

Luis Marti-Bonmati

List of Publications by Year in descending order

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302
papers

7,742
citations

53794

45
h-index

79698

73
g-index

346
all docs

346
docs citations

346
times ranked

9305
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Adaptive non-local means denoising of MR images with spatially varying noise levels. Journal of Magnetic Resonance Imaging, 2010, 31, 192-203. | 3.4 | 823 |
| 2 | MRI denoising using Non-Local Means. Medical Image Analysis, 2008, 12, 514-523. | 11.6 | 467 |
| 3 | Dopamine Agonist Cabergoline Reduces Hemoconcentration and Ascites in Hyperstimulated Women Undergoing Assisted Reproduction. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2931-2937. | 3.6 | 189 |
| 4 | ¹ H and ¹³ C HR-MAS spectroscopy of intact biopsy samples <i>ex vivo</i> and <i>in vivo</i> ¹ H MRS study of human high grade gliomas. NMR in Biomedicine, 2004, 17, 191-205. | 2.8 | 168 |
| 5 | Assessment of the extension and the inflammatory activity in Crohn's disease: comparison of ultrasound and MRI. Abdominal Imaging, 2009, 34, 141-148. | 2.0 | 140 |
| 6 | ESGAR consensus statement on liver MR imaging and clinical use of liver-specific contrast agents. European Radiology, 2016, 26, 921-931. | 4.5 | 124 |
| 7 | Multimodality imaging techniques. Contrast Media and Molecular Imaging, 2010, 5, 180-189. | 0.8 | 116 |
| 8 | CT findings in Swyer-James syndrome. Radiology, 1989, 172, 477-480. | 7.3 | 108 |
| 9 | Left orbitofrontal and superior temporal gyrus structural changes associated to suicidal behavior in patients with schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1673-1676. | 4.8 | 105 |
| 10 | Schizophrenia with auditory hallucinations: A voxel-based morphometry study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 72-80. | 4.8 | 100 |
| 11 | Decompression sickness (‘the bends’) in sea turtles. Diseases of Aquatic Organisms, 2014, 111, 191-205. | 1.0 | 90 |
| 12 | Neuroimaging in tuberous sclerosis: A clinicroadiological evaluation in pediatric patients. Pediatric Radiology, 1992, 22, 485-489. | 2.0 | 89 |
| 13 | Evaluation of the Accuracy of Gadobenate Dimeglumine-Enhanced MR Imaging in the Detection and Characterization of Focal Liver Lesions. American Journal of Roentgenology, 2000, 175, 1111-1120. | 2.2 | 88 |
| 14 | Automated Glioblastoma Segmentation Based on a Multiparametric Structured Unsupervised Classification. PLoS ONE, 2015, 10, e0125143. | 2.5 | 88 |
| 15 | Metabolite identification in human liver needle biopsies by high-resolution magic angle spinning ¹ H NMR spectroscopy. NMR in Biomedicine, 2006, 19, 90-100. | 2.8 | 83 |
| 16 | Spectroscopic axonal damage of the right locus coeruleus relates to selective attention impairment in early stage relapsing-remitting multiple sclerosis. Brain, 2004, 127, 89-98. | 7.6 | 76 |
| 17 | Increased amygdala and parahippocampal gyrus activation in schizophrenic patients with auditory hallucinations: An fMRI study using independent component analysis. Schizophrenia Research, 2010, 117, 31-41. | 2.0 | 75 |
| 18 | Complications of hepatic hydatid cysts: Ultrasound, computed tomography, and magnetic resonance diagnosis. Gastrointestinal Radiology, 1990, 15, 119-125. | 0.4 | 68 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Brodie Abscess: MR imaging appearance in 10 patients. Journal of Magnetic Resonance Imaging, 1993, 3, 543-546. | 3.4 | 68 |
| 20 | Grading of subcutaneous soft tissue tumors by means of their relationship with the superficial fascia on MR imaging. Skeletal Radiology, 1998, 27, 657-663. | 2.0 | 61 |
| 21 | The value of fat-suppressed T2 or STIR sequences in distinguishing lipoma from well-differentiated liposarcoma. European Radiology, 2003, 13, 337-343. | 4.5 | 60 |
| 22 | A nonparametric MRI inhomogeneity correction method. Medical Image Analysis, 2007, 11, 336-345. | 11.6 | 60 |
| 23 | Emotional words induce enhanced brain activity in schizophrenic patients with auditory hallucinations. Psychiatry Research - Neuroimaging, 2007, 154, 21-29. | 1.8 | 60 |
| 24 | Cognitive impairment: classification by ¹ H magnetic resonance spectroscopy. European Journal of Neurology, 2004, 11, 187-193. | 3.3 | 57 |
| 25 | Chronic Auditory Hallucinations in Schizophrenic Patients: MR Analysis of the Coincidence between Functional and Morphologic Abnormalities. Radiology, 2007, 244, 549-556. | 7.3 | 57 |
| 26 | Diagnosis of Sturge-Weber syndrome: comparison of the efficacy of CT and MR imaging in 14 cases.. American Journal of Roentgenology, 1992, 158, 867-871. | 2.2 | 56 |
| 27 | Brain atrophy and lesion load are related to CSF lipid-specific IgM oligoclonal bands in clinically isolated syndromes. Neuroradiology, 2012, 54, 5-12. | 2.2 | 55 |
| 28 | Chronic hepatitis and cirrhosis: evaluation by means of MR imaging with histologic correlation.. Radiology, 1993, 188, 37-43. | 7.3 | 53 |
| 29 | Glioblastoma: Vascular Habitats Detected at Preoperative Dynamic Susceptibility-weighted Contrast-enhanced Perfusion MR Imaging Predict Survival. Radiology, 2018, 287, 944-954. | 7.3 | 53 |
| 30 | Klippel-Trenaunay syndrome: frequency of cerebral and cerebellar hemihypertrophy on MRI. Neuroradiology, 2000, 42, 420-423. | 2.2 | 52 |
| 31 | Robust MRI brain tissue parameter estimation by multistage outlier rejection. Magnetic Resonance in Medicine, 2008, 59, 866-873. | 3.0 | 52 |
| 32 | Oral chloral hydrate provides effective and safe sedation in paediatric magnetic resonance imaging. Journal of Clinical Pharmacy and Therapeutics, 1994, 19, 239-243. | 1.5 | 51 |
| 33 | CT and MR imaging of focal calvarial lesions.. American Journal of Roentgenology, 1999, 172, 1683-1688. | 2.2 | 51 |
| 34 | The Sturge-Weber syndrome: correlation between the clinical status and radiological CT and MRI findings. Child's Nervous System, 1993, 9, 107-109. | 1.1 | 50 |
| 35 | Use of 3.0-T MR Imaging for Evaluation of the Abdomen. Radiographics, 2009, 29, 1547-1563. | 3.3 | 50 |
| 36 | Multicomponent MR Image Denoising. International Journal of Biomedical Imaging, 2009, 2009, 1-10. | 3.9 | 50 |

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|----|---|-----|-----------|
| 37 | Abnormal activation of the motor cortical network in idiopathic scoliosis demonstrated by functional MRI. <i>European Spine Journal</i> , 2011, 20, 1069-1078. | 2.2 | 50 |
| 38 | Pseudotumoral presentation of nodular regenerative hyperplasia of the liver: Imaging in five patients including MR imaging. <i>European Radiology</i> , 1997, 7, 654-658. | 4.5 | 49 |
| 39 | Safety and Effectiveness of Single- versus Triple-Dose Gadodiamide Injection- enhanced MR Angiography of the Abdomen: A Phase III Double-Blind Multicenter Study. <i>Radiology</i> , 2001, 219, 137-146. | 7.3 | 49 |
| 40 | Evidence of Wallerian degeneration in normal appearing white matter in the early stages of relapsing-remitting multiple sclerosis. <i>Journal of Neurology</i> , 2003, 250, 22-28. | 3.6 | 48 |
| 41 | Evaluation of fibrosis and inflammation in diffuse liver diseases using intravoxel incoherent motion diffusion-weighted MR imaging. <i>Abdominal Radiology</i> , 2017, 42, 468-477. | 2.1 | 48 |
| 42 | Portal vein absence and nodular regenerative hyperplasia of the liver with giant inferior mesenteric vein. <i>Abdominal Imaging</i> , 1997, 22, 506-508. | 2.0 | 47 |
| 43 | Neurofibromatosis type 1 in children: MR imaging and follow-up studies of central nervous system findings. <i>European Journal of Radiology</i> , 1998, 26, 121-131. | 2.6 | 47 |
| 44 | Scientific papers presented at the European Congress of Radiology 2000: publication rates and characteristics during the period 2000-2004. <i>European Radiology</i> , 2006, 16, 445-450. | 4.5 | 47 |
| 45 | Safety of meglumine gadoterate (Gd-DOTA)-enhanced MRI compared to unenhanced MRI in patients with chronic kidney disease (RESCUE study). <i>European Radiology</i> , 2013, 23, 1250-1259. | 4.5 | 47 |
| 46 | Femoral insertion site of the graft used to replace the medial patellofemoral ligament influences the ligament dynamic changes during knee flexion and the clinical outcome. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2433-2441. | 4.2 | 46 |
| 47 | Hydatid cyst of the liver: rupture into the biliary tree. <i>American Journal of Roentgenology</i> , 1988, 150, 1051-1053. | 2.2 | 45 |
| 48 | MR imaging of a case of adenomatoid tumor of the adrenal gland. <i>European Radiology</i> , 1999, 9, 552-554. | 4.5 | 45 |
| 49 | Accurate simultaneous quantification of liver steatosis and iron overload in diffuse liver diseases with MRI. <i>Abdominal Radiology</i> , 2017, 42, 1434-1443. | 2.1 | 43 |
| 50 | k-Space tutorial: an MRI educational tool for a better understanding of k-space. <i>Biomedical Imaging and Intervention Journal</i> , 2008, 4, e15. | 0.5 | 42 |
| 51 | Safety and Efficacy of Omniscan® (Gadodiamide Injection) at 0.1 mmol/kg for MRI in Infants Younger than 6 Months of Age. <i>Investigative Radiology</i> , 2000, 35, 141. | 6.2 | 42 |
| 52 | PRIMAGE project: predictive in silico multiscale analytics to support childhood cancer personalised evaluation empowered by imaging biomarkers. <i>European Radiology Experimental</i> , 2020, 4, 22. | 3.4 | 41 |
| 53 | Publication of Material Presented at Radiologic Meetings: Authors' Country and International Collaboration. <i>Radiology</i> , 2006, 239, 521-528. | 7.3 | 40 |
| 54 | Reduction of peristaltic artifacts on magnetic resonance imaging of the abdomen: a comparative evaluation of three drugs. <i>Abdominal Imaging</i> , 1996, 21, 309-313. | 2.0 | 39 |

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|----|--|-----|-----------|
| 55 | Quadruple-Phase MDCT of the Liver in Patients with Suspected Hepatocellular Carcinoma: Effect of Contrast Material Flow Rate. American Journal of Roentgenology, 2006, 186, 1571-1579. | 2.2 | 39 |
| 56 | Interobserver agreement in the diagnosis of pulmonary embolism with helical CT. European Journal of Radiology, 2000, 34, 136-140. | 2.6 | 37 |
| 57 | Dichotic listening and corpus callosum magnetic resonance imaging in relapsing-remitting multiple sclerosis with emphasis on sex differences.. Neuropsychology, 2002, 16, 275-281. | 1.3 | 37 |
| 58 | Assessment of 2D and 3D fractal dimension measurements of trabecular bone from high spatial resolution magnetic resonance images at 3 T. Medical Physics, 2010, 37, 4930-4937. | 3.0 | 37 |
| 59 | The sad, the angry, and the asymmetrical brain: Dichotic Listening studies of negative affect and depression. Brain and Cognition, 2011, 76, 294-299. | 1.8 | 36 |
| 60 | Does radiographic location ensure precise anatomic location of the femoral fixation site in medial patellofemoral ligament surgery?. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 2838-2844. | 4.2 | 35 |
| 61 | Imaging Biomarkers for the Diagnosis and Prognosis of Neurodegenerative Diseases. The Example of Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2018, 12, 784. | 2.8 | 35 |
| 62 | Tuberous sclerosis: differences between cerebral and cerebellar cortical tubers in a pediatric population. American Journal of Neuroradiology, 2000, 21, 557-60. | 2.4 | 35 |
| 63 | Imaging considerations of central nervous system manifestations in pediatric patients with neurofibromatosis type 1. Pediatric Radiology, 1991, 21, 389-394. | 2.0 | 33 |
| 64 | MR imaging assessment of juxta cortical edema in osteoid osteoma in 28 patients. European Radiology, 1998, 8, 236-238. | 4.5 | 33 |
| 65 | In Vivo Trabecular Bone Morphologic and Mechanical Relationship Using High-Resolution 3-T MRI. American Journal of Roentgenology, 2008, 191, 721-726. | 2.2 | 33 |
| 66 | Microcomputed tomography and microfinite element modeling for evaluating polymer scaffolds architecture and their mechanical properties. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 191-202. | 3.4 | 33 |
| 67 | Effect of subcutaneous butylscopolamine administration in the reduction of peristaltic artifacts in 1.5-T MR fast abdominal examinations. European Radiology, 2003, 13, 294-298. | 4.5 | 32 |
| 68 | MR pharmacokinetic modeling of the patellar cartilage differentiates normal from pathological conditions. Journal of Magnetic Resonance Imaging, 2008, 27, 171-177. | 3.4 | 31 |
| 69 | Evaluation of PET texture features with heterogeneous phantoms: complementarity and effect of motion and segmentation method. Physics in Medicine and Biology, 2017, 62, 652-668. | 3.0 | 31 |
| 70 | Craniopharyngiomas: identification of different semiological patterns with MRI. European Radiology, 2002, 12, 1829-1836. | 4.5 | 30 |
| 71 | Axonal loss is progressive and partly dissociated from lesion load in early multiple sclerosis. Neurology, 2007, 69, 63-67. | 1.1 | 30 |
| 72 | Vesselplasty: A New Technical Approach to Treat Symptomatic Vertebral Compression Fractures. American Journal of Roentgenology, 2009, 193, 218-226. | 2.2 | 30 |

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|----|---|-----|-----------|
| 73 | Prenatal diagnosis of idiopathic neonatal hemochromatosis with MRI. <i>Abdominal Imaging</i> , 1994, 19, 55-56. | 2.0 | 29 |
| 74 | MR imaging of baker cysts—prevalence and relation to internal derangements of the knee. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2000, 10, 205-210. | 2.0 | 28 |
| 75 | Semiautomatic Analysis of Phase Contrast Magnetic Resonance Imaging of Cerebrospinal Fluid Flow through the Aqueduct of Sylvius. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006, 19, 78-87. | 2.0 | 28 |
| 76 | Gray—white matter and cerebrospinal fluid volume differences in children with Specific Language Impairment and/or Reading Disability. <i>Neuropsychologia</i> , 2014, 56, 90-100. | 1.6 | 28 |
| 77 | Randomised double-blind clinical trial of intermediate- versus high-dose chloral hydrate for neuroimaging of children. <i>Neuroradiology</i> , 1995, 37, 687-691. | 2.2 | 27 |
| 78 | Estudio cuantitativo del flujo de líquido cefalorraquídeo mediante resonancia magnética en contraste de fase: método para identificar a los pacientes con hidrocefalia a presión normal. <i>Neurología</i> , 2014, 29, 68-75. | 0.7 | 27 |
| 79 | Radiographic Location Does Not Ensure a Precise Anatomic Location of the Femoral Fixation Site in Medial Patellofemoral Ligament Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711773925. | 1.7 | 27 |
| 80 | Brain signal intensity changes as biomarkers in amyotrophic lateral sclerosis. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 262-271. | 2.1 | 27 |
| 81 | Spectroscopic metabolomic abnormalities in the thalamus related to auditory hallucinations in patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 104, 13-22. | 2.0 | 26 |
| 82 | Automatic individual arterial input functions calculated from PCA outperform manual and population-averaged approaches for the pharmacokinetic modeling of DCE-MR images. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 477-487. | 3.4 | 26 |
| 83 | Lipoma of the liver: US, CT, and MRI appearance. <i>Gastrointestinal Radiology</i> , 1989, 14, 155-157. | 0.4 | 25 |
| 84 | Dynamic contrast-enhanced case-control analysis in 3T MRI of prostate cancer can help to characterize tumor aggressiveness. <i>European Journal of Radiology</i> , 2016, 85, 2119-2126. | 2.6 | 25 |
| 85 | Automated Whole-Liver MRI Segmentation to Assess Steatosis and Iron Quantification in Chronic Liver Disease. <i>Radiology</i> , 2022, 302, 345-354. | 7.3 | 25 |
| 86 | Computed tomography differentiation between cystic bronchiectasis and bullae. <i>Journal of Thoracic Imaging</i> , 1991, 7, 83-85. | 1.5 | 24 |
| 87 | Abnormal synchrony and effective connectivity in patients with schizophrenia and auditory hallucinations. <i>NeuroImage: Clinical</i> , 2014, 6, 171-179. | 2.7 | 24 |
| 88 | Longitudinal studies of functional magnetic resonance imaging in first-episode psychosis: A systematic review. <i>European Psychiatry</i> , 2019, 59, 60-69. | 0.2 | 24 |
| 89 | MnDPDP Enhancement Characteristics and Differentiation Between Cirrhotic and Noncirrhotic Livers. <i>Investigative Radiology</i> , 1998, 33, 717-722. | 6.2 | 24 |
| 90 | CT diagnosis of primary mediastinal hydatid cyst rupture into the aorta: A case report. <i>CardioVascular and Interventional Radiology</i> , 1988, 11, 296-299. | 2.0 | 23 |

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|-----|--|-----|-----------|
| 91 | Scientific papers presented at the European Congress of Radiology: a two-year comparison. European Radiology, 2007, 17, 1372-1376. | 4.5 | 23 |
| 92 | The Brain Resting-State Functional Connectivity Underlying Violence Proneness: Is It a Reliable Marker for Neurocriminology? A Systematic Review. Behavioral Sciences (Basel, Switzerland), 2019, 9, 11. | 2.1 | 23 |
| 93 | Safety and efficacy of Mangafodipir trisodium in patients with liver lesions and cirrhosis. European Radiology, 2003, 13, 1685-1692. | 4.5 | 22 |
| 94 | Upper thoracic-spine disc degeneration in patients with cervical pain. Skeletal Radiology, 2004, 33, 29-33. | 2.0 | 22 |
| 95 | Corpus callosum function in verbal dichotic listening: Inferences from a longitudinal follow-up of Relapsing-Remitting Multiple Sclerosis patients. Brain and Language, 2009, 110, 101-105. | 1.6 | 22 |
| 96 | Re-evaluating the significance of the dive response during voluntary surface apneas in the bottlenose dolphin, Tursiops truncatus. Scientific Reports, 2019, 9, 8613. | 3.3 | 22 |
| 97 | MR imaging characteristics of hepatic tumors. European Radiology, 1997, 7, 249-258. | 4.5 | 21 |
| 98 | FDG-PET Radiomics for Response Monitoring in Non-Small-Cell Lung Cancer Treated with Radiation Therapy. Cancers, 2021, 13, 814. | 3.7 | 21 |
| 99 | High density barium sulphate as an MRI oral contrast. Magnetic Resonance Imaging, 1991, 9, 259-261. | 1.8 | 20 |
| 100 | Proximal Absence of the Right Pulmonary Artery in the Adult. Journal of Thoracic Imaging, 1993, 8, 244-247. | 1.5 | 20 |
| 101 | Self-citation: comparison between Radiology, European Radiology and Radiology for 1997-1998. European Radiology, 2002, 12, 248-252. | 4.5 | 20 |
| 102 | Cost reduction in abdominal CT by weight-adjusted dose. European Journal of Radiology, 2009, 70, 507-511. | 2.6 | 20 |
| 103 | Quantitative MR perfusion parameters related to survival time in high-grade gliomas. European Radiology, 2013, 23, 3456-3465. | 4.5 | 20 |
| 104 | Increasing the Efficiency on Producing Radiology Reports for Breast Cancer Diagnosis by Means of Structured Reports. Methods of Information in Medicine, 2017, 56, 248-260. | 1.2 | 20 |
| 105 | Tissue iron quantification in chronic liver diseases using MRI shows a relationship between iron accumulation in liver, spleen, and bone marrow. Clinical Radiology, 2018, 73, 215.e1-215.e9. | 1.1 | 20 |
| 106 | A method for liver segmentation in perfusion MR images using probabilistic atlases and viscous reconstruction. Pattern Analysis and Applications, 2018, 21, 1083-1095. | 4.6 | 20 |
| 107 | Digital pathology: accurate technique for quantitative assessment of histological features in metabolic-associated fatty liver disease. Alimentary Pharmacology and Therapeutics, 2021, 53, 160-171. | 3.7 | 20 |
| 108 | MRS as Endogenous Molecular Imaging for Brain and Prostate Tumors: FP6 Project "TUMOR". Advances in Experimental Medicine and Biology, 2006, 587, 285-302. | 1.6 | 20 |

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|-----|--|-----|-----------|
| 109 | Validation of Logistic Regression Models in Small Samples. Journal of Clinical Epidemiology, 1999, 52, 237-241. | 5.0 | 19 |
| 110 | Producción española sobre diagnóstico por la imagen en cardiología y radiología (1994-1998). Revista Española De Cardiología, 2004, 57, 806-814. | 1.2 | 19 |
| 111 | MR imaging in liver cirrhosis: classical and new approaches. Insights Into Imaging, 2010, 1, 233-244. | 3.4 | 19 |
| 112 | 18F-FMISO-PET Hypoxia Monitoring for Head-and-Neck Cancer Patients: Radiomics Analyses Predict the Outcome of Chemo-Radiotherapy. Cancers, 2021, 13, 3449. | 3.7 | 19 |
| 113 | Compatibility between 3T 1H SV-MRS data and automatic brain tumour diagnosis support systems based on databases of 1.5T 1H SV-MRS spectra. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 35-42. | 2.0 | 18 |
| 114 | Overload hepatitis: quanti-qualitative analysis. Abdominal Imaging, 2012, 37, 180-187. | 2.0 | 18 |
| 115 | Role of imaging in the evaluation of vascular complications after liver transplantation. Insights Into Imaging, 2019, 10, 78. | 3.4 | 18 |
| 116 | Sonographic relationship between gallbladder wall thickness and the etiology of ascites. Journal of Clinical Ultrasound, 1989, 17, 497-501. | 0.8 | 17 |
| 117 | Administration of oral chloral hydrate to paediatric patients undergoing magnetic resonance imaging. Pharmaceutisch Weekblad Scientific Edition, 1992, 14, 349-352. | 0.9 | 17 |
| 118 | Dental Flat Panel Conebeam CT in the Evaluation of Patients with Inflammatory Sinonasal Disease: Diagnostic Efficacy and Radiation Dose Savings. American Journal of Neuroradiology, 2014, 35, 2052-2057. | 2.4 | 17 |
| 119 | Significance of the impact of motion compensation on the variability of PET image features. Physics in Medicine and Biology, 2018, 63, 065013. | 3.0 | 17 |
| 120 | Glucosamine sulfate effect on the degenerated patellar cartilage: preliminary findings by pharmacokinetic magnetic resonance modeling. European Radiology, 2009, 19, 1512-1518. | 4.5 | 16 |
| 121 | Health Care Systems of Developed Non-U.S. Nations: Strengths, Weaknesses, and Recommendations for the United States—Observations From Internationally Recognized Imaging Specialists. American Journal of Roentgenology, 2011, 196, W30-W36. | 2.2 | 16 |
| 122 | Development of imaging biomarkers and generation of big data. Radiologia Medica, 2017, 122, 444-448. | 7.7 | 16 |
| 123 | Improving the estimation of prognosis for glioblastoma patients by MR based hemodynamic tissue signatures. NMR in Biomedicine, 2018, 31, e4006. | 2.8 | 16 |
| 124 | Value of Sonography in True Complete Diphalia. Journal of Urology, 1989, 142, 356-357. | 0.4 | 15 |
| 125 | Benign /malignant classifier of soft tissue tumors using MR imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2004, 16, 194-201. | 2.0 | 15 |
| 126 | Current knowledge on tumour induction by computed tomography should be carefully used. European Radiology, 2014, 24, 649-656. | 4.5 | 15 |

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|-----|---|-----|-----------|
| 127 | Studying Closed Hydrodynamic Models of "In Vivo" DNA Perfusion in Pig Liver for Gene Therapy Translation to Humans. PLoS ONE, 2016, 11, e0163898. | 2.5 | 15 |
| 128 | Insulin resistance and NAFLD: Relationship with intrahepatic iron and serum TNF- α using ¹ H MR spectroscopy and MRI. Diabetes and Metabolism, 2019, 45, 473-479. | 2.9 | 15 |
| 129 | The Role of Imaging Biomarkers in the Assessment of Sarcopenia. Diagnostics, 2020, 10, 534. | 2.6 | 15 |
| 130 | Precise whole liver automatic segmentation and quantification of PDFF and R2* on MR images. European Radiology, 2021, 31, 7876-7887. | 4.5 | 15 |
| 131 | Prognostic Value of Radiomics Signature By Diagnostic ¹⁸ F-FDG PET/CT Analysis in Aggressive Non-Hodgkin's Lymphoma. Blood, 2018, 132, 1703-1703. | 1.4 | 15 |
| 132 | Synovialisation of the torn anterior cruciate ligament of the knee: comparison between magnetic resonance and arthroscopy. European Radiology, 1999, 9, 1796-1799. | 4.5 | 14 |
| 133 | El informe radiológico: filosofía general (I). Radiologia, 2004, 46, 195-198. | 0.5 | 14 |
| 134 | El informe radiológico: estilo y contenido (II). Radiologia, 2004, 46, 199-202. | 0.5 | 14 |
| 135 | Accurate quantification methods to evaluate cervical cord atrophy in multiple sclerosis patients. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2006, 19, 237-246. | 2.0 | 14 |
| 136 | Pharmacokinetic MR analysis of the cartilage is influenced by field strength. European Journal of Radiology, 2008, 67, 448-452. | 2.6 | 14 |
| 137 | Hepatic lipomas and steatosis: An association beyond chance. European Journal of Radiology, 2012, 81, e491-e494. | 2.6 | 14 |
| 138 | Magnetic resonance imaging structured reporting in infertility. Fertility and Sterility, 2016, 105, 1421-1431. | 1.0 | 14 |
| 139 | Validation Procedures in Radiologic Diagnostic Models. Investigative Radiology, 1999, 34, 636. | 6.2 | 14 |
| 140 | Multimodal morphometry and functional magnetic resonance imaging in schizophrenia and auditory hallucinations. World Journal of Radiology, 2012, 4, 159. | 1.1 | 14 |
| 141 | Echogenic forms of hydatid cysts: Sonographic diagnosis. Journal of Clinical Ultrasound, 1988, 16, 305-311. | 0.8 | 13 |
| 142 | Enhancement characteristics of hepatic focal nodular hyperplasia and its scar by dynamic magnetic resonance imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2000, 10, 200-204. | 2.0 | 13 |
| 143 | Publications resulting from Spanish radiology meeting abstracts: Which, Where and Who. Scientometrics, 2006, 66, 467-480. | 3.0 | 13 |
| 144 | Relationship between low back pain, disability, MR imaging findings and health care provider. Skeletal Radiology, 2006, 35, 641-647. | 2.0 | 13 |

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|-----|---|-----|-----------|
| 145 | Predictors of severity in ischemic colitis: Usefulness of early ultrasonography. European Journal of Radiology, 2017, 96, 21-26. | 2.6 | 13 |
| 146 | Hypothetical influence of non-indexed Spanish journals on the impact factor of radiological journals. European Journal of Radiology, 2005, 54, 321-326. | 2.6 | 12 |
| 147 | Transnodal Lymphangiography in the Diagnosis and Treatment of Genital Lymphedema. CardioVascular and Interventional Radiology, 2012, 35, 1488-1491. | 2.0 | 12 |
| 148 | FOXP2 expression and gray matter density in the male brains of patients with schizophrenia. Brain Imaging and Behavior, 2021, 15, 1403-1411. | 2.1 | 12 |
| 149 | Evidence levels in radiology: the insights into imaging approach. Insights Into Imaging, 2021, 12, 45. | 3.4 | 12 |
| 150 | Atypical hepatic hemangiomas with intense arterial enhancement and early fading. Abdominal Imaging, 1999, 24, 147-152. | 2.0 | 11 |
| 151 | Radiologists'™ leading position in image-guided therapy. Insights Into Imaging, 2013, 4, 1-7. | 3.4 | 11 |
| 152 | Quantitative phase-contrast MRI study of cerebrospinal fluid flow: a method for identifying patients with normal-pressure hydrocephalus. Neurología (English Edition), 2014, 29, 68-75. | 0.4 | 11 |
| 153 | Magnetic resonance spectroscopy and brain volumetry in mild cognitive impairment. A prospective study. Magnetic Resonance Imaging, 2017, 38, 27-32. | 1.8 | 11 |
| 154 | Radiographic assessment of pectoral flipper bone maturation in bottlenose dolphins (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 e0222722. | 2.5 | 11 |
| 155 | Automated vertebrae localization and identification by decision forests and image-based refinement on real-world CT data. Radiologia Medica, 2020, 125, 48-56. | 7.7 | 11 |
| 156 | Bridging gaps between images and data: a systematic update on imaging biobanks. European Radiology, 2022, 32, 3173-3186. | 4.5 | 11 |
| 157 | Emotional auditory paradigm in neuroimaging: a base for the study of psychosis. Actas Espanolas De Psiquiatria, 2005, 33, 383-9. | 0.1 | 11 |
| 158 | Dynamic MR imaging of liver tumors: analysis with temporal reconstruction images.. Radiology, 1994, 193, 677-682. | 7.3 | 10 |
| 159 | Relationship between Northwick Park neck pain questionnaire and cervical spine MR imaging findings. European Spine Journal, 2006, 15, 1183-1188. | 2.2 | 10 |
| 160 | Cardiac MR Imaging: Balanced Publication by Radiologists and Cardiologists. Radiology, 2007, 242, 410-416. | 7.3 | 10 |
| 161 | Randomized pilot study and qualitative evaluation of a clinical decision support system for brain tumour diagnosis based on SV 1H MRS: Evaluation as an additional information procedure for novice radiologists. Computers in Biology and Medicine, 2014, 45, 26-33. | 7.0 | 10 |
| 162 | MR Angiography at 3 T of Peripheral Arterial Disease: A Randomized Prospective Comparison of Gadoterate Meglumine and Gadobutrol. American Journal of Roentgenology, 2015, 204, 1311-1321. | 2.2 | 10 |

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