	fMRI studies of visual cortical activity during noise stimulation. Neurocomputing, 1999, 26-27, 511-516.	5.9	30
393	Can the synchronization of cortical areas be evidenced by fMRI?. Neurocomputing, 1999, 26-27, 1019-1024.	5.9	3
394	Bowel preparation for the double-contrast barium enema: How to maintain coating with cleansing?. Clinical Radiology, 1999, 54, 216-220.	1.1	6
395	MR Angiography of Internal Carotid Arteries: Breath-Hold Gd-Enhanced 3D Fast Imaging with Steady-State Precession Versus Unenhanced 2D and 3D Time-of-Flight Techniques. Journal of Computer Assisted Tomography, 1999, 23, 208-215.	0.9	62
396	Dynamic Helical CT of Breast Tumors. Journal of Computer Assisted Tomography, 1998, 22, 398-407.	0.9	35

#	Article	IF	CITATIONS
397	Impaired quantitative cerebral blood flow in scleroderma patients. Journal of the Neurological Sciences, 1997, 152, 63-71.	0.6	37
398	Magnetic resonance evaluation of autonomous thyroid nodules treated by percutaneous ethanol injection. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1997, 5, 267-274.	2.0	3
399	Imaging of angioleiomyoma. , 1996, 24, 268-271.		22
400	Imaging of angioleiomyoma. Journal of Clinical Ultrasound, 1996, 24, 268-271.	0.8	1
401	Right ventricular dysplasia as a generalized cardiomyopathy?. European Heart Journal, 1995, 16, 1619-1624.	2.2	49
402	Magnetic resonance imaging in Bland-White-Garland syndrome. American Heart Journal, 1995, 129, 1040-1042.	2.7	12
403	Cranial MRI in ataxia-telangiectasia. Neuroradiology, 1995, 37, 77-82.	2.2	52
404	Uterus didelphys with blind hemivagina and ipsilateral renal agenesis: MR findings before and after vaginal septum resection. European Journal of Radiology, 1995, 19, 164-170.	2.6	15
405	MRI in Hypertrophic Cardiomyopathy. Journal of Computer Assisted Tomography, 1993, 17, 862-872.	0.9	36