

Bernd Hamm

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

258
papers

3,247
citations

27
h-index

47
g-index

278
ext. papers

4,221
ext. citations

5
avg, IF

5.42
L-index

#	Paper	IF	Citations
258	Viscoelasticity-based staging of hepatic fibrosis with multifrequency MR elastography. <i>Radiology</i> , 2010 , 257, 80-6	20.5	172
257	Contrast-enhanced MR imaging of liver and spleen: first experience in humans with a new superparamagnetic iron oxide. <i>Journal of Magnetic Resonance Imaging</i> , 1994 , 4, 659-68	5.6	163
256	Contrast-enhanced spectral mammography vs. mammography and MRI - clinical performance in a multi-reader evaluation. <i>European Radiology</i> , 2017 , 27, 2752-2764	8	113
255	Static magnetic resonance imaging of the pelvic floor muscle morphology in women with stress urinary incontinence and pelvic prolapse. <i>Neurourology and Urodynamics</i> , 1998 , 17, 579-89	2.3	100
254	New generation of monomer-stabilized very small superparamagnetic iron oxide particles (VSOP) as contrast medium for MR angiography: preclinical results in rats and rabbits. <i>Journal of Magnetic Resonance Imaging</i> , 2000 , 12, 905-11	5.6	92
253	The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. <i>Metabolism: Clinical and Experimental</i> , 2020 , 110, 154317	12.7	89
252	Comparison of MRI with radiography for detecting structural lesions of the sacroiliac joint using CT as standard of reference: results from the SIMACT study. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1502-1508	2.4	88
251	Contrast-enhanced spectral mammography: Does mammography provide additional clinical benefits or can some radiation exposure be avoided?. <i>Breast Cancer Research and Treatment</i> , 2014 , 146, 371-81	4.4	86
250	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. <i>European Radiology</i> , 2020 , 30, 5404-5416	8	80
249	Use of contrast-enhanced MR imaging to detect sacroiliitis in children. <i>Skeletal Radiology</i> , 1998 , 27, 606-16	17	77
248	Digital mammography using iodine-based contrast media: initial clinical experience with dynamic contrast medium enhancement. <i>Investigative Radiology</i> , 2005 , 40, 397-404	10.1	72
247	Low-dose spiral CT: applicability to paediatric chest imaging. <i>Pediatric Radiology</i> , 1999 , 29, 565-9	2.8	67
246	Accuracy and workflow of navigated spinal instrumentation with the mobile AIRO(Π) CT scanner. <i>European Spine Journal</i> , 2016 , 25, 716-23	2.7	61
245	Gadolinium-enhanced MR angiography of the breast: is breast cancer associated with ipsilateral higher vascularity?. <i>European Radiology</i> , 2001 , 11, 965-9	8	54
244	Hepatocellular carcinoma: computed-tomography-guided high-dose-rate brachytherapy (CT-HDRBT) ablation of large (5-7 cm) and very large (>7 cm) tumours. <i>European Radiology</i> , 2012 , 22, 1101-9	8	50
243	Initial experience with dynamic MR imaging in evaluation of normal bone marrow versus malignant bone marrow infiltrations in humans. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 241-50	5.6	50
242	Characterization of orbital masses by multiparametric MRI. <i>European Journal of Radiology</i> , 2016 , 85, 324-36	36	45

241	Comparison of hybrid Ga-PSMA-PET/CT and Tc-DPD-SPECT/CT for the detection of bone metastases in prostate cancer patients: Additional value of morphologic information from low dose CT. <i>European Radiology</i> , 2018 , 28, 610-619	8	42
240	Diagnosis of Calcific Tendonitis of the Rotator Cuff by Using Susceptibility-weighted MR Imaging. <i>Radiology</i> , 2016 , 278, 475-84	20.5	39
239	Novel magnetic multicore nanoparticles designed for MPI and other biomedical applications: From synthesis to first in vivo studies. <i>PLoS ONE</i> , 2018 , 13, e0190214	3.7	39
238	Coronary magnetic resonance angiography: experimental evaluation of the new rapid clearance blood pool contrast medium P792. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 932-8	4.4	37
237	Improved detection of erosions in the sacroiliac joints on MRI with volumetric interpolated breath-hold examination (VIBE): results from the SIMACT study. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1585-1589	2.4	35
236	Carpal tunnel syndrome: staging of median nerve compression by MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 1119-25	5.6	35
235	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. <i>Radiology and Oncology</i> , 2014 , 48, 339-47	3.8	29
234	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. <i>Acta Radiologica</i> , 2016 , 57, 107-14	2	28
233	Renal cell carcinoma with venous extension: prediction of inferior vena cava wall invasion by MRI. <i>Cancer Imaging</i> , 2018 , 18, 17	5.6	28
232	Tomoelastography Distinguishes Noninvasively between Benign and Malignant Liver Lesions. <i>Cancer Research</i> , 2019 , 79, 5704-5710	10.1	27
231	US Time-Harmonic Elastography: Detection of Liver Fibrosis in Adolescents with Extreme Obesity with Nonalcoholic Fatty Liver Disease. <i>Radiology</i> , 2018 , 288, 99-106	20.5	27
230	Near-infrared Fluorescence Optical Imaging in Early Rheumatoid Arthritis: A Comparison to Magnetic Resonance Imaging and Ultrasonography. <i>Journal of Rheumatology</i> , 2015 , 42, 1112-8	4.1	26
229	Diagnostic Performance of Automated Breast Volume Scanning (ABVS) Compared to Handheld Ultrasonography With Breast MRI as the Gold Standard. <i>Academic Radiology</i> , 2017 , 24, 954-961	4.3	25
228	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. <i>Journal of Rheumatology</i> , 2018 , 45, 915-921	4.1	25
227	Clinical practice in radioembolization of hepatic malignancies: a survey among interventional centers in Europe. <i>European Journal of Radiology</i> , 2012 , 81, e804-11	4.7	25
226	Concurrent Molecular Magnetic Resonance Imaging of Inflammatory Activity and Extracellular Matrix Degradation for the Prediction of Aneurysm Rupture. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008707	3.9	22
225	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. <i>European Journal of Radiology</i> , 2016 , 85, 1829-1834	4.7	22
224	Single-source dual-energy computed tomography for the assessment of bone marrow oedema in vertebral compression fractures: a prospective diagnostic accuracy study. <i>European Radiology</i> , 2019 , 29, 31-39	8	22

223	Osteitis: a retrospective feasibility study comparing single-source dual-energy CT to MRI in selected patients with suspected acute gout. <i>Skeletal Radiology</i> , 2017 , 46, 185-190	2.7	22
222	CT-guided high-dose-rate brachytherapy of unresectable hepatocellular carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2015 , 191, 405-12	4.3	21
221	Modified breath-hold compressed-sensing 3D MR cholangiopancreatography with a small field-of-view and high resolution acquisition: Clinical feasibility in biliary and pancreatic disorders. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1389-1399	5.6	21
220	Gadobutrol for magnetic resonance imaging of chronic myocardial infarction: intraindividual comparison with gadopentetate dimeglumine. <i>Investigative Radiology</i> , 2012 , 47, 183-8	10.1	21
219	Gd-EOB-DTPA-enhanced MRI for monitoring future liver remnant function after portal vein embolization and extended hemihepatectomy: A prospective trial. <i>European Radiology</i> , 2017 , 27, 3080-3087	8	20
218	Colour-coded duplex sonography in the diagnostic assessment of vascular complications after kidney transplantation in children. <i>Pediatric Radiology</i> , 1997 , 27, 898-902	2.8	20
217	First experience with single-source dual-energy computed tomography in six patients with acute arthralgia: a feasibility experiment using joint aspiration as a reference. <i>Skeletal Radiology</i> , 2015 , 44, 1573-7	2.7	19
216	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. <i>European Radiology</i> , 2016 , 26, 3243-52	8	19
215	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). <i>PLoS ONE</i> , 2018 , 13, e0196486	3.7	19
214	Paper-based 3D printing of anthropomorphic CT phantoms: Feasibility of two construction techniques. <i>European Radiology</i> , 2019 , 29, 1384-1390	8	19
213	Image-guided Irreversible Electroporation of Localized Prostate Cancer: Functional and Oncologic Outcomes. <i>Radiology</i> , 2019 , 292, 250-257	20.5	18
212	[Ga]PSMA-HBED-CC Uptake in Osteolytic, Osteoblastic, and Bone Marrow Metastases of Prostate Cancer Patients. <i>Molecular Imaging and Biology</i> , 2017 , 19, 933-943	3.8	18
211	Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	18
210	Tomoelastography of the native kidney: Regional variation and physiological effects on in vivo renal stiffness. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2126-2134	4.4	16
209	Macrocyclic contrast agents for magnetic resonance imaging of chronic myocardial infarction: intraindividual comparison of gadobutrol and gadoterate meglumine. <i>European Radiology</i> , 2013 , 23, 1088-1094	8	16
208	Efficacy of oral contrast agents for upper gastrointestinal signal suppression in MRCP: A systematic review of the literature. <i>Acta Radiologica Open</i> , 2017 , 6, 2058460117727315	1.2	15
207	Molecular imaging of the extracellular matrix in the context of atherosclerosis. <i>Advanced Drug Delivery Reviews</i> , 2017 , 113, 49-60	18.5	15
206	In vivo multifrequency magnetic resonance elastography of the human intervertebral disk. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 1380-7	4.4	15

205	Diagnostic performance of tomoelastography of the liver and spleen for staging hepatic fibrosis. <i>European Radiology</i> , 2020 , 30, 1719-1729	8	15
204	Disk injury in patients with vertebral fractures-a prospective diagnostic accuracy study using dual-energy computed tomography. <i>European Radiology</i> , 2019 , 29, 4495-4502	8	14
203	Real-time MR-guided lumbosacral periradicular injection therapy using an open 1.0-T MRI system: an outcome study. <i>Investigative Radiology</i> , 2013 , 48, 471-6	10.1	14
202	Comparison of ultrasound shear wave elastography with magnetic resonance elastography and renal microvascular flow in the assessment of chronic renal allograft dysfunction. <i>Acta Radiologica</i> , 2018 , 59, 1139-1145	2	14
201	A radiopaque 3D printed, anthropomorphic phantom for simulation of CT-guided procedures. <i>European Radiology</i> , 2018 , 28, 4818-4823	8	14
200	Diagnostic performance of contrast-enhanced ultrasound (CEUS) in testicular pathologies: Single-center results. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 73, 347-357	2.5	13
199	MPI Phantom Study with A High-Performing Multicore Tracer Made by Coprecipitation. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
198	Diagnostic performance of susceptibility-weighted magnetic resonance imaging for the detection of calcifications: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 15506	4.9	13
197	Hepatopulmonary shunting in patients with primary and secondary liver tumors scheduled for radioembolization. <i>European Journal of Radiology</i> , 2015 , 84, 201-7	4.7	13
196	Automated lung volumetry from routine thoracic CT scans: how reliable is the result?. <i>Academic Radiology</i> , 2014 , 21, 633-8	4.3	13
195	Diagnostic performance of PI-RADS version 2.1 compared to version 2.0 for detection of peripheral and transition zone prostate cancer. <i>Scientific Reports</i> , 2020 , 10, 15982	4.9	13
194	CT-guided radiofrequency ablation of osteoid osteoma using a novel battery-powered drill. <i>Skeletal Radiology</i> , 2015 , 44, 695-701	2.7	12
193	Reducing the dose of CT of the paranasal sinuses: potential of an iterative reconstruction algorithm. <i>Dentomaxillofacial Radiology</i> , 2016 , 45, 20160127	3.9	12
192	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. <i>European Journal of Radiology</i> , 2016 , 85, 857-63	4.7	12
191	Ex vivo magnetic particle imaging of vascular inflammation in abdominal aortic aneurysm in a murine model. <i>Scientific Reports</i> , 2020 , 10, 12410	4.9	12
190	Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. <i>Bioinformatics</i> , 2021 , 36, 5255-5261	7.2	12
189	Assessment of intracranial meningioma-associated calcifications using susceptibility-weighted MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 1177-1186	5.6	11
188	Predicting liver failure after extended right hepatectomy following right portal vein embolization with gadoxetic acid-enhanced MRI. <i>European Radiology</i> , 2019 , 29, 5861-5872	8	11

187	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. <i>European Radiology</i> , 2016 , 26, 4585-4594	8	11
186	Quantitative biparametric analysis of hybrid F-FET PET/MR-neuroimaging for differentiation between treatment response and recurrent glioma. <i>Scientific Reports</i> , 2019 , 9, 14603	4.9	11
185	Contrast-enhanced ultrasound (CEUS) of cystic renal lesions in comparison to CT and MRI in a multicenter setting. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 419-429	2.5	11
184	Detection of Sacroiliitis by Short-tau Inversion Recovery and T2-weighted Turbo Spin Echo Sequences: Results from the SIMACT Study. <i>Journal of Rheumatology</i> , 2019 , 46, 376-383	4.1	10
183	Noninvasive imaging of vascular permeability to predict the risk of rupture in abdominal aortic aneurysms using an albumin-binding probe. <i>Scientific Reports</i> , 2020 , 10, 3231	4.9	10
182	Full-Field-of-View Time-Harmonic Elastography of the Native Kidney. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 949-954	3.5	10
181	CT guided bone biopsy using a battery powered intraosseous device. <i>CardioVascular and Interventional Radiology</i> , 2013 , 36, 1405-10	2.7	10
180	Age-related blood half-life of particulate contrast material: experimental results with a USPIO in rats. <i>Journal of Magnetic Resonance Imaging</i> , 2000 , 12, 740-4	5.6	10
179	Non-alcoholic fatty liver disease in underweight patients with inflammatory bowel disease: A case-control study. <i>PLoS ONE</i> , 2018 , 13, e0206450	3.7	10
178	Cholangiocarcinoma: CT-guided High-Dose Rate Brachytherapy (CT-HDRBT) for Limited (4 cm) Tumors. <i>Anticancer Research</i> , 2018 , 38, 5843-5852	2.3	10
177	Evaluation of sclerosis in Modic changes of the spine using susceptibility-weighted magnetic resonance imaging. <i>European Journal of Radiology</i> , 2017 , 88, 148-154	4.7	9
176	High-field open versus short-bore magnetic resonance imaging of the spine: a randomized controlled comparison of image quality. <i>PLoS ONE</i> , 2013 , 8, e83427	3.7	9
175	Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. <i>Arthritis Research and Therapy</i> , 2021 , 23, 106	5.7	9
174	Ultrasound Time-Harmonic Elastography of the Aorta: Effect of Age and Hypertension on Aortic Stiffness. <i>Investigative Radiology</i> , 2019 , 54, 675-680	10.1	9
173	Distinguishing pancreatic cancer and autoimmune pancreatitis with in vivo tomoelastography. <i>European Radiology</i> , 2021 , 31, 3366-3374	8	9
172	In Vivo Molecular Characterization of Abdominal Aortic Aneurysms Using Fibrin-Specific Magnetic Resonance Imaging. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	9
171	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. <i>Acta Radiologica</i> , 2017 , 58, 1468-1475	2	8
170	Time-Harmonic Elastography of the Liver is Sensitive to Intrahepatic Pressure Gradient and Liver Decompression after Transjugular Intrahepatic Portosystemic Shunt (TIPS) Implantation. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 595-600	3.5	8

169	Use of quantitative T2 mapping for the assessment of renal cell carcinomas: first results. <i>Cancer Imaging</i> , 2019 , 19, 35	5.6	8
168	Sclerotic bone lesions as a potential imaging biomarker for the diagnosis of tuberous sclerosis complex. <i>Scientific Reports</i> , 2018 , 8, 953	4.9	8
167	Diagnostic Accuracy of Split-Bolus Single-Phase Contrast-Enhanced Cone-Beam CT for the Detection of Liver Tumors before Transarterial Chemoembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2017 , 28, 1378-1385	2.4	8
166	Anatomic variants of arteries often coil-occluded prior to hepatic radioembolization. <i>Acta Radiologica</i> , 2015 , 56, 159-65	2	8
165	MR-guided high-focused ultrasound for renal sympathetic denervation-a feasibility study in pigs. <i>Journal of Therapeutic Ultrasound</i> , 2014 , 2, 12		8
164	Diagnostic accuracy of susceptibility-weighted magnetic resonance imaging for the evaluation of pineal gland calcification. <i>PLoS ONE</i> , 2017 , 12, e0172764	3.7	8
163	Treatment effect of mTOR-inhibition on tissue composition of renal angiomyolipomas in tuberous sclerosis complex (TSC). <i>PLoS ONE</i> , 2017 , 12, e0189132	3.7	8
162	Differentiation of Predominantly Osteoblastic and Osteolytic Spine Metastases by Using Susceptibility-weighted MRI. <i>Radiology</i> , 2019 , 290, 146-154	20.5	8
161	Consistency of hepatocellular gadoxetic acid uptake in serial MRI examinations for evaluation of liver function. <i>Abdominal Radiology</i> , 2019 , 44, 2759-2768	3	7
160	Interstitial Brachytherapy in Combination With Previous Transarterial Embolization in Patients With Unresectable Hepatocellular Carcinoma. <i>Anticancer Research</i> , 2019 , 39, 1329-1336	2.3	7
159	3D printing of anatomically realistic phantoms with detection tasks to assess the diagnostic performance of CT images. <i>European Radiology</i> , 2020 , 30, 4557-4563	8	7
158	Quantitative susceptibility mapping across two clinical field strengths: Contrast-to-noise ratio enhancement at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1410-1420	5.6	7
157	Evaluation of vertebral body fractures using susceptibility-weighted magnetic resonance imaging. <i>European Radiology</i> , 2018 , 28, 2228-2235	8	7
156	Intra-arterial ultra low iodine CT angiography of renal transplant arteries. <i>CardioVascular and Interventional Radiology</i> , 2014 , 37, 1062-7	2.7	7
155	Segment-by-segment assessment of left ventricular myocardial affection in Anderson-Fabry disease by non-enhanced T1-mapping. <i>Acta Radiologica</i> , 2017 , 58, 914-921	2	7
154	Diagnostic Value of Initial Chest CT Findings for the Need of ICU Treatment/Intubation in Patients with COVID-19. <i>Diagnostics</i> , 2020 , 10,	3.8	7
153	Simultaneous molecular MRI of extracellular matrix collagen and inflammatory activity to predict abdominal aortic aneurysm rupture. <i>Scientific Reports</i> , 2020 , 10, 15206	4.9	7
152	Extracardiac findings on coronary computed tomography angiography in patients without significant coronary artery disease. <i>European Radiology</i> , 2019 , 29, 1714-1723	8	7

151	Introducing the Node Reporting and Data System 1.0 (Node-RADS): a concept for standardized assessment of lymph nodes in cancer. <i>European Radiology</i> , 2021 , 31, 6116-6124	8	7
150	Pulmonary MRI at 3T: Non-enhanced pulmonary magnetic resonance Imaging Characterization Quotients for differentiation of infectious and malignant lesions. <i>European Journal of Radiology</i> , 2017 , 89, 33-39	4.7	6
149	Three-dimensional quantitative assessment of lesion response to MR-guided high-intensity focused ultrasound treatment of uterine fibroids. <i>Academic Radiology</i> , 2015 , 22, 1199-205	4.3	6
148	Multiparametric Assessment of Changes in Renal Tissue after Kidney Transplantation with Quantitative MR Relaxometry and Diffusion-Tensor Imaging at 3 T. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
147	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. <i>American Journal of Neuroradiology</i> , 2020 , 41, 859-865	4.4	6
146	DCE-MR imaging of orbital lesions: diagnostic performance of the tumor flow residence time τ calculated by a multi-compartmental pharmacokinetic tumor model based on individual factors. <i>Acta Radiologica</i> , 2019 , 60, 643-652	2	6
145	US Time-Harmonic Elastography for the Early Detection of Glomerulonephritis. <i>Radiology</i> , 2019 , 292, 676-684	20.5	6
144	Time-Harmonic Ultrasound elastography of the Descending Abdominal Aorta: Initial Results. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 2550-2557	3.5	6
143	Dual-energy CT in the differentiation of crystal depositions of the wrist: does it have added value?. <i>Skeletal Radiology</i> , 2020 , 49, 707-713	2.7	6
142	In vivo magnetic particle imaging: angiography of inferior vena cava and aorta in rats using newly developed multicore particles. <i>Scientific Reports</i> , 2020 , 10, 17247	4.9	6
141	Susceptibility-weighted MR imaging to improve the specificity of erosion detection: a prospective feasibility study in hand arthritis. <i>Skeletal Radiology</i> , 2019 , 48, 721-728	2.7	6
140	Ultra-low-dose CT detects synovitis in patients with suspected rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 31-35	2.4	6
139	Impact of Single-Energy Metal Artifact Reduction on CT image quality in patients with dental hardware. <i>Computers in Biology and Medicine</i> , 2018 , 103, 161-166	7	6
138	Low-dose computed tomography as diagnostic tool in calcium pyrophosphate deposition disease arthropathy: focus on ligamentous calcifications of the wrist. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 826-833	2.2	6
137	CT-based measurement of the inner pelvic volume. <i>Acta Radiologica</i> , 2017 , 58, 218-223	2	5
136	Pancreaticobiliary involvement in treated type 1 autoimmune pancreatitis: Imaging pattern and risk factors for disease relapse. <i>European Journal of Radiology</i> , 2019 , 120, 108673	4.7	5
135	Vascular pattern and diagnostic accuracy of contrast-enhanced ultrasound (CEUS) in spleen alterations. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 177-188	2.5	5
134	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. <i>American Journal of Roentgenology</i> , 2020 , 214, 747-753	5.4	5

133	Intraindividual comparison of T1 relaxation times after gadobutrol and Gd-DTPA administration for cardiac late enhancement imaging. <i>European Journal of Radiology</i> , 2014 , 83, 660-4	4.7	5
132	Detection of neuroendocrine tumours in the small intestines using contrast-enhanced multiphase Ga-68 DOTATOC PET/CT: the potential role of arterial hyperperfusion. <i>Radiology and Oncology</i> , 2014 , 48, 120-6	3.8	5
131	Potential of asphericity as a novel diagnostic parameter in the evaluation of patients with Ga-PSMA-HBED-CC PET-positive prostate cancer lesions. <i>EJNMMI Research</i> , 2017 , 7, 85	3.6	5
130	Run-Off Computed Tomography Angiography (CTA) for Discriminating the Underlying Causes of Intermittent Claudication. <i>PLoS ONE</i> , 2016 , 11, e0152780	3.7	5
129	Native T1 mapping of autoimmune pancreatitis as a quantitative outcome surrogate. <i>European Radiology</i> , 2019 , 29, 4436-4446	8	5
128	Development of a method to create uniform phantoms for task-based assessment of CT image quality. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 201-208	2.3	5
127	Uraemic extracellular vesicles augment osteogenic transdifferentiation of vascular smooth muscle cells via enhanced AKT signalling and PiT-1 expression. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5602-5614	5.6	5
126	Gd-EOB-DTPA-enhanced MRI T1 relaxometry as an imaging-based liver function test compared with C-methacetin breath test. <i>Acta Radiologica</i> , 2020 , 61, 291-301	2	5
125	Iron(III)-tCDTA derivatives as MRI contrast agents: Increased T relaxivities at higher magnetic field strength and pH sensing. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 3370-3382	4.4	5
124	Primary and metastatic malignancies of the lung: Retrospective analysis of the CT-guided high-dose rate brachytherapy (CT-HDRBT) ablation in tumours. <i>European Journal of Radiology</i> , 2018 , 108, 230-235	4.7	5
123	Multiple solid pancreatic lesions: Prevalence and features of non-malignancies on dynamic enhanced CT. <i>European Journal of Radiology</i> , 2018 , 105, 8-14	4.7	5
122	Clinical trials in radiology and data sharing: results from a survey of the European Society of Radiology (ESR) research committee. <i>European Radiology</i> , 2019 , 29, 4794-4802	8	4
121	MRI-TRUS fusion for electrode positioning during irreversible electroporation for treatment of prostate cancer. <i>Diagnostic and Interventional Radiology</i> , 2017 , 23, 321-325	3.2	4
120	Extracardiac findings at cardiac MR imaging: a single-centre retrospective study over 14 years. <i>European Radiology</i> , 2018 , 28, 4102-4110	8	4
119	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. <i>CardioVascular and Interventional Radiology</i> , 2018 , 41, 1035-1042	2.7	4
118	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. <i>European Journal of Radiology</i> , 2019 , 118, 153-160	4.7	4
117	Accuracy of standard clinical 3T prostate MRI for pelvic lymph node staging: Comparison to Ga-PSMA PET-CT. <i>Scientific Reports</i> , 2019 , 9, 10727	4.9	4
116	The CDD System in Computed Tomographic Diagnosis of Diverticular Disease. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017 , 189, 740-747	2.3	4

115	Computed Tomography Thermography for Ablation Zone Prediction in Microwave Ablation and Cryoablation: Advantages and Challenges in an Ex Vivo Porcine Liver Model. <i>Journal of Computer Assisted Tomography</i> , 2020 , 44, 744-749	2.2	4
114	Quality Assessment of CEUS in Individuals with Small Renal Masses-Which Individual Factors Are Associated with High Image Quality?. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
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