

Michael Weber Mag

List of Publications by Year in Descending Order

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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.

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 | 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 |
| 287 | 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 |
| 286 | 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 |
| 285 | Validity of SyMRI for Assessment of the Neonatal Brain. <i>Clinical Neuroradiology</i> , 2021 , 31, 315-323 | 2.7 | 3 |
| 284 | 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 | |
| 283 | 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 |
| 282 | 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 |
| 281 | 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 |
| 280 | 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 |
| 279 | 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 |
| 278 | 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 |
| 277 | Performance of a new natural oral contrast agent (LumiVision [®]) in dynamic MR swallowing. <i>European Radiology</i> , 2021 , 31, 8578-8585 | 8 | |
| 276 | 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 |
| 275 | Diagnostic Role of PET/CT Tracers in the Detection and Localization of Tumours Responsible for Ectopic Cushing [®] Syndrome. <i>Anticancer Research</i> , 2021 , 41, 2477-2484 | 2.3 | 2 |
| 274 | 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 |
| 273 | 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 |
| 272 | 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 |

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| 271 | 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 |
| 270 | Long-term evolution of multiple sclerosis iron rim lesions in 7 T MRI. <i>Brain</i> , 2021 , 144, 833-847 | 11.2 | 37 |
| 269 | 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 |
| 268 | Characterization of the Hyperintense Bronchus Sign as a Fetal MRI Marker of Airway Obstruction. <i>Radiology</i> , 2021 , 300, 423-430 | 20.5 | 1 |
| 267 | Evaluation of the @2NOE Water SchoolsQ 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 |
| 266 | 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 |
| 265 | High-resolution ultrasound demonstrates in vivo effects of wrist movement on the median nerve along the forearm. <i>Muscle and Nerve</i> , 2021 , 64, 585-589 | 3.4 | |
| 264 | 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 |
| 263 | Mapping Human Fetal Brain Maturation In Vivo Using Quantitative MRI. <i>American Journal of Neuroradiology</i> , 2021 , 42, 2086-2093 | 4.4 | 1 |
| 262 | 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 |
| 261 | 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 |
| 260 | Validation of a composed COVID-19 chest radiography score: the CARE project. <i>ERJ Open Research</i> , 2020 , 6, | 3.5 | 8 |
| 259 | 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 |
| 258 | 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 |
| 257 | 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 | 1 |
| 256 | CrohnQ disease: prevalence, MR features, and clinical significance of enteric and colonic sinus tracts. <i>European Radiology</i> , 2020 , 30, 5358-5366 | 8 | 3 |
| 255 | Sarcopenia in juvenile localized scleroderma: new insights on deep involvement. <i>European Radiology</i> , 2020 , 30, 4091-4097 | 8 | 2 |
| 254 | 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 |

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| 253 | Optimizing MR imaging for intraoperative image guidance in sellar pathologies. <i>Pituitary</i> , 2020 , 23, 266-272 | 4.7 | 3 |
| 252 | 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 |
| 251 | 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 |
| 250 | 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 |
| 249 | 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 |
| 248 | [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 |
| 247 | 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 |
| 246 | 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 |
| 245 | 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 |
| 244 | 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 |
| 243 | The role of radiological and hybrid imaging for muscle metastases: a systematic review. <i>European Radiology</i> , 2020 , 30, 2209-2219 | 8 | 2 |
| 242 | 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 |
| 241 | 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 |
| 240 | 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 |
| 239 | 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 |
| 238 | 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 |
| 237 | 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 |
| 236 | 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 |

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| 235 | 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 |
| 234 | 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 |
| 233 | 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 |
| 232 | 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 |
| 231 | Echo-planar FLAIR Sequence Improves Subplate Visualization in Fetal MRI of the Brain. <i>Radiology</i> , 2019 , 292, 159-169 | 20.5 | 18 |
| 230 | 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 |
| 229 | 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 |
| 228 | 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 |
| 227 | 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 |
| 226 | 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 |
| 225 | The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2019 , 1947603519865308 | 3 | 42 |
| 224 | SyMRI detects delayed myelination in preterm neonates. <i>European Radiology</i> , 2019 , 29, 7063-7072 | 8 | 9 |
| 223 | 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 |
| 222 | 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 |
| 221 | 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 |
| 220 | Student Perceptions of Instructional Ultrasound Videos as Preparation for a Practical Assessment. <i>Ultrasound International Open</i> , 2019 , 5, E81-E88 | 2.1 | 1 |
| 219 | 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 |
| 218 | Do elevated autoantibodies in patients with multiple sclerosis matter?. <i>Acta Neurologica Scandinavica</i> , 2019 , 139, 238-246 | 3.8 | 0 |

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| 217 | 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 |
| 216 | 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 |
| 215 | 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 |
| 214 | 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 |
| 213 | 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 |
| 212 | [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 |
| 211 | Hand MRI and the Greulich-Pyle atlas in skeletal age estimation in adolescents. <i>Skeletal Radiology</i> , 2018 , 47, 963-971 | 2.7 | 16 |
| 210 | 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 |
| 209 | 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 |
| 208 | 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 |
| 207 | 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 |
| 206 | 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 |
| 205 | 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 |
| 204 | DWI-MRI vs CT in gastric MALT lymphoma-preliminary results in 19 patients. <i>British Journal of Radiology</i> , 2018 , 20180263 | 3.4 | 2 |
| 203 | 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 |
| 202 | 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 |
| 201 | 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 |
| 200 | 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 |

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| 199 | 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 |
| 198 | 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 |
| 197 | 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 |
| 196 | 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 |
| 195 | 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 |
| 194 | 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 |
| 193 | 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 |
| 192 | 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 |
| 191 | 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 |
| 190 | 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 | 1.7 | 39 |
| 189 | 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 |
| 188 | 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 |
| 187 | Cortical porosity not superior to conventional densitometry in identifying hemodialysis patients with fragility fracture. <i>PLoS ONE</i> , 2017 , 12, e0171873 | 3.7 | 13 |
| 186 | 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 |
| 185 | Fetal diffusion tensor quantification of brainstem pathology in Chiari II malformation. <i>European Radiology</i> , 2016 , 26, 1274-83 | 8 | 13 |
| 184 | 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 |
| 183 | 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 |
| 182 | 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 |

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| 181 | 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 |
| 180 | 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 |
| 179 | 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 |
| 178 | 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 |
| 177 | Diagnostic performance and reference values of novel biomarkers of paediatric heart failure. <i>Heart</i> , 2016 , 102, 1633-9 | 5.1 | 34 |
| 176 | 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 |
| 175 | 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 |
| 174 | 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 |
| 173 | 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 |
| 172 | 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 |
| 171 | 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 |
| 170 | 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 |
| 169 | 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 |
| 168 | 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 |
| 167 | New hybrid reformations of peripheral CT angiography: do we still need axial images?. <i>Clinical Imaging</i> , 2015 , 39, 603-7 | 2.7 | 2 |
| 166 | Effect of staff training on radiation dose in pediatric CT. <i>European Journal of Radiology</i> , 2015 , 84, 1574-1578 | 4.78 | 15 |
| 165 | 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 |
| 164 | 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 |

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| 163 | Acute radial nerve entrapment at the spiral groove: detection by DTI-based neurography. <i>European Radiology</i> , 2015 , 25, 1678-83 | 8 | 29 |
| 162 | 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 |
| 161 | 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 |
| 160 | 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 |
| 159 | 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 |
| 158 | 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 |
| 157 | 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 |
| 156 | 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 |
| 155 | Forceps versus snare polypectomies in colorectal cancer screening: are we adhering to the guidelines?. <i>Endoscopy</i> , 2015 , 47, 898-902 | 3.4 | 19 |
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