

# Luis Marti-Bonmati

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Imaging Biomarkers in Amyotrophic Lateral Sclerosis. <i>Neuromethods</i> , 2022, , 507-548.	0.3	2
2	What do biomarkers add: Mapping quantitative imaging biomarkers research. <i>European Journal of Radiology</i> , 2022, 146, 110052.	2.6	2
3	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
4	Bridging gaps between images and data: a systematic update on imaging biobanks. <i>European Radiology</i> , 2022, 32, 3173-3186.	4.5	11
5	A practical solution to estimate the sample size required for clinical prediction models generated from observational research on data. <i>European Radiology Experimental</i> , 2022, 6, .	3.4	10
6	Theranostic Contribution of Extracellular Matrix Metalloprotease Inducer-Paramagnetic Nanoparticles Against Acute Myocardial Infarction in a Pig Model of Coronary Ischemia-Reperfusion. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	2.6	4
7	Pancreatic cancer, radiomics and artificial intelligence. <i>British Journal of Radiology</i> , 2022, 95, .	2.2	9
8	Automated Cervical Spinal Cord Segmentation in Real-World MRI of Multiple Sclerosis Patients by Optimized Hybrid Residual Attention-Aware Convolutional Neural Networks. <i>Journal of Digital Imaging</i> , 2022, 35, 1131-1142.	2.9	1
9	Digital pathology: accurate technique for quantitative assessment of histological features in metabolic-associated fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 160-171.	3.7	20
10	FOXP2 expression and gray matter density in the male brains of patients with schizophrenia. <i>Brain Imaging and Behavior</i> , 2021, 15, 1403-1411.	2.1	12
11	Quantitative Evaluation of Neonatal Brain Elasticity Using Shear Wave Elastography. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 795-804.	1.7	7
12	FDG-PET Radiomics for Response Monitoring in Non-Small-Cell Lung Cancer Treated with Radiation Therapy. <i>Cancers</i> , 2021, 13, 814.	3.7	21
13	Precise whole liver automatic segmentation and quantification of PDFF and R2* on MR images. <i>European Radiology</i> , 2021, 31, 7876-7887.	4.5	15
14	Evidence levels in radiology: the insights into imaging approach. <i>Insights Into Imaging</i> , 2021, 12, 45.	3.4	12
15	A Gadolinium(III) Complex Based on the Thymine Nucleobase with Properties Suitable for Magnetic Resonance Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4586.	4.1	8
16	DICOM-MIABIS integration model for biobanks: a use case of the EU PRIMAGE project. <i>European Radiology Experimental</i> , 2021, 5, 20.	3.4	7
17	Experimental phantom evaluation to identify robust positron emission tomography (PET) radiomic features. <i>EJNMMI Physics</i> , 2021, 8, 46.	2.7	10
18	Supervised Domain Adaptation for Automated Semantic Segmentation of the Atrial Cavity. <i>Entropy</i> , 2021, 23, 898.	2.2	3

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19	18F-FMISO-PET Hypoxia Monitoring for Head-and-Neck Cancer Patients: Radiomics Analyses Predict the Outcome of Chemo-Radiotherapy. <i>Cancers</i> , 2021, 13, 3449.	3.7	19
20	MR Denoising Increases Radiomic Biomarker Precision and Reproducibility in Oncologic Imaging. <i>Journal of Digital Imaging</i> , 2021, 34, 1134-1145.	2.9	10
21	Mapping the scientific research on radiology departments: Global trends in publication, collaboration and trending topics. <i>European Journal of Radiology</i> , 2021, 142, 109841.	2.6	1
22	Hepatocellular Carcinoma: Diagnostic Guidelines. <i>Medical Radiology</i> , 2021, , 191-213.	0.1	0
23	Digital Pathology Enables Automated and Quantitative Assessment of Inflammatory Activity in Patients with Chronic Liver Disease. <i>Biomolecules</i> , 2021, 11, 1808.	4.0	6
24	Quantification of H217O by 1H-MR imaging at 3 T: a feasibility study. <i>European Radiology Experimental</i> , 2021, 5, 56.	3.4	1
25	Automated vertebrae localization and identification by decision forests and image-based refinement on real-world CT data. <i>Radiologia Medica</i> , 2020, 125, 48-56.	7.7	11
26	The Role of Imaging Biomarkers in the Assessment of Sarcopenia. <i>Diagnostics</i> , 2020, 10, 534.	2.6	15
27	Magnetic Resonance imaging analysis of liver fibrosis and inflammation: overwhelming gray zones restrict clinical use. <i>Abdominal Radiology</i> , 2020, 45, 3557-3568.	2.1	5
28	Redox Status, Dose and Antioxidant Intake in Healthcare Workers Occupationally Exposed to Ionizing Radiation. <i>Antioxidants</i> , 2020, 9, 778.	5.1	2
29	Differences in multi-echo chemical shift encoded MRI proton density fat fraction estimation based on multifrequency fat peaks selection in non-alcoholic fatty liver disease patients. <i>Clinical Radiology</i> , 2020, 75, 880.e5-880.e12.	1.1	1
30	First-Episode Psychotic Patients Showed Longitudinal Brain Changes Using fMRI With an Emotional Auditory Paradigm. <i>Frontiers in Psychiatry</i> , 2020, 11, 593042.	2.6	3
31	Quantifying steatosis in the liver and pancreas with MRI in patient with chronic liver disease. <i>Radiologia</i> , 2020, 62, 222-228.	0.5	2
32	Critical review of HCC imaging in the multidisciplinary setting: treatment allocation and evaluation of response. <i>Abdominal Radiology</i> , 2020, 45, 3119-3128.	2.1	9
33	Hepatic and pancreatic fat as imaging biomarkers of metabolic syndrome. <i>Radiologia</i> , 2020, 62, 122-130.	0.5	2
34	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
35	Valoración de la grasa hepática y pancreática como biomarcadores de imagen en el síndrome metabólico. <i>Radiologia</i> , 2020, 62, 122-130.	0.5	2
36	Cuantificación por resonancia magnética de esteatosis hepática y pancreática en hepatopatía crónica. <i>Radiologia</i> , 2020, 62, 222-228.	0.5	0

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37	Effects of 3 Tesla magnetic resonance imaging exposure on the behavior and orientation of homing pigeons <i>Columba livia domestica</i> . PLoS ONE, 2020, 15, e0241280.	2.5	0
38	A Confidence Habitats Methodology in MR Quantitative Diffusion for the Classification of Neuroblastic Tumors. Cancers, 2020, 12, 3858.	3.7	6
39	S70. INDIVIDUALIZED DIAGNOSIS OF PSYCHOSIS BASED ON MACHINE LEARNING FROM FUNCTIONAL MAGNETIC RESONANCE DATA USING AN EMOTIONAL AUDITORY PARADIGM. Schizophrenia Bulletin, 2019, 45, S333-S334.	4.3	0
40	Optimisation of ultrasound liver perfusion through a digital reference object and analysis tool. European Radiology Experimental, 2019, 3, 15.	3.4	0
41	Role of imaging in the evaluation of vascular complications after liver transplantation. Insights Into Imaging, 2019, 10, 78.	3.4	18
42	Radiographic assessment of pectoral flipper bone maturation in bottlenose dolphins ( <i>Tursiops</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54: e0222722.	2.5	11
43	Insulin resistance and NAFLD: Relationship with intrahepatic iron and serum TNF- $\alpha$ using <sup>1</sup> H MR spectroscopy and MRI. Diabetes and Metabolism, 2019, 45, 473-479.	2.9	15
44	Imaging Biomarkers and Imaging Biobanks. , 2019, , 119-126.		4
45	Re-evaluating the significance of the dive response during voluntary surface apneas in the bottlenose dolphin, <i>Tursiops truncatus</i> . Scientific Reports, 2019, 9, 8613.	3.3	22
46	Quantitative structural analysis of trabecular alveolar bone in the mandible by multidetector computed tomography: Differences according to tooth presence and type. Radiologia, 2019, 61, 225-233.	0.5	1
47	Auditory hallucinations in first-episode psychosis: A voxel-based morphometry study. Schizophrenia Research, 2019, 209, 148-155.	2.0	9
48	Longitudinal studies of functional magnetic resonance imaging in first-episode psychosis: A systematic review. European Psychiatry, 2019, 59, 60-69.	0.2	24
49	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
50	The width of the third ventricle associates with cognition and behaviour in motor neuron disease. Acta Neurologica Scandinavica, 2019, 139, 118-127.	2.1	5
51	Assessment of the dicentric chromosome assay as a biodosimetry tool for more personalized medicine in a case of a high risk neuroblastoma <sup>131</sup>I-mIBG treatment. International Journal of Radiation Biology, 2019, 95, 314-320.	1.8	5
52	Multi-parametric MR Imaging Biomarkers Associated to Clinical Outcomes in Gliomas: A Systematic Review. Current Medical Imaging, 2019, 15, 933-947.	0.8	4
53	Análisis estructural cuantitativo del hueso alveolar trabecular de la mandíbula en tomografía computarizada multidetector: diferencias por tipo y estado dentario. Radiologia, 2019, 61, 225-233.	0.5	0
54	Findings and Utility of Chest Computed Tomography in Pediatric Tuberculosis. Journal of Pediatric Infectious Diseases, 2018, 13, 025-031.	0.2	3

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55	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
56	Cómo integrar la información cuantitativa en el informe radiológico del paciente oncológico. Radiología, 2018, 60, 43-52.	0.5	9
57	Glioblastoma: Vascular Habitats Detected at Preoperative Dynamic Susceptibility-weighted Contrast-enhanced Perfusion MR Imaging Predict Survival. Radiology, 2018, 287, 944-954.	7.3	53
58	Cuantificación de la fibrosis hepática mediante biomarcadores de imagen. Radiología, 2018, 60, 74-84.	0.5	8
59	Letter from the new Editor-in-Chief for Insights into Imaging. Insights Into Imaging, 2018, 9, 119-120.	3.4	1
60	Emotional fMR auditory paradigm demonstrates normalization of limbic hyperactivity after cognitive behavior therapy for auditory hallucinations. Schizophrenia Research, 2018, 193, 304-312.	2.0	9
61	Optimizing the management of hereditary haemochromatosis: the value of $\text{MRI} \times R2^*$ quantification to predict and monitor body iron stores. British Journal of Haematology, 2018, 183, 491-493.	2.5	10
62	Brain signal intensity changes as biomarkers in amyotrophic lateral sclerosis. Acta Neurologica Scandinavica, 2018, 137, 262-271.	2.1	27
63	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
64	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
65	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
66	Improving the estimation of prognosis for glioblastoma patients by MR based hemodynamic tissue signatures. NMR in Biomedicine, 2018, 31, e4006.	2.8	16
67	Hysterosalpingography and fertility: a technical relationship. Fertility and Sterility, 2018, 110, 642.	1.0	3
68	F145. WHAT ARE THE MAIN BRAIN CHANGES IN FMRI AFTER TREATMENT IN FIRST EPISODE PSYCHOSIS? A SYSTEMATIC REVIEW. Schizophrenia Bulletin, 2018, 44, S276-S276.	4.3	0
69	Prognostic Value of Radiomics Signature By Diagnostic 18F-FDG PET/CT Analysis in Aggressive Non-Hodgkin's Lymphoma. Blood, 2018, 132, 1703-1703.	1.4	15
70	Anti-angiogenic drug loaded liposomes: Nanotherapy for early atherosclerotic lesions in mice. PLoS ONE, 2018, 13, e0190540.	2.5	9
71	Characterization of Bone Microarchitecture Extracted from MR and MDCT. Feature Analysis Validated Against a Synthetic Trabecular Bone Phantom. Lecture Notes in Computational Vision and Biomechanics, 2018, , 650-655.	0.5	0
72	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. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2433-2441.	4.2	46

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73	Accurate simultaneous quantification of liver steatosis and iron overload in diffuse liver diseases with MRI. Abdominal Radiology, 2017, 42, 1434-1443.	2.1	43
74	Development of imaging biomarkers and generation of big data. Radiologia Medica, 2017, 122, 444-448.	7.7	16
75	Probabilistic liver atlas construction. BioMedical Engineering OnLine, 2017, 16, 15.	2.7	9
76	Biomarker comparison and selection for prostate cancer detection in Dynamic Contrast Enhanced-Magnetic Resonance Imaging (DCE-MRI). Chemometrics and Intelligent Laboratory Systems, 2017, 165, 38-45.	3.5	4
77	Post-treatment changes of tumour perfusion parameters can help to predict survival in patients with high-grade astrocytoma. European Radiology, 2017, 27, 3392-3400.	4.5	4
78	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
79	Magnetic resonance spectroscopy and brain volumetry in mild cognitive impairment. A prospective study. Magnetic Resonance Imaging, 2017, 38, 27-32.	1.8	11
80	Predictors of severity in ischemic colitis: Usefulness of early ultrasonography. European Journal of Radiology, 2017, 96, 21-26.	2.6	13
81	Hydrodynamic IL10 Gene Transfer in Human Colon. Inflammatory Bowel Diseases, 2017, 23, 1360-1370.	1.9	1
82	EP-1698: Impact of motion and segmentation on PET texture features: evaluation with heterogeneous phantoms.. Radiotherapy and Oncology, 2017, 123, S929.	0.6	0
83	Radiographic Location Does Not Ensure a Precise Anatomic Location of the Femoral Fixation Site in Medial Patellofemoral Ligament Reconstruction. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711773925.	1.7	27
84	Retención de compuestos de gadolinio usados en resonancia magnética: revisión crítica y recomendaciones de las agencias regulatorias. Radiologia, 2017, 59, 469-477.	0.5	7
85	Evaluation of fibrosis and inflammation in diffuse liver diseases using intravoxel incoherent motion diffusion-weighted MR imaging. Abdominal Radiology, 2017, 42, 468-477.	2.1	48
86	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
87	Use Case VI: Imaging Biomarkers in Diffuse Liver Disease. Quantification of Fat and Iron. , 2017, , 279-294.		1
88	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
89	Radiologist income, receipts, and academic performance: an analysis of many nations. Acta Radiologica, 2016, 57, 1497-1507.	1.1	4
90	Letter to the editor concerning "A new approach to corpus callosum anomalies in idiopathic scoliosis using diffusion tensor magnetic resonance imaging" by Joly O et al. (2014) Eur Spine J 23:2643-9. European Spine Journal, 2016, 25, 1289-1290.	2.2	0

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91	Magnetic resonance imaging structured reporting in infertility. Fertility and Sterility, 2016, 105, 1421-1431.	1.0	14
92	Diagnosis and treatment of hepatocellular carcinoma. Update consensus document from the AEEH, SEOM, SERAM, SERVEI and SETH. Medicina Clínica (English Edition), 2016, 146, 511.e1-511.e22.	0.2	2
93	Dynamic contrast-enhanced case-control analysis in 3T MRI of prostate cancer can help to characterize tumor aggressiveness. European Journal of Radiology, 2016, 85, 2119-2126.	2.6	25
94	International Perspectives on Radiology in Preventive Screening. Journal of the American College of Radiology, 2016, 13, 1289-1295.	1.8	1
95	Selective sentinel node biopsy after intratumour administration of radiotracer in breast cancer patients treated with neoadjuvant chemotherapy in relation to the level of tumor response. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 358-364.	0.2	0
96	Optimizing 4D-PET/CT imaging for heterogeneity quantification by texture features. , 2016, , .		0
97	Detección selectiva del ganglio centinela tras administración intratumoral del radiotrazador, en pacientes con cáncer de mama tratadas con quimioterapia neoadyuvante en relación con el grado de respuesta tumoral. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 358-364.	0.0	0
98	Human AAT gene transfer to pig liver improved by using a perfusion isolated organ endovascular procedure. European Radiology, 2016, 26, 95-102.	4.5	9
99	Individualized dosimetry in patients with differentiated thyroid cancer based on external dose rate. Optimization of the number of measurements. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 107-114.	0.2	0
100	Dosimetría individualizada para pacientes de cáncer diferenciado de tiroides basada en tasa de dosis externa. Optimización del número de medidas. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 107-114.	0.0	4
101	ESGAR consensus statement on liver MR imaging and clinical use of liver-specific contrast agents. European Radiology, 2016, 26, 921-931.	4.5	124
102	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
103	State-of-the-art of bone marrow imaging in multiple myeloma. Current Opinion in Oncology, 2015, 27, 540-550.	2.4	4
104	Automated Glioblastoma Segmentation Based on a Multiparametric Structured Unsupervised Classification. PLoS ONE, 2015, 10, e0125143.	2.5	88
105	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
106	Automatic individual arterial input functions calculated from PCA outperform manual and population-averaged approaches for the pharmacokinetic modeling of DCE-MR images. Journal of Magnetic Resonance Imaging, 2015, 42, 477-487.	3.4	26
107	Acoustic radiation force impulse imaging elastography is efficacious in detecting hepatic fibrosis in children. Radiologia, 2015, 57, 314-320.	0.5	3
108	Lesiones ocupantes de espacio en pared abdominal (no herniarias): la visión del radiólogo. Revista Hispanoamericana De Hernia, 2015, 3, 95-105.	0.1	1



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109	Prostate Diffusion Weighted-Magnetic Resonance Image analysis using Multivariate Curve Resolution methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 140, 43-48.	3.5	4
110	Abnormal synchrony and effective connectivity in patients with schizophrenia and auditory hallucinations. <i>NeuroImage: Clinical</i> , 2014, 6, 171-179.	2.7	24
111	Prostate functional magnetic resonance image analysis using multivariate curve resolution methods. <i>Journal of Chemometrics</i> , 2014, 28, 672-680.	1.3	5
112	Dental Flat Panel Conebeam CT in the Evaluation of Patients with Inflammatory Sinonasal Disease: Diagnostic Efficacy and Radiation Dose Savings. <i>American Journal of Neuroradiology</i> , 2014, 35, 2052-2057.	2.4	17
113	Comparison of patient comfort between iodixanol and iopamidol in contrast-enhanced computed tomography of the abdomen and pelvis: a randomized trial. <i>Acta Radiologica</i> , 2014, 55, 715-724.	1.1	6
114	Reproducibility and accuracy in the morphometric and mechanical quantification of trabecular bone from 3Tesla magnetic resonance images. <i>Radiologia</i> , 2014, 56, 27-34.	0.5	6
115	Quantitative phase-contrast MRI study of cerebrospinal fluid flow: a method for identifying patients with normal-pressure hydrocephalus. <i>Neurología (English Edition)</i> , 2014, 29, 68-75.	0.4	11
116	Current knowledge on tumour induction by computed tomography should be carefully used. <i>European Radiology</i> , 2014, 24, 649-656.	4.5	15
117	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. <i>Computers in Biology and Medicine</i> , 2014, 45, 26-33.	7.0	10
118	International Perspectives on Radiology Practice Metrics: Australia, France, Germany, Japan, New Zealand, Spain, the UK and USA. <i>Journal of the American College of Radiology</i> , 2014, 11, 1081-1086.	1.8	2
119	Imaging biomarkers processing platform. , 2014, , .		2
120	Design, development and implementation of semi-automated CINE MR images segmentation pipeline using feature extraction and active contours. , 2014, , .		1
121	The heterogeneity of blood flow on magnetic resonance imaging: A biomarker for grading cerebral astrocytomas. <i>Radiologia</i> , 2014, 56, 328-338.	0.5	1
122	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
123	Grayâ€‘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
124	Decorative elements in the medical imaging area improve patientsâ€™ perception of pleasantness. <i>Radiologia</i> , 2014, 56, 129-135.	0.5	1
125	Decompression sickness (â€‘the bendsâ€™) in sea turtles. <i>Diseases of Aquatic Organisms</i> , 2014, 111, 191-205.	1.0	90
126	Percutaneous Ultrasound-Guided Radiofrequency Thermal Ablation for Treatment of Uterine Fibroids. <i>Open Journal of Obstetrics and Gynecology</i> , 2014, 04, 716-724.	0.2	3



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127	Radiologists™ leading position in image-guided therapy. Insights Into Imaging, 2013, 4, 1-7.	3.4	11
128	Quantitative MR perfusion parameters related to survival time in high-grade gliomas. European Radiology, 2013, 23, 3456-3465.	4.5	20
129	Safety of meglumine gadoterate (Gd-DOTA)-enhanced MRI compared to unenhanced MRI in patients with chronic kidney disease (RESCUE study). European Radiology, 2013, 23, 1250-1259.	4.5	47
130	Variations in the size of focal nodular hyperplasia on magnetic resonance imaging. Radiologia, 2013, 55, 499-504.	0.5	9
131	Disease Biomarkers: Modelling MR Spectroscopy and Clinical Applications. Translational Bioinformatics, 2013, , 187-205.	0.0	0
132	Magnetic resonance pharmacokinetic imaging clusterization of hepatocellular carcinomas as a means to grade tumor aggressiveness. Expert Review of Gastroenterology and Hepatology, 2012, 6, 711-716.	3.0	3
133	Mean sets for building 3D probabilistic liver atlas from perfusion MR images. , 2012, , .		1
134	Hepatic lipomas and steatosis: An association beyond chance. European Journal of Radiology, 2012, 81, e491-e494.	2.6	14
135	Evaluation of the registration of temporal series of contrast-enhanced perfusion magnetic resonance 3D images of the liver. Computer Methods and Programs in Biomedicine, 2012, 108, 932-945.	4.7	9
136	Transnodal Lymphangiography in the Diagnosis and Treatment of Genital Lymphedema. CardioVascular and Interventional Radiology, 2012, 35, 1488-1491.	2.0	12
137	Overload hepatitides: quanti-qualitative analysis. Abdominal Imaging, 2012, 37, 180-187.	2.0	18
138	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
139	Multimodal morphometry and functional magnetic resonance imaging in schizophrenia and auditory hallucinations. World Journal of Radiology, 2012, 4, 159.	1.1	14
140	Quadrature coils for magnetic resonance spectroscopy in the detection of prostate cancer: Single voxel acquisition does not improve the diagnostic accuracy of multivoxel images. Radiologia, 2011, 53, 47-55.	0.5	0
141	Comparison of the scientific quality of spanish radiologists that publish in international radiology journals and in Spanish radiology journals. Radiologia, 2011, 53, 166-170.	0.5	1
142	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
143	Lymph node assessment by diffusion weighted imaging in cervical cancer. European Radiology, 2011, 21, 474-477.	4.5	5
144	Abnormal activation of the motor cortical network in idiopathic scoliosis demonstrated by functional MRI. European Spine Journal, 2011, 20, 1069-1078.	2.2	50

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145	Compatibility between 3T <sup>1</sup> H 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
146	Quantitative analysis of cerebrospinal fluid flow in complex regions by using phase contrast magnetic resonance imaging. International Journal of Imaging Systems and Technology, 2011, 21, 290-297.	4.1	4
147	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
148	Functional statistics based method for the evaluation of the registration of sequences of 3D perfusion MR images. , 2011, , .		0
149	Potential Use of Pharmacokinetic Modeling of First-Pass Dynamic Contrast-enhanced MR Images of Cartilage. Radiographics, 2011, 31, 894-895.	3.3	1
150	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
151	MR imaging in liver cirrhosis: classical and new approaches. Insights Into Imaging, 2010, 1, 233-244.	3.4	19
152	Multimodality imaging techniques. Contrast Media and Molecular Imaging, 2010, 5, 180-189.	0.8	116
153	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
154	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
155	TEMPORAL CORTEX ACTIVATION DURING LISTENING TO EMOTIONAL WORDS IN PATIENTS WITH NON-AFFECTIVE PSYCHOSIS: AN FMRI STUDY WITH INDEPENDENT COMPONENT ANALYSIS. Schizophrenia Research, 2010, 117, 237.	2.0	0
156	SEVERITY DEMONSTRATED BY MULTIMODAL MORPHOMETRY AND FUNCTIONAL MR IMAGING IN AUDITORY HALLUCINATIONS. Schizophrenia Research, 2010, 117, 469.	2.0	0
157	Estimating intracranial fluid dynamics using quantitative analyses of phase contrast magnetic resonance images. Radiologia, 2010, 52, 51-57.	0.5	1
158	Modification of longitudinal relaxation time (T1) as a biomarker of patellar cartilage degeneration. Radiologia, 2010, 52, 221-227.	0.5	2
159	Vesselplasty: A New Technical Approach to Treat Symptomatic Vertebral Compression Fractures. American Journal of Roentgenology, 2009, 193, 218-226.	2.2	30
160	Use of 3.0-T MR Imaging for Evaluation of the Abdomen. Radiographics, 2009, 29, 1547-1563.	3.3	50
161	Multicomponent MR Image Denoising. International Journal of Biomedical Imaging, 2009, 2009, 1-10.	3.9	50
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