List of Publications by Year in descending order

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REDND HAMM

#	Article	IF	CITATIONS
1	Viscoelasticity-based Staging of Hepatic Fibrosis with Multifrequency MR Elastography. Radiology, 2010, 257, 80-86.	7.3	198
2	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologists' training. European Radiology, 2020, 30, 5404-5416.	4.5	185
3	Contrast-enhanced MR imaging of liver and spleen: First experience in humans with a new superparamagnetic iron oxide. Journal of Magnetic Resonance Imaging, 1994, 4, 659-668.	3.4	177
4	Contrast-enhanced spectral mammography vs. mammography and MRI – clinical performance in a multi-reader evaluation. European Radiology, 2017, 27, 2752-2764.	4.5	166
5	The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. Metabolism: Clinical and Experimental, 2020, 110, 154317.	3.4	146
6	Comparison of MRI with radiography for detecting structural lesions of the sacroiliac joint using CT as standard of reference: results from the SIMACT study. Annals of the Rheumatic Diseases, 2017, 76, 1502-1508.	0.9	136
7	Static magnetic resonance imaging of the pelvic floor muscle morphology in women with stress urinary incontinence and pelvic prolapse. Neurourology and Urodynamics, 1998, 17, 579-589.	1.5	109
8	Contrast-enhanced spectral mammography: Does mammography provide additional clinical benefits or can some radiation exposure be avoided?. Breast Cancer Research and Treatment, 2014, 146, 371-381.	2.5	99
9	New generation of monomer-stabilized very small superparamagnetic iron oxide particles (VSOP) as contrast medium for MR angiography: Preclinical results in rats and rabbits. Journal of Magnetic Resonance Imaging, 2000, 12, 905-911.	3.4	98
10	Use of contrast-enhanced MR imaging to detect sacroiliitis in children. Skeletal Radiology, 1998, 27, 606-616.	2.0	90
11	Digital Mammography Using Iodine-Based Contrast Media. Investigative Radiology, 2005, 40, 397-404.	6.2	88
12	Low-dose spiral CT: applicability to paediatric chest imaging. Pediatric Radiology, 1999, 29, 565-569.	2.0	83
13	Accuracy and workflow of navigated spinal instrumentation with the mobile AIRO® CT scanner. European Spine Journal, 2016, 25, 716-723.	2.2	79
14	Improved detection of erosions in the sacroiliac joints on MRI with volumetric interpolated breath-hold examination (VIBE): results from the SIMACT study. Annals of the Rheumatic Diseases, 2018, 77, 1585-1589.	0.9	69
15	Characterization of orbital masses by multiparametric MRI. European Journal of Radiology, 2016, 85, 324-336.	2.6	65
16	Gadolinium-enhanced MR angiography of the breast: Is breast cancer associated with ipsilateral higher vascularity?. European Radiology, 2001, 11, 965-969.	4.5	62
17	Hepatocellular carcinoma: computed-tomography-guided high-dose-rate brachytherapy (CT-HDRBT) ablation of large (5–7Âcm) and very large (>7Àcm) tumours. European Radiology, 2012, 22, 1101-1109.	4.5	61
18	Novel magnetic multicore nanoparticles designed for MPI and other biomedical applications: From synthesis to first in vivo studies. PLoS ONE, 2018, 13, e0190214.	2.5	61

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19	Comparison of hybrid 68Ga-PSMA-PET/CT and 99mTc-DPD-SPECT/CT for the detection of bone metastases in prostate cancer patients: Additional value of morphologic information from low dose CT. European Radiology, 2018, 28, 610-619.	4.5	59
20	Tomoelastography Distinguishes Noninvasively between Benign and Malignant Liver Lesions. Cancer Research, 2019, 79, 5704-5710.	0.9	58
21	Renal cell carcinoma with venous extension: prediction of inferior vena cava wall invasion by MRI. Cancer Imaging, 2018, 18, 17.	2.8	56
22	Initial experience with dynamic MR imaging in evaluation of normal bone marrow versus malignant bone marrow infiltrations in humans. Journal of Magnetic Resonance Imaging, 1997, 7, 241-250.	3.4	53
23	Diagnosis of Calcific Tendonitis of the Rotator Cuff by Using Susceptibility-weighted MR Imaging. Radiology, 2016, 278, 475-484.	7.3	49
24	Introducing the Node Reporting and Data System 1.0 (Node-RADS): a concept for standardized assessment of lymph nodes in cancer. European Radiology, 2021, 31, 6116-6124.	4.5	44
25	Carpal tunnel syndrome: Staging of median nerve compression by MR imaging. Journal of Magnetic Resonance Imaging, 1998, 8, 1119-1125.	3.4	42
26	Coronary magnetic resonance angiography: Experimental evaluation of the new rapid clearance blood pool contrast medium P792. Magnetic Resonance in Medicine, 2001, 46, 932-938.	3.0	41
27	Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. Bioinformatics, 2021, 36, 5255-5261.	4.1	41
28	Image-guided Irreversible Electroporation of Localized Prostate Cancer: Functional and Oncologic Outcomes. Radiology, 2019, 292, 250-257.	7.3	40
29	Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. Journal of Clinical Medicine, 2020, 9, 2543.	2.4	39
30	US Time-Harmonic Elastography: Detection of Liver Fibrosis in Adolescents with Extreme Obesity with Nonalcoholic Fatty Liver Disease. Radiology, 2018, 288, 99-106.	7.3	38
31	CT Body Composition of Sarcopenia and Sarcopenic Obesity: Predictors of Postoperative Complications and Survival in Patients with Locally Advanced Esophageal Adenocarcinoma. Cancers, 2021, 13, 2921.	3.7	38
32	Searching for primaries in patients with neuroendocrine tumors (NET) of unknown primary and clinically suspected NET: Evaluation of Ga-68 DOTATOC PET/CT and In-111 DTPA octreotide SPECT/CT. Radiology and Oncology, 2014, 48, 339-347.	1.7	37
33	Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. Arthritis Research and Therapy, 2021, 23, 106.	3.5	37
34	The value of ADC, T2 signal intensity, and a combination of both parameters to assess Gleason score and primary Gleason grades in patients with known prostate cancer. Acta Radiologica, 2016, 57, 107-114.	1.1	36
35	CT-guided high-dose-rate brachytherapy of unresectable hepatocellular carcinoma. Strahlentherapie Und Onkologie, 2015, 191, 405-412.	2.0	35
36	Diagnostic Performance of Automated Breast Volume Scanning (ABVS) Compared to Handheld Ultrasonography With Breast MRI as the Gold Standard. Academic Radiology, 2017, 24, 954-961.	2.5	35

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37	Paper-based 3D printing of anthropomorphic CT phantoms: Feasibility of two construction techniques. European Radiology, 2019, 29, 1384-1390.	4.5	35
38	Age- and Sex-dependent Frequency of Fat Metaplasia and Other Structural Changes of the Sacroiliac Joints in Patients without Axial Spondyloarthritis: A Retrospective, Cross-sectional MRI Study. Journal of Rheumatology, 2018, 45, 915-921.	2.0	33
39	Near-infrared Fluorescence Optical Imaging in Early Rheumatoid Arthritis: A Comparison to Magnetic Resonance Imaging and Ultrasonography. Journal of Rheumatology, 2015, 42, 1112-1118.	2.0	32
40	Concurrent Molecular Magnetic Resonance Imaging of Inflammatory Activity and Extracellular Matrix Degradation for the Prediction of Aneurysm Rupture. Circulation: Cardiovascular Imaging, 2019, 12, e008707.	2.6	32
41	Diagnostic performance of PI-RADS version 2.1 compared to version 2.0 for detection of peripheral and transition zone prostate cancer. Scientific Reports, 2020, 10, 15982.	3.3	29
42	Molecular MR Imaging of Prostate Cancer. Biomedicines, 2021, 9, 1.	3.2	29
43	Clinical practice in radioembolization of hepatic malignancies: A survey among interventional centers in Europe. European Journal of Radiology, 2012, 81, e804-e811.	2.6	28
44	Molecular imaging of the extracellular matrix in the context of atherosclerosis. Advanced Drug Delivery Reviews, 2017, 113, 49-60.	13.7	28
45	Tomoelastography of the native kidney: Regional variation and physiological effects on in vivo renal stiffness. Magnetic Resonance in Medicine, 2018, 79, 2126-2134.	3.0	28
46	Single-source dual-energy computed tomography for the assessment of bone marrow oedema in vertebral compression fractures: a prospective diagnostic accuracy study. European Radiology, 2019, 29, 31-39.	4.5	28
47	Osteitis: a retrospective feasibility study comparing single-source dual-energy CT to MRI in selected patients with suspected acute gout. Skeletal Radiology, 2017, 46, 185-190.	2.0	27
48	Modified breathâ€hold compressedâ€sensing 3D MR cholangiopancreatography with a small fieldâ€ofâ€view and high resolution acquisition: Clinical feasibility in biliary and pancreatic disorders. Journal of Magnetic Resonance Imaging, 2018, 48, 1389-1399.	3.4	27
49	Distinguishing pancreatic cancer and autoimmune pancreatitis with in vivo tomoelastography. European Radiology, 2021, 31, 3366-3374.	4.5	27
50	Impact of age, sex, and joint form on degenerative lesions of the sacroiliac joints on CT in the normal population. Scientific Reports, 2021, 11, 5903.	3.3	27
51	Point-of-care lung ultrasound in COVID-19 patients: inter- and intra-observer agreement in a prospective observational study. Scientific Reports, 2021, 11, 10678.	3.3	27
52	Diagnostic performance of tomoelastography of the liver and spleen for staging hepatic fibrosis. European Radiology, 2020, 30, 1719-1729.	4.5	26
53	Stability of Radiomic Features across Different Region of Interest Sizes—A CT and MR Phantom Study. Tomography, 2021, 7, 238-252.	1.8	26
54	Single source dual-energy computed tomography in the diagnosis of gout: Diagnostic reliability in comparison to digital radiography and conventional computed tomography of the feet. European Journal of Radiology, 2016, 85, 1829-1834.	2.6	25

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55	Gd-EOB-DTPA-enhanced MRI for monitoring future liver remnant function after portal vein embolization and extended hemihepatectomy: A prospective trial. European Radiology, 2017, 27, 3080-3087.	4.5	25
56	Use of quantitative T2 mapping for the assessment of renal cell carcinomas: first results. Cancer Imaging, 2019, 19, 35.	2.8	25
57	Colour-coded duplex sonography in the diagnostic assessment of vascular complications after kidney transplantation in children. Pediatric Radiology, 1997, 27, 898-902.	2.0	24
58	3D Quantitative tumour burden analysis in patients with hepatocellular carcinoma before TACE: comparing single-lesion vs. multi-lesion imaging biomarkers as predictors of patient survival. European Radiology, 2016, 26, 3243-3252.	4.5	24
59	Efficacy of oral contrast agents for upper gastrointestinal signal suppression in MRCP: A systematic review of the literature. Acta Radiologica Open, 2017, 6, 205846011772731.	0.6	24
60	Comparison of non-invasive assessment of liver fibrosis in patients with alpha1-antitrypsin deficiency using magnetic resonance elastography (MRE), acoustic radiation force impulse (ARFI) Quantification, and 2D-shear wave elastography (2D-SWE). PLoS ONE, 2018, 13, e0196486.	2.5	24
61	[68Ga]PSMA-HBED-CC Uptake in Osteolytic, Osteoblastic, and Bone Marrow Metastases of Prostate Cancer Patients. Molecular Imaging and Biology, 2017, 19, 933-943.	2.6	23
62	Diagnostic performance of susceptibility-weighted magnetic resonance imaging for the detection of calcifications: A systematic review and meta-analysis. Scientific Reports, 2017, 7, 15506.	3.3	23
63	Comparison of ultrasound shear wave elastography with magnetic resonance elastography and renal microvascular flow in the assessment of chronic renal allograft dysfunction. Acta Radiologica, 2018, 59, 1139-1145.	1.1	23
64	Cholangiocarcinoma: CT-guided High-Dose Rate Brachytherapy (CT-HDRBT) for Limited (<4 cm) and Large (>4 cm) Tumors. Anticancer Research, 2018, 38, 5843-5852.	1.1	22
65	Predicting liver failure after extended right hepatectomy following right portal vein embolization with gadoxetic acid-enhanced MRI. European Radiology, 2019, 29, 5861-5872.	4.5	22
66	Gadobutrol for Magnetic Resonance Imaging of Chronic Myocardial Infarction. Investigative Radiology, 2012, 47, 183-188.	6.2	21
67	Non-alcoholic fatty liver disease in underweight patients with inflammatory bowel disease: A case-control study. PLoS ONE, 2018, 13, e0206450.	2.5	21
68	Contrast-enhanced ultrasound (CEUS) of cystic renal lesions in comparison to CT and MRI in a multicenter setting. Clinical Hemorheology and Microcirculation, 2020, 75, 419-429.	1.7	21
69	Uraemic extracellular vesicles augment osteogenic transdifferentiation of vascular smooth muscle cells via enhanced AKT signalling and PiTâ€1 expression. Journal of Cellular and Molecular Medicine, 2021, 25, 5602-5614.	3.6	21
70	In vivo multifrequency magnetic resonance elastography of the human intervertebral disk. Magnetic Resonance in Medicine, 2015, 74, 1380-1387.	3.0	20
71	First experience with single-source dual-energy computed tomography in six patients with acute arthralgia: a feasibility experiment using joint aspiration as a reference. Skeletal Radiology, 2015, 44, 1573-1577.	2.0	20
72	A radiopaque 3D printed, anthropomorphic phantom for simulation of CT-guided procedures. European Radiology, 2018, 28, 4818-4823.	4.5	20

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73	Disk injury in patients with vertebral fractures—a prospective diagnostic accuracy study using dual-energy computed tomography. European Radiology, 2019, 29, 4495-4502.	4.5	20
74	Quantitative biparametric analysis of hybrid 18F-FET PET/MR-neuroimaging for differentiation between treatment response and recurrent glioma. Scientific Reports, 2019, 9, 14603.	3.3	19
75	Differentiation of Predominantly Osteoblastic and Osteolytic Spine Metastases by Using Susceptibility-weighted MRI. Radiology, 2019, 290, 146-154.	7.3	19
76	Multiparametric Assessment of Changes in Renal Tissue after Kidney Transplantation with Quantitative MR Relaxometry and Diffusion-Tensor Imaging at 3 T. Journal of Clinical Medicine, 2020, 9, 1551.	2.4	19
77	Real-Time MR-Guided Lumbosacral Periradicular Injection Therapy Using an Open 1.0-T MRI System. Investigative Radiology, 2013, 48, 471-476.	6.2	18
78	Automated Lung Volumetry from Routine Thoracic CT Scans. Academic Radiology, 2014, 21, 633-638.	2.5	18
79	Macrocyclic contrast agents for magnetic resonance imaging of chronic myocardial infarction: intraindividual comparison of gadobutrol and gadoterate meglumine. European Radiology, 2013, 23, 108-114.	4.5	17
80	Can magnetic resonance imaging be an alternative to computed tomography in immunocompromised patients with suspected fungal infections? Feasibility of a speed optimized examination protocol at 3 Tesla. European Journal of Radiology, 2016, 85, 857-863.	2.6	17
81	MPI Phantom Study with A High-Performing Multicore Tracer Made by Coprecipitation. Nanomaterials, 2019, 9, 1466.	4.1	17
82	Diagnostic performance of contrast-enhanced ultrasound (CEUS) in testicular pathologies: Single-center results. Clinical Hemorheology and Microcirculation, 2019, 73, 347-357.	1.7	17
83	Deep learning reconstruction improves radiomics feature stability and discriminative power in abdominal CT imaging: a phantom study. European Radiology, 2022, 32, 4587-4595.	4.5	17
84	Hepatopulmonary shunting in patients with primary and secondary liver tumors scheduled for radioembolization. European Journal of Radiology, 2015, 84, 201-207.	2.6	16
85	Reducing the dose of CT of the paranasal sinuses: potential of an iterative reconstruction algorithm. Dentomaxillofacial Radiology, 2016, 45, 20160127.	2.7	16
86	Assessment of intracranial meningiomaâ€associated calcifications using susceptibilityâ€weighted MRI. Journal of Magnetic Resonance Imaging, 2017, 46, 1177-1186.	3.4	16
87	Detection of Sacroiliitis by Short-tau Inversion Recovery and T2-weighted Turbo Spin Echo Sequences: Results from the SIMACT Study. Journal of Rheumatology, 2019, 46, 376-383.	2.0	16
88	Ex vivo magnetic particle imaging of vascular inflammation in abdominal aortic aneurysm in a murine model. Scientific Reports, 2020, 10, 12410.	3.3	16
89	3D printing of anatomically realistic phantoms with detection tasks to assess the diagnostic performance of CT images. European Radiology, 2020, 30, 4557-4563.	4.5	16
90	US Time-Harmonic Elastography for the Early Detection of Glomerulonephritis. Radiology, 2019, 292, 676-684.	7.3	15

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91	Assessment of the extracellular volume fraction for the grading of clear cell renal cell carcinoma: first results and histopathological findings. European Radiology, 2019, 29, 5832-5843.	4.5	15
92	Computed Tomography Thermography for Ablation Zone Prediction in Microwave Ablation and Cryoablation: Advantages and Challenges in an Ex Vivo Porcine Liver Model. Journal of Computer Assisted Tomography, 2020, 44, 744-749.	0.9	15
93	In vivo magnetic particle imaging: angiography of inferior vena cava and aorta in rats using newly developed multicore particles. Scientific Reports, 2020, 10, 17247.	3.3	15
94	Iron(III)â€ <i>t</i> CDTA derivatives as MRI contrast agents: Increased T ₁ relaxivities at higher magnetic field strength and pH sensing. Magnetic Resonance in Medicine, 2021, 85, 3370-3382.	3.0	15
95	CT-guided radiofrequency ablation of osteoid osteoma using a novel battery-powered drill. Skeletal Radiology, 2015, 44, 695-701.	2.0	14
96	Placement of central venous port catheters and peripherally inserted central catheters in the routine clinical setting of a radiology department: analysis of costs and intervention duration learning curve. Acta Radiologica, 2017, 58, 1468-1475.	1.1	14
97	Full-Field-of-View Time-Harmonic Elastography of the Native Kidney. Ultrasound in Medicine and Biology, 2018, 44, 949-954.	1.5	14
98	Ultrasound Time-Harmonic Elastography of the Aorta. Investigative Radiology, 2019, 54, 675-680.	6.2	14
99	Extracardiac findings on coronary computed tomography angiography in patients without significant coronary artery disease. European Radiology, 2019, 29, 1714-1723.	4.5	14
100	Ultra-low-dose CT detects synovitis in patients with suspected rheumatoid arthritis. Annals of the Rheumatic Diseases, 2019, 78, 31-35.	0.9	14
101	Simultaneous molecular MRI of extracellular matrix collagen and inflammatory activity to predict abdominal aortic aneurysm rupture. Scientific Reports, 2020, 10, 15206.	3.3	14
102	Noninvasive imaging of vascular permeability to predict the risk of rupture in abdominal aortic aneurysms using an albumin-binding probe. Scientific Reports, 2020, 10, 3231.	3.3	14
103	Retrospective Evaluation of NI-RADS for Detecting Postsurgical Recurrence of Oral Squamous Cell Carcinoma on Surveillance CT or MRI. American Journal of Roentgenology, 2021, 217, 198-206.	2.2	14
104	Influence of fibrosis progression on the viscous properties of in vivo liver tissue elucidated by shear wave dispersion in multifrequency MR elastography. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104645.	3.1	14
105	Sclerotic bone lesions as a potential imaging biomarker for the diagnosis of tuberous sclerosis complex. Scientific Reports, 2018, 8, 953.	3.3	13
106	Evaluation of vertebral body fractures using susceptibility-weighted magnetic resonance imaging. European Radiology, 2018, 28, 2228-2235.	4.5	13
107	Dual-energy CT in the differentiation of crystal depositions of the wrist: does it have added value?. Skeletal Radiology, 2020, 49, 707-713.	2.0	13
108	Feasibility of Intestinal <scp>MR</scp> Elastography in Inflammatory Bowel Disease. Journal of Magnetic Resonance Imaging, 2022, 55, 815-822.	3.4	13

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109	Simultaneous [18F]fluoride and gadobutrol enhanced coronary positron emission tomography/magnetic resonance imaging for <i>in vivo</i> plaque characterization. European Heart Journal Cardiovascular Imaging, 2022, 23, 1391-1398.	1.2	13
110	Anatomic variants of arteries often coil-occluded prior to hepatic radioembolization. Acta Radiologica, 2015, 56, 159-165.	1.1	12
111	Nonenhanced magnetic resonance angiography (MRA) of the calf arteries at 3 Tesla: intraindividual comparison of 3D flow-dependent subtractive MRA and 2D flow-independent non-subtractive MRA. European Radiology, 2016, 26, 4585-4594.	4.5	12
112	Evaluation of sclerosis in Modic changes of the spine using susceptibility-weighted magnetic resonance imaging. European Journal of Radiology, 2017, 88, 148-154.	2.6	12
113	DCE-MR imaging of orbital lesions: diagnostic performance of the tumor flow residence time Ï,, calculated by a multi-compartmental pharmacokinetic tumor model based on individual factors. Acta Radiologica, 2019, 60, 643-652.	1.1	12
114	Susceptibility-weighted MR imaging to improve the specificity of erosion detection: a prospective feasibility study in hand arthritis. Skeletal Radiology, 2019, 48, 721-728.	2.0	12
115	High-Field Open versus Short-Bore Magnetic Resonance Imaging of the Spine: A Randomized Controlled Comparison of Image Quality. PLoS ONE, 2013, 8, e83427.	2.5	12
116	Treatment effect of mTOR-inhibition on tissue composition of renal angiomyolipomas in tuberous sclerosis complex (TSC). PLoS ONE, 2017, 12, e0189132.	2.5	12
117	CT Guided Bone Biopsy Using a Battery Powered Intraosseous Device. CardioVascular and Interventional Radiology, 2013, 36, 1405-1410.	2.0	11
118	CT-based measurement of the inner pelvic volume. Acta Radiologica, 2017, 58, 218-223.	1.1	11
119	Time-Harmonic Elastography of the Liver is Sensitive to Intrahepatic Pressure Gradient and Liver Decompression after Transjugular Intrahepatic Portosystemic Shunt (TIPS) Implantation. Ultrasound in Medicine and Biology, 2017, 43, 595-600.	1.5	11
120	Quantitative susceptibility mapping across two clinical field strengths: Contrastâ€toâ€noise ratio enhancement at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, 1410-1420.	3.4	11
121	Metallic dental artifact reduction in computed tomography (Smart MAR): Improvement of image quality and diagnostic confidence in patients with suspected head and neck pathology and oral implants. European Journal of Radiology, 2019, 118, 153-160.	2.6	11
122	Tailored Magnetic Multicore Nanoparticles for Use as Blood Pool MPI Tracers. Nanomaterials, 2021, 11, 1532.	4.1	11
123	Prediction of prostate cancer grade using fractal analysis of perfusion MRI: retrospective proof-of-principle study. European Radiology, 2021, , 1.	4.5	11
124	Age-related blood half-life of particulate contrast material: Experimental results with a USPIO in rats. Journal of Magnetic Resonance Imaging, 2000, 12, 740-744.	3.4	10
125	Impact of Single-Energy Metal Artifact Reduction on CT image quality in patients with dental hardware. Computers in Biology and Medicine, 2018, 103, 161-166.	7.0	10
126	Consistency of hepatocellular gadoxetic acid uptake in serial MRI examinations for evaluation of liver function. Abdominal Radiology, 2019, 44, 2759-2768.	2.1	10

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127	Vascular pattern and diagnostic accuracy of contrast-enhanced ultrasound (CEUS) in spleen alterations. Clinical Hemorheology and Microcirculation, 2020, 75, 177-188.	1.7	10
128	A radiomics-based model to classify the etiology of liver cirrhosis using gadoxetic acid-enhanced MRI. Scientific Reports, 2021, 11, 10778.	3.3	10
129	Diagnostic accuracy of susceptibility-weighted magnetic resonance imaging for the evaluation of pineal gland calcification. PLoS ONE, 2017, 12, e0172764.	2.5	10
130	Diagnostic Accuracy of Split-Bolus Single-Phase Contrast-Enhanced Cone-Beam CT for the Detection of Liver Tumors before Transarterial Chemoembolization. Journal of Vascular and Interventional Radiology, 2017, 28, 1378-1385.	0.5	9
131	Segment-by-segment assessment of left ventricular myocardial affection in Anderson-Fabry disease by non-enhanced T1-mapping. Acta Radiologica, 2017, 58, 914-921.	1.1	9
132	Multiple solid pancreatic lesions: Prevalence and features of non-malignancies on dynamic enhanced CT. European Journal of Radiology, 2018, 105, 8-14.	2.6	9
133	In Vivo Molecular Characterization of Abdominal Aortic Aneurysms Using Fibrinâ€Specific Magnetic Resonance Imaging. Journal of the American Heart Association, 2018, 7, .	3.7	9
134	Pancreaticobiliary involvement in treated type 1 autoimmune pancreatitis: Imaging pattern and risk factors for disease relapse. European Journal of Radiology, 2019, 120, 108673.	2.6	9
135	Interstitial Brachytherapy in Combination With Previous Transarterial Embolization in Patients With Unresectable Hepatocellular Carcinoma. Anticancer Research, 2019, 39, 1329-1336.	1.1	9
136	Quantitative MRI for Assessment of Treatment Outcomes in a Rabbit VX2 Hepatic Tumor Model. Journal of Magnetic Resonance Imaging, 2020, 52, 668-685.	3.4	9
137	Semi-automatic prostatic artery detection using cone-beam CT during prostatic arterial embolization. Acta Radiologica, 2020, 61, 1116-1124.	1.1	9
138	Diagnostic Value of Initial Chest CT Findings for the Need of ICU Treatment/Intubation in Patients with COVID-19. Diagnostics, 2020, 10, 929.	2.6	9
139	Inter- and Intrareader Agreement of NI-RADS in the Interpretation of Surveillance Contrast-Enhanced CT after Treatment of Oral Cavity and Oropharyngeal Squamous Cell Carcinoma. American Journal of Neuroradiology, 2020, 41, 859-865.	2.4	9
140	MR-guided high-focused ultrasound for renal sympathetic denervation—a feasibility study in pigs. Journal of Therapeutic Ultrasound, 2014, 2, 12.	2.2	8
141	Time-Harmonic Ultrasound elastography of the Descending Abdominal Aorta: Initial Results. Ultrasound in Medicine and Biology, 2017, 43, 2550-2557.	1.5	8
142	MRI-TRUS fusion for electrode positioning during irreversible electroporation for treatment of prostate cancer. Diagnostic and Interventional Radiology, 2017, 23, 321-325.	1.5	8
143	Clinical Experience with Real-Time 3-D Guidance Based on C-Arm-Acquired Cone-Beam CT (CBCT) in Transjugular Intrahepatic Portosystemic Stent Shunt (TIPSS) Placement. CardioVascular and Interventional Radiology, 2018, 41, 1035-1042.	2.0	8
144	Clinical trials in radiology and data sharing: results from a survey of the European Society of Radiology (ESR) research committee. European Radiology, 2019, 29, 4794-4802.	4.5	8

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145	Quantification of Aortic Stiffness by Ultrasound Time-Harmonic Elastography. Investigative Radiology, 2020, 55, 174-180.	6.2	8
146	Advantages of a T1-Weighted Gradient-Recalled Echo (GRE) Sequence With a Radial 3D Sampling Approach Versus 2D Turbo Spin-Echo and Cartesian 3D GRE Sequences in Head and Neck MRI. American Journal of Roentgenology, 2020, 214, 747-753.	2.2	8
147	Validation of the PI-RADS language: predictive values of PI-RADS lexicon descriptors for detection of prostate cancer. European Radiology, 2020, 30, 4262-4271.	4.5	8
148	Dual-energy CT collagen density mapping of wrist ligaments reveals tissue remodeling in CPPD patients: first results from a clinical cohort. Skeletal Radiology, 2021, 50, 417-423.	2.0	8
149	Multiparametric ultrasound findings in acute kidney failure due to rare renal cortical necrosis. Scientific Reports, 2021, 11, 2060.	3.3	8
150	Spatial heterogeneity of hepatic fibrosis in primary sclerosing cholangitis vs. viral hepatitis assessed by MR elastography. Scientific Reports, 2021, 11, 9820.	3.3	8
151	Native T1 mapping of autoimmune pancreatitis as a quantitative outcome surrogate. European Radiology, 2019, 29, 4436-4446.	4.5	8
152	Added Value of Tomoelastography for Characterization of Pancreatic Neuroendocrine Tumor Aggressiveness Based on Stiffness. Cancers, 2021, 13, 5185.	3.7	8
153	Yttrium-90 radioembolization for unresectable hepatocellular carcinoma: predictive modeling strategies to anticipate tumor response and improve patient selection. European Radiology, 2022, 32, 4687-4698.	4.5	8
154	Intra-arterial Ultra Low Iodine CT Angiography of Renal Transplant Arteries. CardioVascular and Interventional Radiology, 2014, 37, 1062-1067.	2.0	7
155	Intraindividual comparison of T1 relaxation times after gadobutrol and Gd-DTPA administration for cardiac late enhancement imaging. European Journal of Radiology, 2014, 83, 660-664.	2.6	7
156	Apparent Migration of Implantable Port Devices: Normal Variations in Consideration of BMI. Journal of Vascular Access, 2016, 17, 155-161.	0.9	7
157	Native T1 Mapping Magnetic Resonance Imaging as a Quantitative Biomarker for Characterization of the Extracellular Matrix in a Rabbit Hepatic Cancer Model. Biomedicines, 2020, 8, 412.	3.2	7
158	Development of a method to create uniform phantoms for taskâ€based assessment of CT image quality. Journal of Applied Clinical Medical Physics, 2020, 21, 201-208.	1.9	7
159	<p>Quantitative CT Analysis in Patients with Pulmonary Emphysema: Do Calculated Differences Between Full Inspiration and Expiration Correlate with Lung Function?</p> . International Journal of COPD, 2020, Volume 15, 1877-1886.	2.3	7
160	Diagnosis of Left Ventricular Diastolic Dysfunction Using Cardiac Magnetic Resonance Imaging: Comparison of Volume-Time Curves Derived from Long- and Short-Axis Cine Steady-State Free Precession Datasets. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 764-775.	1.3	7
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