

Michael Weber Mag

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6466591/michael-weber-mag-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

288
papers

7,380
citations

47
h-index

71
g-index

296
ext. papers

8,770
ext. citations

6.9
avg, IF

5.67
L-index

#	Paper	IF	Citations
288	Diffusion-weighted MR for differentiation of breast lesions at 3.0 T: how does selection of diffusion protocols affect diagnosis?. <i>Radiology</i> , 2009 , 253, 341-51	20.5	227
287	CT angiography of pulmonary arteries to detect pulmonary embolism: improvement of vascular enhancement with low kilovoltage settings. <i>Radiology</i> , 2006 , 241, 899-907	20.5	224
286	Triple-modality screening trial for familial breast cancer underlines the importance of magnetic resonance imaging and questions the role of mammography and ultrasound regardless of patient mutation status, age, and breast density. <i>Journal of Clinical Oncology</i> , 2015 , 33, 1128-35	2.2	184
285	In utero tractography of fetal white matter development. <i>NeuroImage</i> , 2008 , 43, 213-24	7.9	178
284	Slow expansion of multiple sclerosis iron rim lesions: pathology and 7T magnetic resonance imaging. <i>Acta Neuropathologica</i> , 2017 , 133, 25-42	14.3	167
283	Readout-segmented echo-planar imaging improves the diagnostic performance of diffusion-weighted MR breast examinations at 3.0 T. <i>Radiology</i> , 2012 , 263, 64-76	20.5	149
282	Occult scaphoid fractures: comparison of multidetector CT and MR imaging--initial experience. <i>Radiology</i> , 2006 , 240, 169-76	20.5	145
281	The prenatal origin of hemispheric asymmetry: an in utero neuroimaging study. <i>Cerebral Cortex</i> , 2011 , 21, 1076-83	5.1	124
280	US-guided 14-gauge core-needle breast biopsy: results of a validation study in 1352 cases. <i>Radiology</i> , 2008 , 248, 406-13	20.5	118
279	Virtual non-contrast in second-generation, dual-energy computed tomography: reliability of attenuation values. <i>European Journal of Radiology</i> , 2012 , 81, e398-405	4.7	109
278	Endurance exercise training in orthostatic intolerance: a randomized, controlled trial. <i>Hypertension</i> , 2005 , 45, 391-8	8.5	106
277	Sclerostin serum levels correlate positively with bone mineral density and microarchitecture in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 226-30	4.3	104
276	A combined high temporal and high spatial resolution 3 Tesla MR imaging protocol for the assessment of breast lesions: initial results. <i>Investigative Radiology</i> , 2009 , 44, 553-8	10.1	93
275	Improved diagnostic accuracy with multiparametric magnetic resonance imaging of the breast using dynamic contrast-enhanced magnetic resonance imaging, diffusion-weighted imaging, and 3-dimensional proton magnetic resonance spectroscopic imaging. <i>Investigative Radiology</i> , 2014 , 49, 421-30	10.1	89
274	Evaluation of diffusion-weighted MRI for pretherapeutic assessment and staging of lymphoma: results of a prospective study in 140 patients. <i>Clinical Cancer Research</i> , 2014 , 20, 2984-93	12.9	86
273	Combined contrast-enhanced magnetic resonance and diffusion-weighted imaging reading adapted to the "Breast Imaging Reporting and Data System" for multiparametric 3-T imaging of breast lesions. <i>European Radiology</i> , 2013 , 23, 1791-802	8	84
272	Disrupted cerebellar development in preterm infants is associated with impaired neurodevelopmental outcome. <i>European Journal of Pediatrics</i> , 2008 , 167, 1141-7	4.1	84

271	Magnetic resonance imaging of the breast improves detection of invasive cancer, preinvasive cancer, and premalignant lesions during surveillance of women at high risk for breast cancer. <i>Clinical Cancer Research</i> , 2007 , 13, 6144-52	12.9	83
270	Long-term results 8 years after autologous osteochondral transplantation: 7 T gagCEST and sodium magnetic resonance imaging with morphological and clinical correlation. <i>Osteoarthritis and Cartilage</i> , 2012 , 20, 357-363	6.2	80
269	Diffusion-Weighted Imaging With Apparent Diffusion Coefficient Mapping for Breast Cancer Detection as a Stand-Alone Parameter: Comparison With Dynamic Contrast-Enhanced and Multiparametric Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2018 , 53, 587-595	10.1	75
268	Texture-based and diffusion-weighted discrimination of parotid gland lesions on MR images at 3.0 Tesla. <i>NMR in Biomedicine</i> , 2013 , 26, 1372-9	4.4	73
267	Diagnostic imaging in Merkel cell carcinoma: lessons to learn from 16 cases with correlation of sonography, CT, MRI and PET. <i>European Journal of Radiology</i> , 2010 , 73, 317-23	4.7	73
266	Bone microarchitecture in hemodialysis patients assessed by HR-pQCT. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 2264-71	6.9	70
265	Gadobenate dimeglumine-enhanced 3.0-T MR imaging versus multiphasic 64-detector row CT: prospective evaluation in patients suspected of having pancreatic cancer. <i>Radiology</i> , 2011 , 259, 757-66	20.5	69
264	Quantitative apparent diffusion coefficient as a noninvasive imaging biomarker for the differentiation of invasive breast cancer and ductal carcinoma in situ. <i>Investigative Radiology</i> , 2015 , 50, 95-100	10.1	67
263	Preoperative detection of colorectal liver metastases in fatty liver: MDCT or MRI?. <i>European Journal of Radiology</i> , 2011 , 79, e1-6	4.7	67
262	Lumbar intervertebral disc abnormalities: comparison of quantitative T2 mapping with conventional MR at 3.0 T. <i>European Radiology</i> , 2010 , 20, 2715-22	8	67
261	Impact of sonography in gouty arthritis: comparison with conventional radiography, clinical examination, and laboratory findings. <i>European Journal of Radiology</i> , 2007 , 62, 437-43	4.7	66
260	Dual-energy computed tomography compared with ultrasound in the diagnosis of gout. <i>Rheumatology</i> , 2014 , 53, 173-9	3.9	65
259	Quantitative evaluation of contrast-enhanced ultrasound after intravenous administration of a microbubble contrast agent for differentiation of benign and malignant thyroid nodules: assessment of diagnostic accuracy. <i>European Radiology</i> , 2012 , 22, 1357-65	8	65
258	Evaluation of Diffusion-Weighted Magnetic Resonance Imaging for Follow-up and Treatment Response Assessment of Lymphoma: Results of an 18F-FDG-PET/CT-Controlled Prospective Study in 64 Patients. <i>Clinical Cancer Research</i> , 2015 , 21, 2506-13	12.9	64
257	Improved differentiation of benign and malignant breast tumors with multiparametric 18fluorodeoxyglucose positron emission tomography magnetic resonance imaging: a feasibility study. <i>Clinical Cancer Research</i> , 2014 , 20, 3540-9	12.9	64
256	Dual-time-point FDG-PET/CT for the detection of hepatic metastases. <i>Molecular Imaging and Biology</i> , 2008 , 10, 335-40	3.8	64
255	Soft Tissue Tumors in Adults: ESSR-Approved Guidelines for Diagnostic Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2015 , 19, 475-82	1.8	62
254	Probiotics (<i>Lactobacillus acidophilus</i> and <i>Bifidobacterium infantis</i>) prevent NEC in VLBW infants fed breast milk but not formula [corrected]. <i>Pediatric Research</i> , 2015 , 77, 381-8	3.2	60

253	Detection of histologically proven peritoneal carcinomatosis with fused 18F-FDG-PET/MDCT. <i>European Journal of Radiology</i> , 2009 , 69, 536-41	4.7	58
252	Pulmonary nodules: sensitivity of maximum intensity projection versus that of volume rendering of 3D multidetector CT data. <i>Radiology</i> , 2007 , 243, 561-9	20.5	55
251	MRI versus radiography of acromioclavicular joint dislocation. <i>American Journal of Roentgenology</i> , 2011 , 197, 968-73	5.4	54
250	Evaluation of native hyaline cartilage and repair tissue after two cartilage repair surgery techniques with ²³ Na MR imaging at 7 T: initial experience. <i>Osteoarthritis and Cartilage</i> , 2012 , 20, 837-45	6.2	53
249	The ribs unfolded - a CT visualization algorithm for fast detection of rib fractures: effect on sensitivity and specificity in trauma patients. <i>European Radiology</i> , 2015 , 25, 1865-74	8	52
248	Effect of computer-aided detection as a second reader in multidetector-row CT colonography. <i>European Radiology</i> , 2007 , 17, 2598-607	8	52
247	Multidetector CT of pancreas: effects of contrast material flow rate and individualized scan delay on enhancement of pancreas and tumor contrast. <i>Radiology</i> , 2006 , 241, 441-8	20.5	52
246	Preterm birth and disruptive cerebellar development: assessment of perinatal risk factors. <i>European Journal of Paediatric Neurology</i> , 2008 , 12, 455-60	3.8	51
245	High-resolution contrast-enhanced, susceptibility-weighted MR imaging at 3T in patients with brain tumors: correlation with positron-emission tomography and histopathologic findings. <i>American Journal of Neuroradiology</i> , 2007 , 28, 1280-6	4.4	51
244	PET/MRI versus PET/CT in oncology: a prospective single-center study of 330 examinations focusing on implications for patient management and cost considerations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 51-60	8.8	51
243	In vivo tractography of fetal association fibers. <i>PLoS ONE</i> , 2015 , 10, e0119536	3.7	49
242	Fetal MRI detects early alterations of brain development in Tetralogy of Fallot. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, 392.e1-7	6.4	47
241	Assessing prenatal white matter connectivity in commissural agenesis. <i>Brain</i> , 2013 , 136, 168-79	11.2	45
240	The prevalence of lumbar facet joint edema in patients with low back pain. <i>Skeletal Radiology</i> , 2007 , 36, 755-60	2.7	44
239	18F-Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance in Lymphoma: Comparison With 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography and With the Addition of Magnetic Resonance Diffusion-Weighted Imaging. <i>Investigative Radiology</i> , 2016 , 51, 163-9	10.1	44
238	Functional imaging in head and neck squamous cell carcinoma: correlation of PET/CT and diffusion-weighted imaging at 3 Tesla. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 1009-19	8.8	43
237	Characterization of benign and malignant breast lesions with computed tomography laser mammography (CTLM): initial experience. <i>Investigative Radiology</i> , 2005 , 40, 328-35	10.1	43
236	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2019 , 1947603519865308	3	42

235	Clinical application of bilateral high temporal and spatial resolution dynamic contrast-enhanced magnetic resonance imaging of the breast at 7T. <i>European Radiology</i> , 2014 , 24, 913-20	8	42
234	High-resolution morphological and biochemical imaging of articular cartilage of the ankle joint at 3.0 T using a new dedicated phased array coil: in vivo reproducibility study. <i>Skeletal Radiology</i> , 2008 , 37, 519-26	2.7	42
233	MDCT versus digital radiography in the evaluation of bone healing in orthopedic patients. <i>American Journal of Roentgenology</i> , 2006 , 186, 1754-60	5.4	40
232	Whole-Body 68Ga-DOTANOC PET/MRI Versus 68Ga-DOTANOC PET/CT in Patients With Neuroendocrine Tumors: A Prospective Study in 28 Patients. <i>Clinical Nuclear Medicine</i> , 2017 , 42, 669-674 ¹⁻⁷		39
231	Contrast-enhanced, high-resolution, susceptibility-weighted magnetic resonance imaging of the brain: dose-dependent optimization at 3 tesla and 1.5 tesla in healthy volunteers. <i>Investigative Radiology</i> , 2006 , 41, 249-55	10.1	39
230	The in vivo effects of unloading and compression on T1-Gd (dGEMRIC) relaxation times in healthy articular knee cartilage at 3.0 Tesla. <i>European Radiology</i> , 2010 , 20, 443-9	8	38
229	Flat-panel-detector chest radiography: effect of tube voltage on image quality. <i>Radiology</i> , 2005 , 235, 642-50	20.5	38
228	Gadoxetate-enhanced versus diffusion-weighted MRI for fused Ga-68-DOTANOC PET/MRI in patients with neuroendocrine tumours of the upper abdomen. <i>European Radiology</i> , 2013 , 23, 1978-85	8	37
227	MR neurography of ulnar nerve entrapment at the cubital tunnel: a diffusion tensor imaging study. <i>European Radiology</i> , 2015 , 25, 1911-8	8	37
226	Fungal versus bacterial brain abscesses: is diffusion-weighted MR imaging a useful tool in the differential diagnosis?. <i>Neuroradiology</i> , 2007 , 49, 651-7	3.2	37
225	Long-term evolution of multiple sclerosis iron rim lesions in 7 T MRI. <i>Brain</i> , 2021 , 144, 833-847	11.2	37
224	An automatic model-based system for joint space measurements on hand radiographs: initial experience. <i>Radiology</i> , 2007 , 245, 855-62	20.5	36
223	Improved preoperative evaluation of cerebral cavernomas by high-field, high-resolution susceptibility-weighted magnetic resonance imaging at 3 Tesla: comparison with standard (1.5 T) magnetic resonance imaging and correlation with histopathological findings--preliminary results. <i>Investigative Radiology</i> , 2007 , 42, 346-51	10.1	36
222	Multiparametric MR Imaging with High-Resolution Dynamic Contrast-enhanced and Diffusion-weighted Imaging at 7 T Improves the Assessment of Breast Tumors: A Feasibility Study. <i>Radiology</i> , 2015 , 276, 360-70	20.5	35
221	Can dual-energy CT improve the assessment of tumor margins in oral cancer?. <i>Oral Oncology</i> , 2014 , 50, 221-7	4.4	35
220	Prevalence of NSF following intravenous gadolinium-contrast media administration in dialysis patients with endstage renal disease. <i>European Journal of Radiology</i> , 2010 , 76, 129-34	4.7	34
219	Diagnostic performance and reference values of novel biomarkers of paediatric heart failure. <i>Heart</i> , 2016 , 102, 1633-9	5.1	34
218	Radiomic features of glucose metabolism enable prediction of outcome in mantle cell lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2760-2769	8.8	33

217	The skull unfolded: a cranial CT visualization algorithm for fast and easy detection of skull fractures. <i>Radiology</i> , 2010 , 255, 553-62	20.5	33
216	JPEG2000 compression of thin-section CT images of the lung: effect of compression ratio on image quality. <i>Radiology</i> , 2006 , 240, 869-77	20.5	33
215	Detectability of catheters on bedside chest radiographs: comparison between liquid crystal display and high-resolution cathode-ray tube monitors. <i>Radiology</i> , 2005 , 234, 611-6	20.5	33
214	Percutaneous radiofrequency ablation of renal tumors: midterm results in 16 patients. <i>European Journal of Radiology</i> , 2006 , 59, 183-9	4.7	32
213	Inverse association between bone microarchitecture assessed by HR-pQCT and coronary artery calcification in patients with end-stage renal disease. <i>Bone</i> , 2014 , 64, 33-8	4.7	31
212	Diagnostic value of sonography, ultrasound-guided fine-needle aspiration cytology, and diffusion-weighted MRI in the characterization of cold thyroid nodules. <i>European Journal of Radiology</i> , 2010 , 73, 538-44	4.7	31
211	High-field, high-resolution, susceptibility-weighted magnetic resonance imaging: improved image quality by addition of contrast agent and higher field strength in patients with brain tumors. <i>Neuroradiology</i> , 2008 , 50, 9-16	3.2	31
210	Acute pulmonary embolism: effect of a computer-assisted detection prototype on diagnosis--an observer study. <i>Radiology</i> , 2012 , 262, 305-13	20.5	30
209	Assessment of lung development in isolated congenital diaphragmatic hernia using signal intensity ratios on fetal MR imaging. <i>European Radiology</i> , 2010 , 20, 829-37	8	30
208	Acute radial nerve entrapment at the spiral groove: detection by DTI-based neurography. <i>European Radiology</i> , 2015 , 25, 1678-83	8	29
207	Dose modulated retrospective ECG-gated versus non-gated 64-row CT angiography of the aorta at the same radiation dose: comparison of motion artifacts, diagnostic confidence and signal-to-noise-ratios. <i>European Journal of Radiology</i> , 2012 , 81, e585-90	4.7	29
206	Flat-panel display (LCD) versus high-resolution gray-scale display (CRT) for chest radiography: an observer preference study. <i>American Journal of Roentgenology</i> , 2005 , 184, 752-6	5.4	29
205	Normal mandibular growth and diagnosis of micrognathia at prenatal MRI. <i>Prenatal Diagnosis</i> , 2015 , 35, 108-16	3.2	28
204	[68Ga]Ga-Pentixafor PET/MRI for CXCR4 Imaging of Chronic Lymphocytic Leukemia: Preliminary Results. <i>Investigative Radiology</i> , 2018 , 53, 403-408	10.1	28
203	Diffusion-weighted MR imaging of the normal fetal lung. <i>European Radiology</i> , 2008 , 18, 700-6	8	28
202	Characterization of hepatocellular tumors: value of mangafodipir-enhanced magnetic resonance imaging. <i>Journal of Computer Assisted Tomography</i> , 2005 , 29, 181-90	2.2	28
201	Accuracy of hydro-multidetector row CT in the local T staging of oesophageal cancer compared to postoperative histopathological results. <i>European Radiology</i> , 2011 , 21, 2326-35	8	27
200	Diagnostic performance of digital breast tomosynthesis with a wide scan angle compared to full-field digital mammography for the detection and characterization of microcalcifications. <i>European Journal of Radiology</i> , 2016 , 85, 2161-2168	4.7	27

199	Introduction of an automated user-independent quantitative volumetric magnetic resonance imaging breast density measurement system using the Dixon sequence: comparison with mammographic breast density assessment. <i>Investigative Radiology</i> , 2015 , 50, 73-80	10.1	26
198	Sodium MR imaging of the lumbar intervertebral disk at 7 T: correlation with T2 mapping and modified Pfirrmann score at 3 T--preliminary results. <i>Radiology</i> , 2012 , 265, 555-64	20.5	26
197	MRI investigation of normal fetal lung maturation using signal intensities on different imaging sequences. <i>European Radiology</i> , 2007 , 17, 835-42	8	26
196	Ovarian cysts on prenatal MRI. <i>European Journal of Radiology</i> , 2012 , 81, 1937-44	4.7	25
195	Brain tumours at 7T MRI compared to 3T--contrast effect after half and full standard contrast agent dose: initial results. <i>European Radiology</i> , 2015 , 25, 106-12	8	24
194	Use of diagnostic dynamic contrast-enhanced (DCE)-MRI for targeting of soft tissue tumour biopsies at 3T: preliminary results. <i>European Radiology</i> , 2015 , 25, 2041-8	8	24
193	Sarcopenia in Neurological Patients: Standard Values for Temporal Muscle Thickness and Muscle Strength Evaluation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	24
192	Quantitative analysis of lumbar intervertebral disc abnormalities at 3.0 Tesla: value of T(2) texture features and geometric parameters. <i>NMR in Biomedicine</i> , 2012 , 25, 866-72	4.4	24
191	Assessment of pulmonary melanoma metastases with 18F-FDG PET/CT: which PET-negative patients require additional tests for definitive staging?. <i>European Radiology</i> , 2012 , 22, 2451-7	8	24
190	Computed tomography angiography of the carotid arteries at low kV settings: a prospective randomised trial assessing radiation dose and diagnostic confidence. <i>European Radiology</i> , 2011 , 21, 2434-44	8	24
189	Quantification of synovitis in rheumatoid arthritis: do we really need quantitative measurement of contrast-enhanced ultrasound?. <i>European Journal of Radiology</i> , 2009 , 71, 237-41	4.7	24
188	Does the Functional Liver Imaging Score Derived from Gadoteric Acid-enhanced MRI Predict Outcomes in Chronic Liver Disease?. <i>Radiology</i> , 2020 , 294, 98-107	20.5	23
187	Dual energy computerized tomography with a split bolus-a 1-stop shop for patients with suspected urinary stones?. <i>Journal of Urology</i> , 2014 , 191, 792-7	2.5	22
186	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [F]FDG-PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26733	3	22
185	Impact of ambient light and window settings on the detectability of catheters on soft-copy display of chest radiographs at bedside. <i>American Journal of Roentgenology</i> , 2003 , 181, 1415-21	5.4	21
184	MRA of the lower extremities in patients with pulmonary embolism using a blood pool contrast agent: initial experience. <i>Journal of Magnetic Resonance Imaging</i> , 2002 , 15, 429-37	5.6	20
183	Diagnostic accuracy of (18)F-FDG PET/CT compared with that of contrast-enhanced MRI of the breast at 3 T. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 1656-1665	8.8	19
182	Forceps versus snare polypectomies in colorectal cancer screening: are we adhering to the guidelines?. <i>Endoscopy</i> , 2015 , 47, 898-902	3.4	19

181	Feasibility of texture analysis for the assessment of biochemical changes in meniscal tissue on T1 maps calculated from delayed gadolinium-enhanced magnetic resonance imaging of cartilage data: comparison with conventional relaxation time measurements. <i>Investigative Radiology</i> , 2010 , 45, 543-7	10.1	19
180	Lossy three-dimensional JPEG2000 compression of abdominal CT images: assessment of the visually lossless threshold and effect of compression ratio on image quality. <i>Radiology</i> , 2007 , 245, 467-74 ^{20.5}		19
179	Comparison of liquid crystal versus cathode ray tube display for the detection of simulated chest lesions. <i>European Radiology</i> , 2005 , 15, 1472-6	8	19
178	Microvessel ultrasound of neonatal brain parenchyma: feasibility, reproducibility, and normal imaging features by superb microvascular imaging (SMI). <i>European Radiology</i> , 2019 , 29, 2127-2136	8	19
177	Echo-planar FLAIR Sequence Improves Subplate Visualization in Fetal MRI of the Brain. <i>Radiology</i> , 2019 , 292, 159-169	20.5	18
176	Predicting medical complications in spine surgery: evaluation of a novel online risk calculator. <i>European Spine Journal</i> , 2018 , 27, 2449-2456	2.7	18
175	Multiparametric MR Imaging Depicts Glycosaminoglycan Change in the Achilles Tendon during Ciprofloxacin Administration in Healthy Men: Initial Observation. <i>Radiology</i> , 2015 , 275, 763-71	20.5	18
174	Three-dimensional fracture visualisation of multidetector CT of the skull base in trauma patients: comparison of three reconstruction algorithms. <i>European Radiology</i> , 2009 , 19, 2416-24	8	18
173	Tumour response of osteosarcoma to neoadjuvant chemotherapy evaluated by magnetic resonance imaging as prognostic factor for outcome. <i>International Orthopaedics</i> , 2015 , 39, 97-104	3.8	17
172	Reproducibility and regional variations of an improved gagCEST protocol for the in vivo evaluation of knee cartilage at 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016 , 29, 513-21 ^{2.8}		17
171	Quantification of lower leg arterial calcifications by high-resolution peripheral quantitative computed tomography. <i>Bone</i> , 2014 , 58, 42-7	4.7	17
170	Computer-aided detection of small pulmonary nodules in chest radiographs: an observer study. <i>Academic Radiology</i> , 2011 , 18, 1507-14	4.3	17
169	Forebrain development in fetal MRI: evaluation of anatomical landmarks before gestational week 27. <i>Neuroradiology</i> , 2010 , 52, 495-504	3.2	17
168	Direct detector radiography versus dual reading computed radiography: feasibility of dose reduction in chest radiography. <i>European Radiology</i> , 2006 , 16, 1544-50	8	17
167	Computed radiography and direct radiography: influence of acquisition dose on the detection of simulated lung lesions. <i>Investigative Radiology</i> , 2005 , 40, 249-56	10.1	17
166	Accuracy, precision and inter-rater reliability of micro-CT analysis of false starts on bones. A preliminary validation study. <i>Legal Medicine</i> , 2017 , 29, 38-43	1.9	16
165	Hand MRI and the Greulich-Pyle atlas in skeletal age estimation in adolescents. <i>Skeletal Radiology</i> , 2018 , 47, 963-971	2.7	16
164	Normalized STEAM-based diffusion tensor imaging provides a robust assessment of muscle tears in football players: preliminary results of a new approach to evaluate muscle injuries. <i>European Radiology</i> , 2018 , 28, 2882-2889	8	16

163	Quantitative Assessment of Breast Parenchymal Uptake on 18F-FDG PET/CT: Correlation with Age, Background Parenchymal Enhancement, and Amount of Fibroglandular Tissue on MRI. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1518-1522	8.9	16
162	Intramuscular distribution of botulinum toxin--visualized by MRI. <i>Journal of the Neurological Sciences</i> , 2014 , 344, 76-9	3.2	16
161	MR-based morphometry of the posterior fossa in fetuses with neural tube defects of the spine. <i>PLoS ONE</i> , 2014 , 9, e112585	3.7	16
160	Computer-aided detection of colorectal polyps in CT colonography with and without fecal tagging: a stand-alone evaluation. <i>Investigative Radiology</i> , 2012 , 47, 99-108	10.1	16
159	Skeletal applications for flat-panel versus storage-phosphor radiography: effect of exposure on detection of low-contrast details. <i>Radiology</i> , 2004 , 231, 506-14	20.5	16
158	Effect of staff training on radiation dose in pediatric CT. <i>European Journal of Radiology</i> , 2015 , 84, 1574-1578	15	15
157	Regional heterogeneity of air trapping at expiratory thin-section CT of patients with bronchiolitis: potential implications for dose reduction and CT protocol planning. <i>Radiology</i> , 2008 , 247, 862-70	20.5	15
156	Comparison of expandable electrodes in percutaneous radiofrequency ablation of renal cell carcinoma. <i>European Journal of Radiology</i> , 2006 , 59, 133-9	4.7	15
155	Quantitative in vivo proton MR spectroscopic assessment of lipid metabolism: Value for breast cancer diagnosis and prognosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 239-249	5.6	15
154	Can Interim 18F-FDG PET or Diffusion-Weighted MRI Predict End-of-Treatment Outcome in FDG-Avid MALT Lymphoma After Rituximab-Based Therapy?: A Preliminary Study in 15 Patients. <i>Clinical Nuclear Medicine</i> , 2016 , 41, 837-843	1.7	14
153	Does Delayed-Time-Point Imaging Improve 18F-FDG-PET in Patients With MALT Lymphoma?: Observations in a Series of 13 Patients. <i>Clinical Nuclear Medicine</i> , 2016 , 41, 101-5	1.7	14
152	Fetal diffusion tensor quantification of brainstem pathology in Chiari II malformation. <i>European Radiology</i> , 2016 , 26, 1274-83	8	13
151	Ultra-early response assessment in lymphoma treatment: [F]FDG PET/MR captures changes in glucose metabolism and cell density within the first 72 hours of treatment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 931-940	8.8	13
150	Risk of inferior vena cava compression syndrome during fetal MRI in the supine position - a retrospective analysis. <i>Journal of Perinatal Medicine</i> , 2014 , 42, 301-6	2.7	13
149	Are contrast media required for (68)Ga-DOTATOC PET/CT in patients with neuroendocrine tumours of the abdomen?. <i>European Radiology</i> , 2012 , 22, 938-46	8	13
148	Stenosis quantification of coronary arteries in coronary vessel phantoms with second-generation dual-source CT: influence of measurement parameters and limitations. <i>American Journal of Roentgenology</i> , 2013 , 201, W227-34	5.4	13
147	Quantification of the subcutaneous fat layer with MRI in fetuses of healthy mothers with no underlying metabolic disease vs. fetuses of diabetic and obese mothers. <i>Journal of Perinatal Medicine</i> , 2011 , 40, 179-84	2.7	13
146	Magnetic resonance imaging of the fetal efferent lacrimal pathways. <i>European Radiology</i> , 2010 , 20, 1965-73	13	13

145	Cortical porosity not superior to conventional densitometry in identifying hemodialysis patients with fragility fracture. <i>PLoS ONE</i> , 2017 , 12, e0171873	3.7	13
144	Aggressive nutrition in extremely low birth weight infants: impact on parenteral nutrition associated cholestasis and growth. <i>PeerJ</i> , 2016 , 4, e2483	3.1	13
143	Effectiveness evaluation of a health promotion programme in primary schools: a cluster randomised controlled trial. <i>BMC Public Health</i> , 2016 , 16, 679	4.1	13
142	C-arm CT during hepatic arteriography tumour-to-liver contrast: intraindividual comparison of three different contrast media application protocols. <i>European Radiology</i> , 2013 , 23, 938-42	8	12
141	Hepatic steatosis assessment with 1H-spectroscopy and chemical shift imaging at 3.0 T before hepatic surgery: reliable enough for making clinical decisions?. <i>European Journal of Radiology</i> , 2012 , 81, 2990-5	4.7	12
140	Contrast-enhanced MR imaging of hand and finger joints in patients with early rheumatoid arthritis: do we really need a full dose of gadobenate dimeglumine for assessing synovial enhancement at 3 T?. <i>Radiology</i> , 2013 , 268, 161-9	20.5	12
139	Human long bone development in vivo: analysis of the distal femoral epimetaphysis on MR images of fetuses. <i>Radiology</i> , 2013 , 267, 570-80	20.5	12
138	Diffusion tensor MR imaging (DTI) metrics in the cervical spinal cord in asymptomatic HIV-positive patients. <i>Neuroradiology</i> , 2011 , 53, 585-92	3.2	12
137	Gray-scale reversal for the detection of pulmonary nodules on a PACS workstation. <i>American Journal of Roentgenology</i> , 2011 , 197, 1096-100	5.4	12
136	The emotional impact of genetic testing and aspects of counseling prior to prescription of oral contraceptives. <i>Contraception</i> , 2008 , 78, 392-8	2.5	12
135	[18F]FDG-PET/CT Radiomics for Prediction of Bone Marrow Involvement in Mantle Cell Lymphoma: A Retrospective Study in 97 Patients. <i>Cancers</i> , 2020 , 12,	6.6	12
134	Cartilage evaluation with biochemical MR imaging using in vivo Knee compression at 3T-comparison of patients after cartilage repair with healthy volunteers. <i>Journal of Biomechanics</i> , 2015 , 48, 3349-55	2.9	11
133	Biochemical analysis of the articular disc of the temporomandibular joint with magnetic resonance T2 mapping: a feasibility study. <i>Clinical Oral Investigations</i> , 2014 , 18, 1865-71	4.2	11
132	Rapid detection of bone metastasis at thoracoabdominal CT: accuracy and efficiency of a new visualization algorithm. <i>Radiology</i> , 2014 , 270, 825-33	20.5	11
131	Three-dimensional texture analysis of contrast enhanced CT images for treatment response assessment in Hodgkin lymphoma: comparison with F-18-FDG PET. <i>Medical Physics</i> , 2014 , 41, 121904	4.4	11
130	Magnetic resonance imaging of the fetal gallbladder and bile. <i>European Radiology</i> , 2010 , 20, 2862-9	8	11
129	Lossy 3D JPEG2000 compression of abdominal CT images in patients with acute abdominal complaints: effect of compression ratio on diagnostic confidence and accuracy. <i>Radiology</i> , 2008 , 248, 476-84	20.5	11
128	Intra-session and inter-subject variability of 3D-FID-MRSI using single-echo volumetric EPI navigators at 3T. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1920-1929	4.4	11

127	Diffusion Tensor Imaging of Healthy Skeletal Muscles: A Comparison Between 7 T and 3 T. <i>Investigative Radiology</i> , 2019 , 54, 48-54	10.1	11
126	Synthetic 2-Dimensional Mammography Can Replace Digital Mammography as an Adjunct to Wide-Angle Digital Breast Tomosynthesis. <i>Investigative Radiology</i> , 2019 , 54, 83-88	10.1	10
125	Visual and semiquantitative 11C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018 , 20, 411-419	1	10
124	Dual-energy CT and ceramic or titanium prostheses material reduce CT artifacts and provide superior image quality of total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 1552-1561	5.5	10
123	High-resolution peripheral quantitative CT imaging: Cortical porosity, poor trabecular bone microarchitecture, and low bone strength in lung transplant recipients. <i>Radiology</i> , 2015 , 274, 473-81	20.5	10
122	Computed tomography pulmonary angiography in acute pulmonary embolism: the effect of a computer-assisted detection prototype used as a concurrent reader. <i>Journal of Thoracic Imaging</i> , 2013 , 28, 315-21	5.6	10
121	Magnetic field interactions of copper-containing intrauterine devices in 3.0-Tesla magnetic resonance imaging: in vivo study. <i>Korean Journal of Radiology</i> , 2013 , 14, 416-22	6.9	10
120	Prospective evaluation of high-resolution MRI using gadofosveset for stent-graft planning: comparison with CT angiography in 30 patients. <i>American Journal of Roentgenology</i> , 2011 , 197, 1251-7	5.4	10
119	Placental magnetic resonance imaging in monozygotic twin pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25, 1419-22	2	10
118	CXCR4 PET imaging of mantle cell lymphoma using [Ga]Pentixafor: comparison with [F]FDG-PET. <i>Theranostics</i> , 2021 , 11, 567-578	12.1	10
117	Relevance of calcitonin cut-off in the follow-up of medullary thyroid carcinoma for conventional imaging and 18-fluorine-fluorodihydroxyphenylalanine PET. <i>Anticancer Research</i> , 2014 , 34, 6647-54	2.3	10
116	Influence of PET reconstruction technique and matrix size on qualitative and quantitative assessment of lung lesions on [18F]-FDG-PET: A prospective study in 37 cancer patients. <i>European Journal of Radiology</i> , 2017 , 90, 20-26	4.7	9
115	A BMI-adjusted ultra-low-dose CT angiography protocol for the peripheral arteries-Image quality, diagnostic accuracy and radiation exposure. <i>European Journal of Radiology</i> , 2017 , 93, 149-156	4.7	9
114	Transformed mucosa-associated lymphoid tissue lymphomas: A single institution retrospective study including polymerase chain reaction-based clonality analysis. <i>British Journal of Haematology</i> , 2019 , 186, 448-459	4.5	9
113	SyMRI detects delayed myelination in preterm neonates. <i>European Radiology</i> , 2019 , 29, 7063-7072	8	9
112	Improved detection of in-stent restenosis by blood pool agent-enhanced, high-resolution, steady-state magnetic resonance angiography. <i>European Radiology</i> , 2011 , 21, 2158-65	8	9
111	Gadolinium diethylenetriaminepentaacetate enhancement kinetics in the menisci of asymptomatic subjects: a first step towards a dedicated dGEMRIC (delayed gadolinium-enhanced MRI of cartilage)-like protocol for biochemical imaging of the menisci. <i>NMR in Biomedicine</i> , 2011 , 24, 1210-5	4.4	9
110	Evaluation of [18F]-FDG-Based Hybrid Imaging Combinations for Assessment of Bone Marrow Involvement in Lymphoma at Initial Staging. <i>PLoS ONE</i> , 2016 , 11, e0164118	3.7	9

109	Influence of Contrast Media on Bone Mineral Density (BMD) Measurements from Routine Contrast-Enhanced MDCT Datasets using a Phantom-less BMD Measurement Tool. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017 , 189, 537-543	2.3	8
108	Validation of a composed COVID-19 chest radiography score: the CARE project. <i>ERJ Open Research</i> , 2020 , 6,	3.5	8
107	Predictive factors for metal ion levels in metal-on-metal total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018 , 138, 281-286	3.6	8
106	TrueFisp versus HASTE sequences in 3T cine MRI: Evaluation of image quality during phonation in patients with velopharyngeal insufficiency. <i>European Radiology</i> , 2016 , 26, 2892-8	8	8
105	Optimized cartilage visualization using 7-T sodium (²³ Na) imaging after patella dislocation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016 , 24, 1601-9	5.5	8
104	Optimizing the MRI protocol of the sacroiliac joints in Spondyloarthritis: which para-axial sequence should be used?. <i>European Radiology</i> , 2016 , 26, 122-9	8	8
103	CT colonography: effect of computer-aided detection of colonic polyps as a second and concurrent reader for general radiologists with moderate experience in CT colonography. <i>European Radiology</i> , 2014 , 24, 1466-76	8	8
102	Male genital abnormalities in intrauterine growth restriction. <i>Prenatal Diagnosis</i> , 2012 , 32, 427-31	3.2	8
101	Intracranial hematomas at a glance: advanced visualization for fast and easy detection. <i>Radiology</i> , 2013 , 267, 522-30	20.5	8
100	Comparison of axial, coronal, and primary 3D review in MDCT colonography for the detection of small polyps: a phantom study. <i>European Journal of Radiology</i> , 2009 , 70, 86-93	4.7	8
99	In vitro imaging of coronary artery stents: are there differences between 16- and 64-slice CT scanners?. <i>European Journal of Radiology</i> , 2008 , 68, 465-70	4.7	8
98	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2- Early Invasive Breast Cancer: a Molecular Imaging Study Using [F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019 , 21, 991-1002	3.8	7
97	Developmental dynamics of the periventricular parietal crossroads of growing cortical pathways in the fetal brain - In vivo fetal MRI with histological correlation. <i>NeuroImage</i> , 2020 , 210, 116553	7.9	7
96	Correlation between glycolytic activity on [18F]-FDG-PET and cell density on diffusion-weighted MRI in lymphoma at staging. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 1217-1226	5.6	7
95	Comparison of videofluoroscopy and impedance planimetry for the evaluation of oesophageal stenosis: a retrospective study. <i>European Radiology</i> , 2017 , 27, 1760-1767	8	7
94	Characteristics, impact and treatment of 6000 headache attacks: the PAMINA study. <i>European Journal of Pain</i> , 2011 , 15, 205-12	3.7	7
93	Detection of monitoring materials on bedside chest radiographs with the most recent generation of storage phosphor plates: dose increase does not improve detection performance. <i>Radiology</i> , 2003 , 227, 216-21	20.5	7
92	Similarities in trabecular hypertrophy with site-specific differences in cortical morphology between men and women with type 2 diabetes mellitus. <i>PLoS ONE</i> , 2017 , 12, e0174664	3.7	7

91	Pouch volume and pouch migration after Roux-en-Y gastric bypass: a comparison of gastroscopy and 3 D-CT volumetry: is there a "migration crisis"?. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 1902-1908	3	7
90	Motion artifacts, lesion type, and parenchymal enhancement in breast MRI: what does really influence diagnostic accuracy?. <i>Acta Radiologica</i> , 2019 , 60, 19-27	2	7
89	Clinical implementation of accelerated T mapping: Quantitative magnetic resonance imaging as a biomarker for annular tear and lumbar disc herniation. <i>European Radiology</i> , 2021 , 31, 3590-3599	8	7
88	Pre-Therapeutic Total Lesion Glycolysis on [F]FDG-PET Enables Prognostication of 2-Year Progression-Free Survival in MALT Lymphoma Patients Treated with CD20-Antibody-Based Immunotherapy. <i>Molecular Imaging and Biology</i> , 2019 , 21, 1192-1199	3.8	6
87	Underdevelopment of the Human Hippocampus in Callosal Agenesis: An In Vivo Fetal MRI Study. <i>American Journal of Neuroradiology</i> , 2019 , 40, 576-581	4.4	6
86	Decreased Compressional Sound Velocity Is an Indicator for Compromised Bone Stiffness in X-Linked Hypophosphatemic Rickets (XLH). <i>Frontiers in Endocrinology</i> , 2020 , 11, 355	5.7	6
85	Vertebral Bone Marrow and Endplate Assessment on MR Imaging for the Differentiation of Modic Type 1 Endplate Changes and Infectious Spondylodiscitis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
84	Femoropatellar Joint Reaction Detected During a 4486 KM Ultramarathon with Mobile MRI. <i>International Journal of Sports Medicine</i> , 2020 , 41, 398-411	3.6	6
83	Serum concentration of integrin-linked kinase in malignant pleural mesothelioma and after asbestos exposure. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 940-5	3	6
82	Quality of life in patients with idiopathic subclavian vein thrombosis. <i>Thrombosis Research</i> , 2010 , 125, 25-8	8.2	6
81	Evaluation of coronary stents with 64-MDCT: in vitro comparison of scanners from four vendors. <i>American Journal of Roentgenology</i> , 2009 , 193, 787-94	5.4	6
80	Parallel imaging of the cervical spine at 3T: optimized trade-off between speed and image quality. <i>American Journal of Neuroradiology</i> , 2012 , 33, 1867-74	4.4	6
79	Contrast-enhanced high-resolution magnetic resonance imaging of autologous cartilage implants of the knee joint. <i>Magnetic Resonance Imaging</i> , 2005 , 23, 739-44	3.3	6
78	T2 mapping with 3.0 T MRI of the temporomandibular joint disc of patients with disc dislocation. <i>Magnetic Resonance Imaging</i> , 2019 , 58, 125-134	3.3	6
77	Prediction of Lumbar Disk Herniation and Clinical Outcome Using Quantitative Magnetic Resonance Imaging: A 5-Year Follow-Up Study. <i>Investigative Radiology</i> , 2019 , 54, 183-189	10.1	6
76	Swallowing MRI-a reliable method for the evaluation of the postoperative gastroesophageal situs after Nissen fundoplication. <i>European Radiology</i> , 2019 , 29, 4400-4407	8	6
75	Variability of computed tomography radiomics features of fibrosing interstitial lung disease: A test-retest study. <i>Methods</i> , 2021 , 188, 98-104	4.6	6
74	Maxillary dental arch biometry: assessment with fetal MR imaging. <i>Prenatal Diagnosis</i> , 2012 , 32, 530-5	3.2	5

73	Observer training for computer-aided detection of pulmonary nodules in chest radiography. <i>European Radiology</i> , 2012 , 22, 1659-64	8	5
72	Fetal MRI for prediction of neonatal mortality following preterm premature rupture of the fetal membranes. <i>Pediatric Radiology</i> , 2011 , 41, 1416-20	2.8	5
71	Which MR sequences should we use for the reliable detection and localization of bone marrow edema in spondyloarthritis?. <i>Radiologia Medica</i> , 2017 , 122, 752-760	6.5	4
70	Low-Dose, Contrast-Enhanced Mammography Compared to Contrast-Enhanced Breast MRI: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 589-595	5.6	4
69	Weighted Mean of Signal Intensity for Unbiased Fiber Tracking of Skeletal Muscles: Development of a New Method and Comparison With Other Correction Techniques. <i>Investigative Radiology</i> , 2017 , 52, 488-497	10.1	4
68	Delayed gadolinium-enhanced MRI of the fibrocartilage disc of the temporomandibular joint--a feasibility study. <i>Magnetic Resonance Imaging</i> , 2014 , 32, 1223-9	3.3	4
67	Teleradiology with uncompressed digital mammograms: clinical assessment. <i>European Journal of Radiology</i> , 2013 , 82, 412-6	4.7	4
66	Dynamic telecytologic evaluation of imprint cytology samples from CT-guided lung biopsies: a feasibility study. <i>European Radiology</i> , 2011 , 21, 1922-7	8	4
65	Automatic assessment of the knee alignment angle on full-limb radiographs. <i>European Journal of Radiology</i> , 2010 , 74, 236-40	4.7	4
64	Comparison of 5-megapixel cathode ray tube monitors and 5-megapixel liquid crystal monitors for soft-copy reading in full-field digital mammography. <i>European Journal of Radiology</i> , 2010 , 76, 68-72	4.7	4
63	Potential predictive value of axial T2 mapping at 3 Tesla MRI in patients with untreated patellar cartilage defects over a mean follow-up of four years. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 215-222	6.2	4
62	Accelerated T2 Mapping of the Lumbar Intervertebral Disc: Highly Undersampled K-Space Data for Robust T2 Relaxation Time Measurement in Clinically Feasible Acquisition Times. <i>Investigative Radiology</i> , 2020 , 55, 695-701	10.1	4
61	Volumetric histograms-based analysis of apparent diffusion coefficients and standard uptake values for the assessment of pediatric sarcoma at staging: preliminary results of a PET/MRI study. <i>Radiologia Medica</i> , 2021 , 126, 878-885	6.5	4
60	Evaluation of the Temporal Muscle Thickness as an Independent Prognostic Biomarker in Patients with Primary Central Nervous System Lymphoma. <i>Cancers</i> , 2021 , 13,	6.6	4
59	Crohn's disease: prevalence, MR features, and clinical significance of enteric and colonic sinus tracts. <i>European Radiology</i> , 2020 , 30, 5358-5366	8	3
58	Validity of SyMRI for Assessment of the Neonatal Brain. <i>Clinical Neuroradiology</i> , 2021 , 31, 315-323	2.7	3
57	Optimizing MR imaging for intraoperative image guidance in sellar pathologies. <i>Pituitary</i> , 2020 , 23, 266-272	4.3	3
56	Does elevated glucose metabolism correlate with higher cell density in Neurofibromatosis type 1 associated peripheral nerve sheath tumors?. <i>PLoS ONE</i> , 2017 , 12, e0189093	3.7	3

55	Morning headaches, daytime functioning and sleep problems--a population-based controlled study. <i>Wiener Klinische Wochenschrift</i> , 2010 , 122, 579-83	2.3	3
54	Comparison of an automatic versus a semiautomatic mode for gray-scale adaptation for digital chest radiography. <i>Investigative Radiology</i> , 2004 , 39, 325-33	10.1	3
53	Low-dose high-pitch CT angiography of the supraaortic arteries using sinogram-affirmed iterative reconstruction. <i>PLoS ONE</i> , 2014 , 9, e99832	3.7	3
52	Abnormal Extracardiac Development in Fetuses With Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2312-2322	15.1	3
51	Muscle-Specific Relation of Acetylcarnitine and Intramyocellular Lipids to Chronic Hyperglycemia: A Pilot 3-T H MRS Study. <i>Obesity</i> , 2020 , 28, 1405-1411	8	3
50	Whole-Body [F]FDG-PET/MRI vs. [F]FDG-PET/CT in Malignant Melanoma. <i>Molecular Imaging and Biology</i> , 2020 , 22, 739-744	3.8	3
49	Compositional magnetic resonance imaging in the evaluation of the intervertebral disc: Axial vs sagittal T mapping. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 2057-2064	3.8	3
48	CT colonography: size reduction of submerged colorectal polyps due to electronic cleansing and CT-window settings. <i>European Radiology</i> , 2018 , 28, 4766-4774	8	3
47	Clinical Value of 18F-fluorodihydroxyphenylalanine Positron Emission Tomography/Contrast-enhanced Computed Tomography (18F-DOPA PET/CT) in Patients with Suspected Paraganglioma. <i>Anticancer Research</i> , 2016 , 36, 4187-93	2.3	3
46	Early detection of lung function decrements in children and adolescents with cystic fibrosis using new reference values. <i>Wiener Klinische Wochenschrift</i> , 2017 , 129, 533-539	2.3	2
45	Is there a reliable size cut-off for splenic involvement in lymphoma? A [18F]FDG-PET controlled study. <i>PLoS ONE</i> , 2019 , 14, e0213551	3.7	2
44	New hybrid reformations of peripheral CT angiography: do we still need axial images?. <i>Clinical Imaging</i> , 2015 , 39, 603-7	2.7	2
43	Placental pathologies on fetal MRI are associated with high impairment rates: a prospective long-term outcome study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 1219-23	2	2
42	Sarcopenia in juvenile localized scleroderma: new insights on deep involvement. <i>European Radiology</i> , 2020 , 30, 4091-4097	8	2
41	Lumbar Intervertebral Disc Degeneration as a Common Incidental Finding in Young Pregnant Women as Observed on Prenatal Magnetic Resonance Imaging. <i>Journal of Womens Health</i> , 2020 , 29, 713-720	3	2
40	DWI-MRI vs CT in gastric MALT lymphoma-preliminary results in 19 patients. <i>British Journal of Radiology</i> , 2018 , 20180263	3.4	2
39	The early prediction of neonatal morbidity and mortality in singleton small for gestational age infants with a birthweight . <i>Wiener Klinische Wochenschrift</i> , 2013 , 125, 386-92	2.3	2
38	Can Cut-Off-Values for Tumor Size or Patient Age in Breast Ultrasound Reduce Unnecessary Biopsies or is it all About Bi-rads?- A Retrospective Analysis of 763 Biopsied T1-Sized Lesions. <i>Ultrasound International Open</i> , 2017 , 3, E94-E98	2.1	2

37	Multipath Curved Planar Reformations of Peripheral CT Angiography: Diagnostic Accuracy and Time Efficiency. <i>CardioVascular and Interventional Radiology</i> , 2018 , 41, 718-725	2.7	2
36	Time-efficient CT colonography interpretation using an advanced image-gallery-based, computer-aided "first-reader" workflow for the detection of colorectal adenomas. <i>European Radiology</i> , 2012 , 22, 2768-79	8	2
35	Feasibility of dose reduction using needle-structured image plates versus powder-structured plates for computed radiography of the knee. <i>American Journal of Roentgenology</i> , 2011 , 197, W318-23	5.4	2
34	Two K versus 4 K storage phosphor chest radiography: detection performance and image quality. <i>European Radiology</i> , 2007 , 17, 2934-40	8	2
33	Fetal eye movements on magnetic resonance imaging. <i>PLoS ONE</i> , 2013 , 8, e77439	3.7	2
32	Temporal Muscle Thickness as a Prognostic Marker in Patients with Newly Diagnosed Glioblastoma: Translational Imaging Analysis of the CENTRIC EORTC 26071-22072 and CORE Trials. <i>Clinical Cancer Research</i> , 2021 ,	12.9	2
31	When an incidental MRI finding becomes a clinical issue : Posterior lumbar subcutaneous edema in degenerative, inflammatory, and infectious conditions of the lumbar spine. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 27-34	2.3	2
30	The role of radiological and hybrid imaging for muscle metastases: a systematic review. <i>European Radiology</i> , 2020 , 30, 2209-2219	8	2
29	Pharyngeal carriage rates of Neisseria meningitidis in health care professionals at a tertiary university pediatric hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 1703-1709	5.3	2
28	Whole-body magnetic resonance imaging in inflammatory diseases: Where are we now? Results of an International Survey by the European Society of Musculoskeletal Radiology. <i>European Journal of Radiology</i> , 2021 , 136, 109533	4.7	2
27	The Prenatal Origins of Human Brain Asymmetry: Lessons Learned from a Cohort of Fetuses with Body Lateralization Defects. <i>Cerebral Cortex</i> , 2021 , 31, 3713-3722	5.1	2
26	Diagnostic Role of PET/CT Tracers in the Detection and Localization of Tumours Responsible for Ectopic Cushing's Syndrome. <i>Anticancer Research</i> , 2021 , 41, 2477-2484	2.3	2
25	Intra-class and inter-class tool discrimination through micro-CT analysis of false starts on bone. <i>International Journal of Legal Medicine</i> , 2020 , 134, 1023-1032	3.1	2
24	Diagnostic quality of 3Tesla postmortem magnetic resonance imaging in fetuses with and without congenital heart disease. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 225, 189.e1-189.e30	6.4	2
23	CXCR4 PET/MRI for follow-up of gastric mucosa-associated lymphoid tissue lymphoma after first-line H. pylori eradication. <i>Blood</i> , 2021 ,	2.2	2
22	Reliability of the MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 knee score for different cartilage repair techniques-a retrospective observational study. <i>European Radiology</i> , 2021 , 31, 5734-5745	8	2
21	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using F-FDG-PET/CT and F-NaF-PET/CT. <i>Anticancer Research</i> , 2019 , 39, 1943-1952	2.3	1
20	Evaluation of radiological instability signs in the distal radioulnar joint in children and adolescents with arthroscopically-verified TFCC tears. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020 , 140, 993-999 ^{3,6}	3.6	1

19	Needle image plates compared to conventional CR in chest radiography: is dose reduction possible?. <i>European Journal of Radiology</i> , 2012 , 81, 4156-60	4.7	1
18	Beyond Isolated and Associated: A Novel Fetal MR Imaging-Based Scoring System Helps in the Prenatal Prognostication of Callosal Agenesis. <i>American Journal of Neuroradiology</i> , 2021 , 42, 782-786	4.4	1
17	Tissue Sodium Concentration Quantification at 7.0-T MRI as an Early Marker for Chemotherapy Response in Breast Cancer: A Feasibility Study. <i>Radiology</i> , 2021 , 299, 63-72	20.5	1
16	Student Perceptions of Instructional Ultrasound Videos as Preparation for a Practical Assessment. <i>Ultrasound International Open</i> , 2019 , 5, E81-E88	2.1	1
15	Impact of Prematurity on the Tissue Properties of the Neonatal Brain Stem: A Quantitative MR Approach. <i>American Journal of Neuroradiology</i> , 2021 , 42, 581-589	4.4	1
14	Clinical and magnetic resonance imaging features of children, adolescents, and adults with a clinically isolated syndrome. <i>European Journal of Paediatric Neurology</i> , 2018 , 22, 1087-1094	3.8	1
13	Characterization of the Hyperintense Bronchus Sign as a Fetal MRI Marker of Airway Obstruction. <i>Radiology</i> , 2021 , 300, 423-430	20.5	1
12	Mapping Human Fetal Brain Maturation In Vivo Using Quantitative MRI. <i>American Journal of Neuroradiology</i> , 2021 , 42, 2086-2093	4.4	1
11	Renal and Salivary Gland Functions after Three Cycles of PSMA-617 Therapy Every Four Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. <i>Current Oncology</i> , 2021 , 28, 3692-3704	2.8	1
10	Brainstem and cerebellar volumes at MRI are smaller in fetuses with congenital heart disease.. <i>American Journal of Obstetrics and Gynecology</i> , 2022 ,	6.4	1
9	The Effects of Hemodynamic Alterations on Lung Volumes in Fetuses with Tetralogy of Fallot: An MRI Study. <i>Pediatric Cardiology</i> , 2015 , 36, 1287-93	2.1	0
8	Short dementia questionnaire for assessing the severity of cognitive impairment in patients with dementia. <i>Drugs of Today</i> , 2001 , 37, 691-696		0
7	Do elevated autoantibodies in patients with multiple sclerosis matter?. <i>Acta Neurologica Scandinavica</i> , 2019 , 139, 238-246	3.8	0
6	One view or two views for wide-angle tomosynthesis with synthetic mammography in the assessment setting?. <i>European Radiology</i> , 2022 , 32, 661-670	8	0
5	Evaluation of the Q2NOE Water Schools Programme to promote water consumption in elementary schoolchildren: a non-randomised controlled cluster trial. <i>Public Health Nutrition</i> , 2021 , 1-11	3.3	0
4	Streptococcus pneumoniae colonization in health care professionals at a tertiary university pediatric hospital.. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022 , 1	5.3	0
3	Denervation Dynamics After Intramuscular BNT Injection in Patients With Focal Spasticity Monitored by MRI and Dynamometry-a Blinded Randomized Controlled Pilot Study. <i>Frontiers in Neurology</i> , 2021 , 12, 719030	4.1	
2	Performance of a new natural oral contrast agent (LumiVision [®]) in dynamic MR swallowing. <i>European Radiology</i> , 2021 , 31, 8578-8585	8	

- 1 High-resolution ultrasound demonstrates in vivo effects of wrist movement on the median nerve along the forearm. *Muscle and Nerve*, **2021**, 64, 585-589

34