

# Michael Weber Mag

## List of Publications by Year in descending order

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295  
papers

9,823  
citations

39113

52  
h-index

68831

81  
g-index

296  
all docs

296  
docs citations

296  
times ranked

11905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow expansion of multiple sclerosis iron rim lesions: pathology and 7T magnetic resonance imaging. <i>Acta Neuropathologica</i> , 2017, 133, 25-42.	3.9	315
2	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, 341-351.	3.6	262
3	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, 1128-1135.	0.8	252
4	CT Angiography of Pulmonary Arteries to Detect Pulmonary Embolism: Improvement of Vascular Enhancement with Low Kilovoltage Settings. <i>Radiology</i> , 2006, 241, 899-907.	3.6	240
5	In utero tractography of fetal white matter development. <i>NeuroImage</i> , 2008, 43, 213-224.	2.1	198
6	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.	3.6	180
7	Occult Scaphoid Fractures: Comparison of Multidetector CT and MR Imaging—Initial Experience. <i>Radiology</i> , 2006, 240, 169-176.	3.6	174
8	The Prenatal Origin of Hemispheric Asymmetry: An In Utero Neuroimaging Study. <i>Cerebral Cortex</i> , 2011, 21, 1076-1083.	1.6	164
9	US-guided 14-gauge Core-Needle Breast Biopsy: Results of a Validation Study in 1352 Cases. <i>Radiology</i> , 2008, 248, 406-413.	3.6	142
10	Virtual non-contrast in second-generation, dual-energy computed tomography: Reliability of attenuation values. <i>European Journal of Radiology</i> , 2012, 81, e398-e405.	1.2	138
11	Endurance Exercise Training in Orthostatic Intolerance. <i>Hypertension</i> , 2005, 45, 391-398.	1.3	132
12	Diffusion-Weighted Imaging With Apparent Diffusion Coefficient Mapping for Breast Cancer Detection as a Stand-Alone Parameter. <i>Investigative Radiology</i> , 2018, 53, 587-595.	3.5	130
13	Sclerostin serum levels correlate positively with bone mineral density and microarchitecture in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 226-230.	0.4	129
14	Long-term evolution of multiple sclerosis iron rim lesions in 7 T MRI. <i>Brain</i> , 2021, 144, 833-847.	3.7	126
15	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, 421-430.	3.5	107
16	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, 1791-1802.	2.3	106
17	A Combined High Temporal and High Spatial Resolution 3 Tesla MR Imaging Protocol for the Assessment of Breast Lesions. <i>Investigative Radiology</i> , 2009, 44, 553-558.	3.5	104
18	Soft Tissue Tumors in Adults: ESSR-Approved Guidelines for Diagnostic Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2015, 19, 475-482.	0.4	103

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19	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, 2984-2993.	3.2	100
20	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, 6144-6152.	3.2	99
21	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.	3.3	98
22	Disrupted cerebellar development in preterm infants is associated with impaired neurodevelopmental outcome. <i>European Journal of Pediatrics</i> , 2008, 167, 1141-1147.	1.3	95
23	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2021, 13, 571S-587S.	1.4	95
24	Texture-based and diffusion-weighted discrimination of parotid gland lesions on MR images at 3.0 Tesla. <i>NMR in Biomedicine</i> , 2013, 26, 1372-1379.	1.6	94
25	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.	3.5	87
26	Long-term results 8 years after autologous osteochondral transplantation: 7T gagCEST and sodium magnetic resonance imaging with morphological and clinical correlation. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 357-363.	0.6	86
27	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, 317-323.	1.2	85
28	Improved Differentiation of Benign and Malignant Breast Tumors with Multiparametric 18F-fluorodeoxyglucose Positron Emission Tomography Magnetic Resonance Imaging: A Feasibility Study. <i>Clinical Cancer Research</i> , 2014, 20, 3540-3549.	3.2	82
29	Lumbar intervertebral disc abnormalities: comparison of quantitative T2 mapping with conventional MR at 3.0T. <i>European Radiology</i> , 2010, 20, 2715-2722.	2.3	81
30	Bone Microarchitecture in Hemodialysis Patients Assessed by HR-pQCT. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2264-2271.	2.2	80
31	Preoperative detection of colorectal liver metastases in fatty liver: MDCT or MRI?. <i>European Journal of Radiology</i> , 2011, 79, e1-e6.	1.2	79
32	Gadobenate dimeglumine-enhanced 3.0-T MR Imaging versus Multiphasic 64-slice Detector Row CT: Prospective Evaluation in Patients Suspected of Having Pancreatic Cancer. <i>Radiology</i> , 2011, 259, 757-766.	3.6	79
33	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, 2506-2513.	3.2	78
34	Probiotics ( <i>Lactobacillus acidophilus</i> and <i>Bifidobacterium bifidum</i> ) prevent NEC in VLBW infants fed breast milk but not formula. <i>Pediatric Research</i> , 2015, 77, 381-388.	1.1	78
35	Impact of sonography in gouty arthritis: Comparison with conventional radiography, clinical examination, and laboratory findings. <i>European Journal of Radiology</i> , 2007, 62, 437-443.	1.2	76
36	Dual-Time-Point FDG-PET/CT for the Detection of Hepatic Metastases. <i>Molecular Imaging and Biology</i> , 2008, 10, 335-340.	1.3	76

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37	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, 1357-1365.	2.3	76
38	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, 1865-1874.	2.3	76
39	Detection of histologically proven peritoneal carcinomatosis with fused 18F-FDG-PET/MDCT. <i>European Journal of Radiology</i> , 2009, 69, 536-541.	1.2	71
40	Dual-energy computed tomography compared with ultrasound in the diagnosis of gout. <i>Rheumatology</i> , 2014, 53, 173-179.	0.9	71
41	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, 441-448.	3.6	64
42	Pulmonary Nodules: Sensitivity of Maximum Intensity Projection versus That of Volume Rendering of 3D Multidetector CT Data. <i>Radiology</i> , 2007, 243, 561-569.	3.6	64
43	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, 1280-1286.	1.2	63
44	Evaluation of native hyaline cartilage and repair tissue after two cartilage repair surgery techniques with <sup>23</sup> Na MR imaging at 7AT: initial experience. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 837-845.	0.6	63
45	MRI Versus Radiography of Acromioclavicular Joint Dislocation. <i>American Journal of Roentgenology</i> , 2011, 197, 968-973.	1.0	61
46	Preterm birth and disruptive cerebellar development: Assessment of perinatal risk factors. <i>European Journal of Paediatric Neurology</i> , 2008, 12, 455-460.	0.7	60
47	In Vivo Tractography of Fetal Association Fibers. <i>PLoS ONE</i> , 2015, 10, e0119536.	1.1	60
48	Effect of computer-aided detection as a second reader in multidetector-row CT colonography. <i>European Radiology</i> , 2007, 17, 2598-2607.	2.3	58
49	The prevalence of lumbar facet joint edema in patients with low back pain. <i>Skeletal Radiology</i> , 2007, 36, 755-760.	1.2	58
50	Fetal MRI detects early alterations of brain development in Tetralogy of Fallot. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 392.e1-392.e7.	0.7	58
51	18F-Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance in Lymphoma. <i>Investigative Radiology</i> , 2016, 51, 163-169.	3.5	58
52	Assessing prenatal white matter connectivity in commissural agenesis. <i>Brain</i> , 2013, 136, 168-179.	3.7	57
53	Whole-Body <sup>68</sup> Ga-DOTANOC PET/MRI Versus <sup>68</sup> Ga-DOTANOC PET/CT in Patients With Neuroendocrine Tumors. <i>Clinical Nuclear Medicine</i> , 2017, 42, 669-674.	0.7	56
54	Sarcopenia in Neurological Patients: Standard Values for Temporal Muscle Thickness and Muscle Strength Evaluation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1272.	1.0	56

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55	Fungal versus bacterial brain abscesses: is diffusion-weighted MR imaging a useful tool in the differential diagnosis?. <i>Neuroradiology</i> , 2007, 49, 651-657.	1.1	55
56	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.	3.3	55
57	Characterization of Benign and Malignant Breast Lesions With Computed Tomography Laser Mammography (CTLM). <i>Investigative Radiology</i> , 2005, 40, 328-335.	3.5	51
58	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.	3.6	51
59	Flat-Panel Detector Chest Radiography: Effect of Tube Voltage on Image Quality. <i>Radiology</i> , 2005, 235, 642-650.	3.6	50
60	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, 1009-1019.	3.3	50
61	Clinical application of bilateral high temporal and spatial resolution dynamic contrast-enhanced magnetic resonance imaging of the breast at 7 Tesla. <i>European Radiology</i> , 2014, 24, 913-920.	2.3	49
62	Diagnostic performance and reference values of novel biomarkers of paediatric heart failure. <i>Heart</i> , 2016, 102, 1633-1639.	1.2	48
63	MR neurography of ulnar nerve entrapment at the cubital tunnel: a diffusion tensor imaging study. <i>European Radiology</i> , 2015, 25, 1911-1918.	2.3	45
64	[68Ga]Ga-Pentixafor PET/MRI for CXCR4 Imaging of Chronic Lymphocytic Leukemia. <i>Investigative Radiology</i> , 2018, 53, 403-408.	3.5	45
65	MDCT Versus Digital Radiography in the Evaluation of Bone Healing in Orthopedic Patients. <i>American Journal of Roentgenology</i> , 2006, 186, 1754-1760.	1.0	44
66	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, 360-370.	3.6	44
67	An Automatic Model-based System for Joint Space Measurements on Hand Radiographs: Initial Experience. <i>Radiology</i> , 2007, 245, 855-862.	3.6	43
68	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, 519-526.	1.2	43
69	Contrast-Enhanced, High-Resolution, Susceptibility-Weighted Magnetic Resonance Imaging of the Brain. <i>Investigative Radiology</i> , 2006, 41, 249-255.	3.5	42
70	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, 443-449.	2.3	42
71	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, 1978-1985.	2.3	41
72	Can dual-energy CT improve the assessment of tumor margins in oral cancer?. <i>Oral Oncology</i> , 2014, 50, 221-227.	0.8	41

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73	Detectability of Catheters on Bedside Chest Radiographs: Comparison between Liquid Crystal Display and High-Resolution Cathode-Ray Tube Monitors. <i>Radiology</i> , 2005, 234, 611-616.	3.6	40
74	Improved Preoperative Evaluation of Cerebral Cavernomas by High-Field, High-Resolution Susceptibility-Weighted Magnetic Resonance Imaging at 3 Tesla. <i>Investigative Radiology</i> , 2007, 42, 346-351.	3.5	39
75	The Skull Unfolded: A Cranial CT Visualization Algorithm for Fast and Easy Detection of Skull Fractures. <i>Radiology</i> , 2010, 255, 553-562.	3.6	39
76	Acute Pulmonary Embolism: Effect of a Computer-assisted Detection Prototype on Diagnosis—An Observer Study. <i>Radiology</i> , 2012, 262, 305-313.	3.6	39
77	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, 555-564.	3.6	39
78	Assessment of lung development in isolated congenital diaphragmatic hernia using signal intensity ratios on fetal MR imaging. <i>European Radiology</i> , 2010, 20, 829-837.	2.3	38
79	Prevalence of NSF following intravenous gadolinium-contrast media administration in dialysis patients with endstage renal disease. <i>European Journal of Radiology</i> , 2010, 76, 129-134.	1.2	38
80	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, 33-38.	1.4	38
81	Normal mandibular growth and diagnosis of micrognathia at prenatal MRI. <i>Prenatal Diagnosis</i> , 2015, 35, 108-116.	1.1	38
82	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.	1.2	38
83	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, 2041-2048.	2.3	36
84	Percutaneous radiofrequency ablation of renal tumors: Midterm results in 16 patients. <i>European Journal of Radiology</i> , 2006, 59, 183-189.	1.2	35
85	JPEG2000 Compression of Thin-Section CT Images of the Lung: Effect of Compression Ratio on Image Quality. <i>Radiology</i> , 2006, 240, 869-877.	3.6	35
86	Diffusion-weighted MR imaging of the normal fetal lung. <i>European Radiology</i> , 2008, 18, 700-706.	2.3	35
87	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, 538-544.	1.2	35
88	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, 2326-2335.	2.3	35
89	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [ <sup>18</sup> F]FDG-PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26733.	0.8	35
90	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-e590.	1.2	34

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91	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.	1.9	34
92	Characterization of Hepatocellular Tumors. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 181-190.	0.5	33
93	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.	1.1	33
94	Acute radial nerve entrapment at the spiral groove: detection by DTI-based neurography. <i>European Radiology</i> , 2015, 25, 1678-1683.	2.3	33
95	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, 752-756.	1.0	32
96	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.	2.3	32
97	MRI investigation of normal fetal lung maturation using signal intensities on different imaging sequences. <i>European Radiology</i> , 2007, 17, 835-842.	2.3	31
98	Quantitative analysis of lumbar intervertebral disc abnormalities at 3.0 Tesla: value of texture features and geometric parameters. <i>NMR in Biomedicine</i> , 2012, 25, 866-872.	1.6	31
99	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, 106-112.	2.3	31
100	Introduction of an Automated User-Independent Quantitative Volumetric Magnetic Resonance Imaging Breast Density Measurement System Using the Dixon Sequence. <i>Investigative Radiology</i> , 2015, 50, 73-80.	3.5	30
101	Ovarian cysts on prenatal MRI. <i>European Journal of Radiology</i> , 2012, 81, 1937-1944.	1.2	29
102	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, 792-797.	0.2	29
103	Quantification of synovitis in Rheumatoid Arthritis: Do we really need quantitative measurement of contrast-enhanced ultrasound?. <i>European Journal of Radiology</i> , 2009, 71, 237-241.	1.2	28
104	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, 2451-2457.	2.3	28
105	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, 2434-2444.	2.3	27
106	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, 1415-1421.	1.0	26
107	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, 2416-2424.	2.3	26
108	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.	2.3	26



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109	CXCR4 PET imaging of mantle cell lymphoma using [ <sup>68</sup> Ga]Pentixafor: comparison with [ <sup>18</sup> F]FDG-PET. <i>Theranostics</i> , 2021, 11, 567-578.	4.6	26
110	Quantification of lower leg arterial calcifications by high-resolution peripheral quantitative computed tomography. <i>Bone</i> , 2014, 58, 42-47.	1.4	25
111	Multiparametric MR Imaging Depicts Glycosaminoglycan Change in the Achilles Tendon during Ciprofloxacin Administration in Healthy Men: Initial Observation. <i>Radiology</i> , 2015, 275, 763-771.	3.6	25
112	Temporal Muscle Thickness as a Prognostic Marker in Patients with Newly Diagnosed Glioblastoma: Translational Imaging Analysis of the CENTRIC EORTC 26071 and CORE Trials. <i>Clinical Cancer Research</i> , 2022, 28, 129-136.	3.2	25
113	Comparison of liquid crystal versus cathode ray tube display for the detection of simulated chest lesions. <i>European Radiology</i> , 2005, 15, 1472-1476.	2.3	24
114	Direct detector radiography versus dual reading computed radiography: feasibility of dose reduction in chest radiography. <i>European Radiology</i> , 2006, 16, 1544-1550.	2.3	24
115	Predicting medical complications in spine surgery: evaluation of a novel online risk calculator. <i>European Spine Journal</i> , 2018, 27, 2449-2456.	1.0	24
116	[ <sup>18</sup> F]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, 1138.	1.7	24
117	Skeletal Applications for Flat-Panel versus Storage-Phosphor Radiography: Effect of Exposure on Detection of Low-Contrast Details. <i>Radiology</i> , 2004, 231, 506-514.	3.6	23
118	Computer-aided Detection of Small Pulmonary Nodules in Chest Radiographs. <i>Academic Radiology</i> , 2011, 18, 1507-1514.	1.3	23
119	Forceps versus snare polypectomies in colorectal cancer screening: are we adhering to the guidelines?. <i>Endoscopy</i> , 2015, 47, 898-902.	1.0	23
120	Ultra-early response assessment in lymphoma treatment: [ <sup>18</sup> 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.	3.3	23
121	Echo-planar FLAIR Sequence Improves Subplate Visualization in Fetal MRI of the Brain. <i>Radiology</i> , 2019, 292, 159-169.	3.6	23
122	Intra-session and inter-subject variability of 3D <sup>1</sup> H MRSI using single-echo volumetric EPI navigators at 3T. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1920-1929.	1.9	23
123	MR-Based Morphometry of the Posterior Fossa in Fetuses with Neural Tube Defects of the Spine. <i>PLoS ONE</i> , 2014, 9, e112585.	1.1	22
124	Diagnostic accuracy of <sup>18</sup> 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.	3.3	22
125	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.	0.9	22
126	Aggressive nutrition in extremely low birth weight infants: impact on parenteral nutrition associated cholestasis and growth. <i>PeerJ</i> , 2016, 4, e2483.	0.9	22



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127	Reproducibility and regional variations of an improved gagCEST protocol for the in vivo evaluation of knee cartilage at 7AT. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 513-521.	1.1	22
128	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.	0.6	22
129	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.	0.6	22
130	CXCR4 PET/MRI for follow-up of gastric mucosa-associated lymphoid tissue lymphoma after first-line <i>Helicobacter pylori</i> eradication. <i>Blood</i> , 2022, 139, 240-244.	0.6	22
131	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, 429-437.	1.9	21
132	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, 467-474.	3.6	21
133	Fetal diffusion tensor quantification of brainstem pathology in Chiari II malformation. <i>European Radiology</i> , 2016, 26, 1274-1283.	2.3	21
134	SyMRI detects delayed myelination in preterm neonates. <i>European Radiology</i> , 2019, 29, 7063-7072.	2.3	21
135	Evaluation of the Temporal Muscle Thickness as an Independent Prognostic Biomarker in Patients with Primary Central Nervous System Lymphoma. <i>Cancers</i> , 2021, 13, 566.	1.7	21
136	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. <i>Investigative Radiology</i> , 2010, 45, 543-547.	3.5	20
137	Three-dimensional texture analysis of contrast enhanced CT images for treatment response assessment in Hodgkin lymphoma: Comparison with <sup>18</sup> F-FDG PET. <i>Medical Physics</i> , 2014, 41, 121904.	1.6	20
138	Intramuscular distribution of botulinum toxin visualized by MRI. <i>Journal of the Neurological Sciences</i> , 2014, 344, 76-79.	0.3	20
139	Does Delayed-Time-Point Imaging Improve <sup>18</sup> F-FDG-PET in Patients With MALT Lymphoma?. <i>Clinical Nuclear Medicine</i> , 2016, 41, 101-105.	0.7	20
140	Computed Radiography and Direct Radiography. <i>Investigative Radiology</i> , 2005, 40, 249-256.	3.5	19
141	Forebrain development in fetal MRI: evaluation of anatomical landmarks before gestational week 27. <i>Neuroradiology</i> , 2010, 52, 495-504.	1.1	19
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