Francesco Sardanelli

List of Publications by Year in descending order

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405 papers 13,499 citations

56 h-index 96 g-index

417 all docs

417 docs citations

417 times ranked

13497 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.	1.2	10
2	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysisÂ(MIPA). European Radiology, 2022, 32, 1611-1623.	2.3	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.	1.1	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.	1.3	5
5	A Combined Deep Learning System for Automatic Detection of "Bovine―Aortic Arch on Computed Tomography Scans. Applied Sciences (Switzerland), 2022, 12, 2056.	1.3	1
6	Development and Validation of an Al-driven Mammographic Breast Density Classification Tool Based on Radiologist Consensus. Radiology: Artificial Intelligence, 2022, 4, e210199.	3.0	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.	3.0	10
8	Radiation Dose of Contrast-Enhanced Mammography: A Two-Center Prospective Comparison. Cancers, 2022, 14, 1774.	1.7	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.	2.3	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.	1.1	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.	4.7	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.	0.2	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.	4.7	6
14	Contrast-enhanced Mammography: A Systematic Review and Meta-Analysis of Diagnostic Performance. Radiology, 2022, 302, 568-581.	3.6	57
15	Quantitative Assessment of Late Gadolinium Enhancement and Edema at Cardiac Magnetic Resonance in Low-Risk Myocarditis Patients. Tomography, 2022, 8, 974-984.	0.8	O
16	Quantification of epicardial adipose tissue in obese patients using an open-bore MR scanner. European Radiology Experimental, 2022, 6, .	1.7	1
17	Contrast-enhanced mammography for the assessment of screening recalls: a two-centre study. European Radiology, 2022, 32, 7388-7399.	2.3	13
18	Radiologic evolution of pulmonary arterial thrombosis associated with SARS-CoV-2 pneumonia. Vasa - European Journal of Vascular Medicine, 2022, 51, 263-264.	0.6	0

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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.	0.5	4
20	Right and left ventricle native T1 mapping in systolic phase in patients with congenital heart disease. Acta Radiologica, 2021, 62, 334-340.	0.5	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.	4.7	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.	0.2	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.	1.1	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.	0.8	2
25	Diagnosis of left atrial appendage thrombus in patients with atrial fibrillation: delayed contrast-enhanced cardiac CT. European Radiology, 2021, 31, 1236-1244.	2.3	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.	2.3	13
27	Pulmonary thromboembolism in coronavirus disease 2019 patients undergoing thromboprophylaxis. Medicine (United States), 2021, 100, e24002.	0.4	9
28	Visceral adipose tissue area predicts intensive care unit admission in COVID-19 patients. Obesity Research and Clinical Practice, 2021, 15, 89-92.	0.8	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.	1.7	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.	1.1	13
31	Subcutaneous, Paracardiac, and Epicardial Fat CT Density Before/After Contrast Injection: Any Correlation with CAD?. Journal of Clinical Medicine, 2021, 10, 735.	1.0	3
32	Why is appropriate healthcare inaccessible for many European breast cancer patients? – The EBCC 12 manifesto. Breast, 2021, 55, 128-135.	0.9	18
33	Late gadolinium enhancement in patients with Tetralogy of Fallot: A systematic review. European Journal of Radiology, 2021, 136, 109521.	1.2	6
34	Al applications to medical images: From machine learning to deep learning. Physica Medica, 2021, 83, 9-24.	0.4	253
35	Artificial Intelligence Applied to Chest X-ray for Differential Diagnosis of COVID-19 Pneumonia. Diagnostics, 2021, 11, 530.	1.3	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.	1,1	16

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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.	1.1	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.	1.1	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.	1.3	10
40	CT-derived Chest Muscle Metrics for Outcome Prediction in Patients with COVID-19. Radiology, 2021, 300, E328-E336.	3.6	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.	1.6	51
42	MR enterography grading of pediatric ileocolonic Crohn disease activity based on a single bowel segment. Radiologia Medica, 2021, 126, 1396-1406.	4.7	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.	1.2	2
44	Epicardial fat inflammation response to COVIDâ€19 therapies. Obesity, 2021, 29, 1427-1433.	1.5	13
45	Carotid Phase-Contrast Magnetic Resonance before Treatment: 4D-Flow versus Standard 2D Imaging. Tomography, 2021, 7, 513-522.	0.8	0
46	Mammography self-evaluation online test for screening readers: an Italian Society of Medical Radiology (SIRM) initiative. European Radiology, 2021, , 1.	2.3	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.	1.3	3
48	CT-derived epicardial adipose tissue density: Systematic review and meta-analysis. European Journal of Radiology, 2021, 143, 109902.	1.2	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.	1.2	4
50	MRI-Derived Tumour-to-Breast Volume Is Associated with the Extent of Breast Surgery. Diagnostics, 2021, 11, 204.	1.3	2
51	White matter hyperintensities classified according to intensity and spatial location reveal specific associations with cognitive performance. NeuroImage: Clinical, 2021, 30, 102616.	1.4	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.	1.7	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.	1.3	2

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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.	1.7	5
56	White Matter Hyperintensities Quantification in Healthy Adults: A Systematic Review and Metaâ€Analysis. Journal of Magnetic Resonance Imaging, 2021, 53, 1732-1743.	1.9	12
57	Potential role of epicardial adipose tissue as a biomarker of anthracycline cardiotoxicity. Insights Into Imaging, 2021, 12, 161.	1.6	6
58	MRIâ€Derived Biomarkers Related to Sarcopenia: A Systematic Review. Journal of Magnetic Resonance Imaging, 2020, 51, 1117-1127.	1.9	21
59	Upgrade Rate of Percutaneously Diagnosed Pure Atypical Ductal Hyperplasia: Systematic Review and Meta-Analysis of 6458 Lesions. Radiology, 2020, 294, 76-86.	3.6	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.	1.2	1
61	Fast thoracic MRI as an alternative to chest x-ray: A retrospective evaluation of 287 patients. Clinical Imaging, 2020, 60, 244-248.	0.8	1
62	Gadolinium Retention and Breast MRI Screening: More Harm Than Good?. American Journal of Roentgenology, 2020, 214, 324-327.	1.0	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.	0.9	7
64	Novel imaging biomarkers: epicardial adipose tissue evaluation. British Journal of Radiology, 2020, 93, 20190770.	1.0	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.	1.2	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.	1.3	3
68	Association of mediastinal lymphadenopathy with COVID-19 prognosis. Lancet Infectious Diseases, The, 2020, 20, 1230-1231.	4.6	25
69	Breast Cancer Screening and Diagnosis: A Synopsis of the European Breast Guidelines. Annals of Internal Medicine, 2020, 172, 46.	2.0	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.	4.7	38
71	Diagnostic Value of Global Cardiac Strain in Patients With Myocarditis. Journal of Computer Assisted Tomography, 2020, 44, 591-598.	0.5	5
72	Open 1.0-T versus closed 1.5-T cardiac MR: Image quality assessment. Clinical Imaging, 2020, 68, 102-107.	0.8	4

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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.	0.9	3
74	Epicardial Fat Inflammation in Severe COVIDâ€19. Obesity, 2020, 28, 2260-2262.	1.5	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.	1.0	1
76	Pitfalls of Computed Tomography 3D Reconstruction Models in Cranial Nonmetric Analysis*. Journal of Forensic Sciences, 2020, 65, 2098-2107.	0.9	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.	1.1	7
78	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. European Radiology, 2020, 30, 5427-5436.	2.3	18
79	Assessing the Value of Diagnostic Tests in the Coronavirus Disease 2019 Pandemic. Radiology, 2020, 296, E193-E194.	3.6	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.	1.1	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.	1.0	5
82	CT-derived pulmonary vascular metrics and clinical outcome in COVID-19 patients. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1325-1333.	1.1	33
83	An update on the management of breast atypical ductal hyperplasia. British Journal of Radiology, 2020, 93, 20200117.	1.0	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.	0.8	81
85	Bringing radiology to patient's home using mobile equipment: A weapon to fight COVID-19 pandemic. Clinical Imaging, 2020, 68, 99-101.	0.8	18
86	Repaired Congenital Heart Disease in Older Children and Adults. Radiologic Clinics of North America, 2020, 58, 503-516.	0.9	3
87	Double reading of diffusion-weighted magnetic resonance imaging for breast cancer detection. Breast Cancer Research and Treatment, 2020, 180, 111-120.	1.1	38
88	Dual-Energy CT for Locoregional Staging of Breast Cancer: Preliminary Results. American Journal of Roentgenology, 2020, 214, 707-714.	1.0	41
89	Peripheral artery disease: how much inter-leg symmetry? A contrast-enhanced magnetic resonance angiography study. Medicine (United States), 2020, 99, e19637.	0.4	0
90	First-in-Man Study Evaluating the Emblok Embolic Protection System During TranscatheterÂAortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 860-868.	1,1	18

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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.	1.6	96
92	Rare Disease: Cardiac Risk Assessment With MRI in Patients With Myotonic Dystrophy Type 1. Frontiers in Neurology, 2020, 11, 192.	1.1	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.	1.6	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.	1.7	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.	1.7	44
97	Statistical significance: p value, 0.05 threshold, and applications to radiomics—reasons for a conservative approach. European Radiology Experimental, 2020, 4, 18.	1.7	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.	1.6	7
99	Systematic Reviews, Meta-Analyses, and Cost-Effective Analyses on Breast MRI Screening of High-Risk Women. , 2020, , 167-187.		0
100	Primary Studies on Breast MRI Screening of High-Risk Women. , 2020, , 131-151.		0
101	Hypotheses for the Future. , 2020, , 355-369.		0
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.	1.6	5
104	Right ventricular strain in repaired Tetralogy of Fallot with regards to pulmonary valve replacement. European Journal of Radiology, 2020, 131, 109235.	1.2	7
105	Ultrasound semiautomatic versus manual estimation of carotid intima-media thickness: reproducibility and cardiovascular risk stratification. Medical Ultrasonography, 2020, 22, 402.	0.4	0
106	Screening mammography beyond breast cancer: breast arterial calcifications as a sex-specific biomarker of cardiovascular risk. European Journal of Radiology, 2019, 119, 108636.	1.2	22
107	The future of radiology is now: the first 100 articles published in European Radiology Experimental. European Radiology Experimental, 2019, 3, 28.	1.7	1
108	The synergy between radiographic and macroscopic observation of skeletal lesions on dry bone. International Journal of Legal Medicine, 2019, 133, 1611-1628.	1.2	7

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109	Technique, protocols and adverse reactions for contrast-enhanced spectral mammography (CESM): a systematic review. Insights Into Imaging, 2019, 10, 76.	1.6	78
110	Histologic and radiological analysis on bone fractures: Estimation of posttraumatic survival time in skeletal trauma. Forensic Science International, 2019, 302, 109909.	1.3	21
111	Nipple discharge: The state of the art. BJR Open, 2019, 1, 20180016.	0.4	10
112	Prenatal MRI of neck masses with special focus on the evaluation of foetal airway. Radiologia Medica, 2019, 124, 917-925.	4.7	5
113	Brain vascular changes in adults with congenital heart disease: A systematic review. NeuroImage: Clinical, 2019, 23, 101873.	1.4	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.	2.3	7
115	Clinical practice guidelines on ultrasound-guided fine needle aspiration biopsy of thyroid nodules: a critical appraisal using AGREE II. Endocrine, 2019, 65, 371-378.	1.1	5
116	Quantification of visceral adipose tissue by computed tomography and magnetic resonance imaging: reproducibility and accuracy. Radiologia Brasileira, 2019, 52, 1-6.	0.3	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.	1.1	143
118	Imaging-guided Percutaneous Ablation: A Step Forward to Minimize the Invasiveness of Breast Cancer Treatment. Radiology, 2019, 290, 849-850.	3.6	3
119	Methods for Development of the European Commission Initiative on Breast Cancer Guidelines. Annals of Internal Medicine, 2019, 171, 273.	2.0	39
120	The emerging role of contrast-enhanced mammography. Quantitative Imaging in Medicine and Surgery, 2019, 9, 2012-2018.	1.1	23
121	Pulmonary Insufficiency. Journal of Thoracic Imaging, 2019, 34, 380-386.	0.8	1
122	Artificial Intelligence for Breast MRI in 2008–2018: A Systematic Mapping Review. American Journal of Roentgenology, 2019, 212, 280-292.	1.0	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.	4.7	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.	1.6	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.	0.3	0
126	High-quality low-dose cardiovascular computed tomography (CCT) in pediatric patients using a 64-slice scanner. Acta Radiologica, 2018, 59, 1247-1253.	0.5	6

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127	To share or not to share? Expected pros and cons of data sharing in radiological research. European Radiology, 2018, 28, 2328-2335.	2.3	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.	2.3	12
129	Blood-threshold CMR volume analysis of functional univentricular heart. Radiologia Medica, 2018, 123, 331-337.	4.7	4
130	Clinical impact of computed tomography in the emergency department in nontraumatic chest and abdominal conditions. Emergency Radiology, 2018, 25, 393-398.	1.0	7
131	Bone marrow fat contributes to insulin sensitivity and adiponectin secretion in premenopausal women. Endocrine, 2018, 59, 410-418.	1.1	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.	4.7	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.	2.3	85
134	Fully automated contour detection of the ascending aorta in cardiac 2D phase-contrast MRI. Magnetic Resonance Imaging, 2018, 47, 77-82.	1.0	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.	1.2	4
136	Breast arterial calcifications on mammography: intra- and inter-observer reproducibility of a semi-automatic quantification tool. Radiologia Medica, 2018, 123, 168-173.	4.7	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.	1.7	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.	1.7	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.	1.6	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.	1.7	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.	1.0	22
142	Expert Review of Breast Pathology in Borderline Lesions. JAMA Oncology, 2018, 4, 1325.	3.4	9
143	Synchronous colorectal cancer using CT colonography vs. other means: a systematic review and meta-analysis. Abdominal Radiology, 2018, 43, 3241-3249.	1.0	13
144	Does Tetralogy of Fallot affect brain aging? A proof-of-concept study. PLoS ONE, 2018, 13, e0202496.	1.1	3

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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.	1.6	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.	1.6	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.	1.1	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.	4.7	14
149	1H- and 31P-myocardial magnetic resonance spectroscopy in non-obstructive hypertrophic cardiomyopathy patients and competitive athletes. Radiologia Medica, 2017, 122, 265-272.	4.7	4
150	Colonic inflammation in pediatric inflammatory bowel disease: detection with magnetic resonance enterography. Pediatric Radiology, 2017, 47, 850-859.	1.1	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.	1.6	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.	0.5	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.	0.7	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.	1.0	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.	4.7	18
156	Optical Imaging of the Breast: Basic Principles and Clinical Applications. American Journal of Roentgenology, 2017, 209, 230-238.	1.0	25
157	Image-guided thermal ablation of benign thyroid nodules. Journal of Ultrasound, 2017, 20, 11-22.	0.7	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.	1.2	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.	2.3	74
160	1H-MR spectroscopy of suspicious breast mass lesions at 3T: a clinical experience. Radiologia Medica, 2017, 122, 161-170.	4.7	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.	1.3	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.	1.6	30

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163	Detection of incidental cardiac findings in noncardiac chest computed tomography. Medicine (United) Tj ETQq1 1	0.784314 0.4	HgBT /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.	2.3	2
165	Biventricular Heart Remodeling After Percutaneous or Surgical Pulmonary Valve Implantation. Journal of Thoracic Imaging, 2017, 32, 358-364.	0.8	6
166	Trends in radiology and experimental research. European Radiology Experimental, 2017, 1, 1.	1.7	41
167	Measurement of jugular foramen diameter using MRI in multiple sclerosis patients compared to control subjects. European Radiology Experimental, 2017, 1, 4.	1.7	4
168	Mammography: an update of the EUSOBI recommendations on information for women. Insights Into Imaging, 2017, 8, 11-18.	1.6	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,	2.3	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.	0.8	11
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