

Francesco Sardanelli

List of Publications by Year in descending order

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Version: 2024-02-01

405
papers

13,499
citations

26567

56
h-index

37111

96
g-index

417
all docs

417
docs citations

417
times ranked

12694
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Magnetic resonance imaging of the breast: Recommendations from the EUSOMA working group. <i>European Journal of Cancer</i> , 2010, 46, 1296-1316. | 1.3 | 813 |
| 2 | Artificial intelligence in medical imaging: threat or opportunity? Radiologists again at the forefront of innovation in medicine. <i>European Radiology Experimental</i> , 2018, 2, 35. | 1.7 | 435 |
| 3 | 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. <i>American Journal of Roentgenology</i> , 2004, 183, 1149-1157. | 1.0 | 403 |
| 4 | Breast MRI: EUSOBI recommendations for women's information. <i>European Radiology</i> , 2015, 25, 3669-3678. | 2.3 | 330 |
| 5 | Multicenter Comparative Multimodality Surveillance of Women at Genetic-Familial High Risk for Breast Cancer (HIBCRIT Study): Interim Results. <i>Radiology</i> , 2007, 242, 698-715. | 3.6 | 324 |
| 6 | Meta-Analysis of Magnetic Resonance Imaging in Detecting Residual Breast Cancer After Neoadjuvant Therapy. <i>Journal of the National Cancer Institute</i> , 2013, 105, 321-333. | 3.0 | 298 |
| 7 | 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 0a34314 r85 /Overde | 3.6 | 287 |
| 8 | AI applications to medical images: From machine learning to deep learning. <i>Physica Medica</i> , 2021, 83, 9-24. | 0.4 | 253 |
| 9 | Artificial intelligence as a medical device in radiology: ethical and regulatory issues in Europe and the United States. <i>Insights Into Imaging</i> , 2018, 9, 745-753. | 1.6 | 240 |
| 10 | Rotator Cuff Calcific Tendonitis: Short-term and 10-year Outcomes after Two-Needle US-guided Percutaneous Treatment" Nonrandomized Controlled Trial. <i>Radiology</i> , 2009, 252, 157-164. | 3.6 | 201 |
| 11 | Early prediction of pathologic response to neoadjuvant therapy in breast cancer: Systematic review of the accuracy of MRI. <i>Breast</i> , 2012, 21, 669-677. | 0.9 | 165 |
| 12 | Statistical significance: p value, 0.05 threshold, and applications to radiomics" reasons for a conservative approach. <i>European Radiology Experimental</i> , 2020, 4, 18. | 1.7 | 162 |
| 13 | Breast Cancer Screening and Diagnosis: A Synopsis of the European Breast Guidelines. <i>Annals of Internal Medicine</i> , 2020, 172, 46. | 2.0 | 157 |
| 14 | Minimally-invasive treatments for benign thyroid nodules: a Delphi-based consensus statement from the Italian minimally-invasive treatments of the thyroid (MITT) group. <i>International Journal of Hyperthermia</i> , 2019, 36, 375-381. | 1.1 | 143 |
| 15 | Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). <i>European Radiology</i> , 2022, 32, 4036-4045. | 2.3 | 137 |
| 16 | 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, Spain, Sweden, Switzerland and Turkey. <i>European Radiology</i> , 2017, 27, 2737-2743. | 2.3 | 136 |
| 17 | Relation of Echocardiographic Epicardial Fat Thickness and Myocardial Fat. <i>American Journal of Cardiology</i> , 2010, 105, 1831-1835. | 0.7 | 124 |
| 18 | Utility of the trabecular bone score (TBS) in secondary osteoporosis. <i>Endocrine</i> , 2014, 47, 435-448. | 1.1 | 120 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Impact of artificial intelligence on radiology: a EuroAIM survey among members of the European Society of Radiology. <i>Insights Into Imaging</i> , 2019, 10, 105. | 1.6 | 118 |
| 20 | Pleural and Peripheral Lung Lesions: Comparison of US- and CT-guided Biopsy. <i>Radiology</i> , 2013, 266, 930-935. | 3.6 | 115 |
| 21 | Breast MR imaging in women at high-risk of breast cancer. Is something changing in early breast cancer detection?. <i>European Radiology</i> , 2007, 17, 873-887. | 2.3 | 112 |
| 22 | Agreement between MRI and pathologic breast tumor size after neoadjuvant chemotherapy, and comparison with alternative tests: individual patient data meta-analysis. <i>BMC Cancer</i> , 2015, 15, 662. | 1.1 | 106 |
| 23 | Contrast-Enhanced Breast MRI in Patients with Suspicious Microcalcifications on Mammography: Results of a Multicenter Trial. <i>American Journal of Roentgenology</i> , 2006, 186, 1723-1732. | 1.0 | 104 |
| 24 | In Vivo Evaluation of the Chemical Composition of Urinary Stones Using Dual-Energy CT. <i>American Journal of Roentgenology</i> , 2011, 197, W76-W83. | 1.0 | 101 |
| 25 | Contribution of mammography to MRI screening in BRCA mutation carriers by BRCA status and age: individual patient data meta-analysis. <i>British Journal of Cancer</i> , 2016, 114, 631-637. | 2.9 | 99 |
| 26 | Gadobenate Dimeglumine-enhanced MR Imaging Breast Vascular Maps: Association between Invasive Cancer and Ipsilateral Increased Vascularity. <i>Radiology</i> , 2005, 235, 791-797. | 3.6 | 98 |
| 27 | Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2020, 11, 12. | 1.6 | 96 |
| 28 | Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2018, 9, 449-461. | 1.6 | 95 |
| 29 | Potential predictive factors of osteoporosis in HIV-positive subjects. <i>Bone</i> , 2006, 38, 893-897. | 1.4 | 90 |
| 30 | Evidence-based radiology: why and how?. <i>European Radiology</i> , 2010, 20, 1-15. | 2.3 | 88 |
| 31 | Image-guided thermal ablation of benign thyroid nodules. <i>Journal of Ultrasound</i> , 2017, 20, 11-22. | 0.7 | 87 |
| 32 | Proinflammatory cytokines and cardiac abnormalities in uncomplicated obesity: Relationship with abdominal fat deposition. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, 294-302. | 1.1 | 86 |
| 33 | Breast Cancer Detection Using Double Reading of Unenhanced MRI Including T1-Weighted, T2-Weighted STIR, and Diffusion-Weighted Imaging: A Proof of Concept Study. <i>American Journal of Roentgenology</i> , 2014, 203, 674-681. | 1.0 | 86 |
| 34 | A survey by the European Society of Breast Imaging on the utilisation of breast MRI in clinical practice. <i>European Radiology</i> , 2018, 28, 1909-1918. | 2.3 | 85 |
| 35 | Meta-analysis of agreement between MRI and pathologic breast tumour size after neoadjuvant chemotherapy. <i>British Journal of Cancer</i> , 2013, 109, 1528-1536. | 2.9 | 83 |
| 36 | In Vivo Proton MR Spectroscopy of the Breast Using the Total Choline Peak Integral as a Marker of Malignancy. <i>American Journal of Roentgenology</i> , 2009, 192, 1608-1617. | 1.0 | 81 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Diagnostic Performance of Chest X-Ray for COVID-19 Pneumonia During the SARS-CoV-2 Pandemic in Lombardy, Italy. <i>Journal of Thoracic Imaging</i> , 2020, 35, W105-W106. | 0.8 | 81 |
| 38 | Osteoid Osteoma Treated by Percutaneous Thermal Ablation: When Do We Fail? A Systematic Review and Guidelines for Future Reporting. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1530-1539. | 0.9 | 78 |
| 39 | Mammography: an update of the EUSOBI recommendations on information for women. <i>Insights Into Imaging</i> , 2017, 8, 11-18. | 1.6 | 78 |
| 40 | Technique, protocols and adverse reactions for contrast-enhanced spectral mammography (CESM): a systematic review. <i>Insights Into Imaging</i> , 2019, 10, 76. | 1.6 | 78 |
| 41 | Three-dimensional, Navigator-Echo MR Coronary Angiography in Detecting Stenoses of the Major Epicardial Vessels, with Conventional Coronary Angiography as the Standard of Reference. <i>Radiology</i> , 2000, 214, 808-814. | 3.6 | 77 |
| 42 | High-Value Diffusion-weighted MR Imaging of Benign Hepatocellular Lesions: Quantitative and Qualitative Analysis. <i>Radiology</i> , 2012, 262, 511-519. | 3.6 | 77 |
| 43 | Volume measurement with magnetic resonance imaging of hippocampus-amygdala formation in patients with anorexia nervosa. <i>Journal of Endocrinological Investigation</i> , 2001, 24, 510-514. | 1.8 | 76 |
| 44 | Rotator Cuff Calcific Tendinitis: Does Warm Saline Solution Improve the Short-term Outcome of Double-Needle US-guided Treatment?. <i>Radiology</i> , 2012, 262, 560-566. | 3.6 | 76 |
| 45 | Real-time Sonoelastography of the Plantar Fascia: Comparison between Patients with Plantar Fasciitis and Healthy Control Subjects. <i>Radiology</i> , 2013, 267, 195-200. | 3.6 | 74 |
| 46 | Technical success, technique efficacy and complications of minimally-invasive imaging-guided percutaneous ablation procedures of breast cancer: A systematic review and meta-analysis. <i>European Radiology</i> , 2017, 27, 3199-3210. | 2.3 | 74 |
| 47 | Machine learning applied on chest x-ray can aid in the diagnosis of COVID-19: a first experience from Lombardy, Italy. <i>European Radiology Experimental</i> , 2021, 5, 7. | 1.7 | 74 |
| 48 | Magnetic Resonance Imaging Improves Breast Screening Sensitivity in BRCA Mutation Carriers Age ≥ 50 Years: Evidence From an Individual Patient Data Meta-Analysis. <i>Journal of Clinical Oncology</i> , 2015, 33, 349-356. | 0.8 | 72 |
| 49 | A new diagnostic score to detect osteoporosis in patients undergoing lumbar spine MRI. <i>European Radiology</i> , 2015, 25, 2951-2959. | 2.3 | 70 |
| 50 | Gadobenate Dimeglumine-Enhanced MRI of the Breast: Analysis of Dose Response and Comparison with Gadopentetate Dimeglumine. <i>American Journal of Roentgenology</i> , 2003, 181, 663-676. | 1.0 | 68 |
| 51 | Prevalence and type of errors in dual-energy x-ray absorptiometry. <i>European Radiology</i> , 2015, 25, 1504-1511. | 2.3 | 68 |
| 52 | Ultrasound-guided percutaneous irrigation in rotator cuff calcific tendinopathy: what is the evidence? A systematic review with proposals for future reporting. <i>European Radiology</i> , 2015, 25, 2176-2183. | 2.3 | 64 |
| 53 | Monoenergetic extrapolation of cardiac dual energy CT for artifact reduction. <i>Acta Radiologica</i> , 2015, 56, 413-418. | 0.5 | 62 |
| 54 | 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. <i>Journal of Computer Assisted Tomography</i> , 1999, 23, 208-215. | 0.5 | 62 |

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|----|--|-----|-----------|
| 55 | Overview of the role of pre-operative breast MRI in the absence of evidence on patient outcomes. Breast, 2010, 19, 3-6. | 0.9 | 60 |
| 56 | 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 |
| 57 | Imaging of the small bowel in Crohn's disease: A review of old and new techniques. World Journal of Gastroenterology, 2007, 13, 3279. | 1.4 | 60 |
| 58 | 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 |
| 59 | Double-needle ultrasound-guided percutaneous treatment of rotator cuff calcific tendinitis: tips & tricks. Skeletal Radiology, 2013, 42, 19-24. | 1.2 | 57 |
| 60 | Contrast-enhanced Mammography: A Systematic Review and Meta-Analysis of Diagnostic Performance. Radiology, 2022, 302, 568-581. | 3.6 | 57 |
| 61 | Multicenter, Double-Blind, Randomized, Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Breast MR Imaging (DETECT Trial). Radiology, 2011, 258, 396-408. | 3.6 | 55 |
| 62 | Contrast enhanced breast MRI: Spatial displacement from prone to supine patient's position. Preliminary results. European Journal of Radiology, 2012, 81, e771-e774. | 1.2 | 55 |
| 63 | The long-term effect of AHST on MRI measures of MS evolution: a five-year follow-up study. Multiple Sclerosis Journal, 2007, 13, 1068-1070. | 1.4 | 53 |
| 64 | 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. | 1.4 | 53 |
| 65 | Performance of a fully automatic lesion detection system for breast DCE-MRI. Journal of Magnetic Resonance Imaging, 2011, 34, 1341-1351. | 1.9 | 53 |
| 66 | Cranial MRI in ataxia-telangiectasia. Neuroradiology, 1995, 37, 77-82. | 1.1 | 52 |
| 67 | Abnormal Choline Phospholipid Metabolism in Breast and Ovary Cancer: Molecular Bases for Noninvasive Imaging Approaches. Current Medical Imaging, 2007, 3, 123-137. | 0.4 | 51 |
| 68 | 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. | 4.7 | 51 |
| 69 | 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 |
| 70 | 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. | 2.3 | 50 |
| 71 | CT-derived Chest Muscle Metrics for Outcome Prediction in Patients with COVID-19. Radiology, 2021, 300, E328-E336. | 3.6 | 50 |
| 72 | Right ventricular dysplasia as a generalized cardiomyopathy?. European Heart Journal, 1995, 16, 1619-1624. | 1.0 | 49 |

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|----|---|-----|-----------|
| 73 | High-Risk Breast Lesions at Imaging-Guided Needle Biopsy: Usefulness of MRI for Treatment Decision. American Journal of Roentgenology, 2012, 199, W240-W250. | 1.0 | 48 |
| 74 | 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. | 1.9 | 45 |
| 75 | 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 |
| 76 | Computer-aided diagnosis for dynamic contrast-enhanced breast MRI of mass-like lesions using a multiparametric model combining a selection of morphological, kinetic, and spatiotemporal features. Medical Physics, 2012, 39, 1704-1715. | 1.6 | 43 |
| 77 | Malignant Incidental Extracardiac Findings on Cardiac CT: Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2013, 201, 555-564. | 1.0 | 43 |
| 78 | 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. | 1.3 | 43 |
| 79 | Diffusion tensor imaging in the musculoskeletal and peripheral nerve systems: from experimental to clinical applications. European Radiology Experimental, 2017, 1, 12. | 1.7 | 43 |
| 80 | Artificial Intelligence for Breast MRI in 2008-2018: A Systematic Mapping Review. American Journal of Roentgenology, 2019, 212, 280-292. | 1.0 | 43 |
| 81 | Chest x-ray in the COVID-19 pandemic: Radiologists' real-world reader performance. European Journal of Radiology, 2020, 132, 109272. | 1.2 | 43 |
| 82 | Additional findings at preoperative breast MRI: the value of second-look digital breast tomosynthesis. European Radiology, 2015, 25, 2830-2839. | 2.3 | 42 |
| 83 | 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 |
| 84 | Epicardial Fat Inflammation in Severe COVID-19. Obesity, 2020, 28, 2260-2262. | 1.5 | 42 |
| 85 | MR spectroscopy of the breast. Radiologia Medica, 2008, 113, 56-64. | 4.7 | 41 |
| 86 | Trends in radiology and experimental research. European Radiology Experimental, 2017, 1, 1. | 1.7 | 41 |
| 87 | Dual-Energy CT for Locoregional Staging of Breast Cancer: Preliminary Results. American Journal of Roentgenology, 2020, 214, 707-714. | 1.0 | 41 |
| 88 | 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. | 2.3 | 40 |
| 89 | Biostatistics for Radiologists. , 2009, , . | | 39 |
| 90 | Methods for Development of the European Commission Initiative on Breast Cancer Guidelines. Annals of Internal Medicine, 2019, 171, 273. | 2.0 | 39 |

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|-----|--|-----|-----------|
| 91 | Indications for breast magnetic resonance imaging. Consensus document "Attualità in senologia", Florence 2007. Radiologia Medica, 2008, 113, 1085-1095. | 4.7 | 38 |
| 92 | Diagnostic accuracy of magnetic resonance angiography for detection of coronary artery disease: a systematic review and meta-analysis. European Radiology, 2016, 26, 3706-3718. | 2.3 | 38 |
| 93 | Novel imaging biomarkers: epicardial adipose tissue evaluation. British Journal of Radiology, 2020, 93, 20190770. | 1.0 | 38 |
| 94 | 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 |
| 95 | Double reading of diffusion-weighted magnetic resonance imaging for breast cancer detection. Breast Cancer Research and Treatment, 2020, 180, 111-120. | 1.1 | 38 |
| 96 | Impaired quantitative cerebral blood flow in scleroderma patients. Journal of the Neurological Sciences, 1997, 152, 63-71. | 0.3 | 37 |
| 97 | 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. | 0.2 | 37 |
| 98 | 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. | 1.2 | 37 |
| 99 | 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. | 1.8 | 37 |
| 100 | MRI in Hypertrophic Cardiomyopathy. Journal of Computer Assisted Tomography, 1993, 17, 862-872. | 0.5 | 36 |
| 101 | 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 |
| 102 | Dynamic Helical CT of Breast Tumors. Journal of Computer Assisted Tomography, 1998, 22, 398-407. | 0.5 | 35 |
| 103 | In Vivo Detection of Choline in Ovarian Tumors Using 3D Magnetic Resonance Spectroscopy. Investigative Radiology, 2011, 46, 377-382. | 3.5 | 34 |
| 104 | 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. | 2.3 | 33 |
| 105 | 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. | 3.6 | 33 |
| 106 | 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 |
| 107 | A fully automatic algorithm for segmentation of the breasts in DCE-MR images. , 2010, 2010, 3146-9. | | 32 |
| 108 | In-vivo Axial-strain Sonoelastography Helps Distinguish Acutely-inflamed from Fibrotic Terminal Ileum Strictures in Patients with Crohn's Disease: Preliminary Results. Ultrasound in Medicine and Biology, 2016, 42, 855-863. | 0.7 | 32 |

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|-----|---|-----|-----------|
| 109 | Accuracy of screening women at familial risk of breast cancer without a known gene mutation: Individual patient data meta-analysis. <i>European Journal of Cancer</i> , 2017, 85, 31-38. | 1.3 | 32 |
| 110 | MR imaging of the breast: indications, established technique, and new directions. <i>European Radiology</i> , 2003, 13, N28-N36. | 2.3 | 31 |
| 111 | Diverticular disease severity score based on CT colonography. <i>European Radiology</i> , 2013, 23, 2723-2729. | 2.3 | 31 |
| 112 | Post-surgical enteric fistula treatment with image-guided percutaneous injection of cyanoacrylic glue. <i>Clinical Radiology</i> , 2013, 68, 59-63. | 0.5 | 31 |
| 113 | Do we still need breast cancer screening in the era of targeted therapies and precision medicine?. <i>Insights Into Imaging</i> , 2020, 11, 105. | 1.6 | 31 |
| 114 | fMRI studies of visual cortical activity during noise stimulation. <i>Neurocomputing</i> , 1999, 26-27, 511-516. | 3.5 | 30 |
| 115 | Clinical Breast MR Using MRS or DWI: Who Is the Winner?. <i>Frontiers in Oncology</i> , 2016, 6, 217. | 1.3 | 30 |
| 116 | A critical appraisal of the quality of adult musculoskeletal ultrasound guidelines using the AGREE II tool: an EuroAIM initiative. <i>Insights Into Imaging</i> , 2017, 8, 491-497. | 1.6 | 30 |
| 117 | To share or not to share? Expected pros and cons of data sharing in radiological research. <i>European Radiology</i> , 2018, 28, 2328-2335. | 2.3 | 30 |
| 118 | MR Dynamic Enhancement of Breast Lesions: High Temporal Resolution During the First-Minute versus Eight-Minute Study. <i>Journal of Computer Assisted Tomography</i> , 2000, 24, 724-731. | 0.5 | 30 |
| 119 | Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). <i>European Radiology</i> , 2022, 32, 1611-1623. | 2.3 | 30 |
| 120 | Value of navigator echo magnetic resonance angiography in detecting occlusion/patency of arterial and venous, single and sequential coronary bypass grafts. <i>International Journal of Cardiovascular Imaging</i> , 2000, 16, 149-160. | 0.2 | 29 |
| 121 | White matter hyperintensities on brain magnetic resonance in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 777-779. | 0.5 | 29 |
| 122 | Primary hyperparathyroidism: can ultrasonography be the only preoperative diagnostic procedure?. <i>Radiologia Medica</i> , 2009, 114, 1159-1172. | 4.7 | 28 |
| 123 | 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. <i>European Radiology</i> , 2015, 25, 2194-2198. | 2.3 | 28 |
| 124 | Triple-Negative versus Non-Triple-Negative Breast Cancers in High-Risk Women: Phenotype Features and Survival from the HIBCRIT-1 MRI-Including Screening Study. <i>Clinical Cancer Research</i> , 2016, 22, 895-904. | 3.2 | 28 |
| 125 | Quantification of visceral adipose tissue by computed tomography and magnetic resonance imaging: reproducibility and accuracy. <i>Radiologia Brasileira</i> , 2019, 52, 1-6. | 0.3 | 28 |
| 126 | Opening the black box of machine learning in radiology: can the proximity of annotated cases be a way?. <i>European Radiology Experimental</i> , 2020, 4, 30. | 1.7 | 28 |

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|-----|--|-----|-----------|
| 127 | Breast vascular mapping obtained with contrast-enhanced MR imaging: implications for cancer diagnosis, treatment, and risk stratification. <i>European Radiology, Supplement</i> , 2007, 17, 48-51. | 1.8 | 27 |
| 128 | Gadobenate Dimeglumine as a Contrast Agent for Dynamic Breast Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2008, 43, 236-242. | 3.5 | 27 |
| 129 | Practical approach to imaging diagnosis of biliary atresia, Part 1: prenatal ultrasound and magnetic resonance imaging, and postnatal ultrasound. <i>Pediatric Radiology</i> , 2021, 51, 314-331. | 1.1 | 27 |
| 130 | MR imaging of aortic coarctation. <i>Radiologia Medica</i> , 2009, 114, 524-537. | 4.7 | 26 |
| 131 | Breast MRI Using a High-Relaxivity Contrast Agent: An Overview. <i>American Journal of Roentgenology</i> , 2011, 196, 942-955. | 1.0 | 26 |
| 132 | Dose Absorption in Lumbar and Femoral Dual Energy X-ray Absorptiometry Examinations Using Three Different Scan Modalities: An Anthropomorphic Phantom Study. <i>Journal of Clinical Densitometry</i> , 2013, 16, 279-282. | 0.5 | 26 |
| 133 | Contrast-Enhanced Computed Tomography Colonography in Preoperative Distinction between T1-T2 and T3-T4 Staging of Colon Cancer. <i>Academic Radiology</i> , 2013, 20, 590-595. | 1.3 | 26 |
| 134 | Gadolinium Retention and Breast MRI Screening: More Harm Than Good?. <i>American Journal of Roentgenology</i> , 2020, 214, 324-327. | 1.0 | 26 |
| 135 | Treatment of Calcific Tendinitis of the Rotator Cuff by Ultrasound-Guided Single-Needle Lavage Technique. <i>American Journal of Roentgenology</i> , 2011, 197, W366-W366. | 1.0 | 25 |
| 136 | Optical Imaging of the Breast: Basic Principles and Clinical Applications. <i>American Journal of Roentgenology</i> , 2017, 209, 230-238. | 1.0 | 25 |
| 137 | Association of mediastinal lymphadenopathy with COVID-19 prognosis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1230-1231. | 4.6 | 25 |
| 138 | Impact of contrast-enhanced computed tomography colonography on laparoscopic surgical planning of colorectal cancer. <i>Abdominal Imaging</i> , 2013, 38, 1024-1032. | 2.0 | 24 |
| 139 | A critical appraisal of the quality of adult dual-energy X-ray absorptiometry guidelines in osteoporosis using the AGREE II tool: An EuroAIM initiative. <i>Insights Into Imaging</i> , 2017, 8, 311-317. | 1.6 | 24 |
| 140 | Abdominal CT: a radiologist-driven adjustment of the dose of iodinated contrast agent approaches a calculation per lean body weight. <i>European Radiology Experimental</i> , 2018, 2, 41. | 1.7 | 24 |
| 141 | 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. <i>European Radiology</i> , 2002, 12, 866-871. | 2.3 | 23 |
| 142 | The value of true-FISP sequence added to conventional gadolinium-enhanced MRA of abdominal aorta and its major branches. <i>European Journal of Radiology</i> , 2009, 72, 489-493. | 1.2 | 23 |
| 143 | Patient-specific analysis of post-operative aortic hemodynamics: a focus on thoracic endovascular repair (TEVAR). <i>Computational Mechanics</i> , 2014, 54, 943-953. | 2.2 | 23 |
| 144 | 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. <i>European Journal of Radiology</i> , 2016, 85, 808-814. | 1.2 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
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