

# Ulf Karl Martin Teichgräber

## List of Publications by Year in descending order

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Version: 2024-02-01

223  
papers

4,329  
citations

145106

33  
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190340

53  
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281  
all docs

281  
docs citations

281  
times ranked

5984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editor's Choice " Risk of Major Amputation Following Application of Paclitaxel Coated Balloons in the Lower Limb Arteries: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. European Journal of Vascular and Endovascular Surgery, 2022, 63, 60-71.	0.8	45
2	Impact of coronary calcification assessed by coronary CT angiography on treatment decision in patients with three-vessel CAD: insights from SYNTAX III trial. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 176-184.	0.5	5
3	Osteoid osteoma: treatment outcome and long-term follow-up after MRI-guided laser ablation. Annals of Translational Medicine, 2022, 10, 240-240.	0.7	3
4	More Than Detection of Adenocarcinoma " Indications and Findings in Prostate MRI in Benign Prostatic Disorders. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, , .	0.7	2
5	Influence of Prostate Artery Embolization on Different Qualities of Lower Urinary Tract Symptoms Due to Benign Prostatic Obstruction. European Urology Focus, 2022, 8, 1323-1330.	1.6	2
6	Keep up with progress"Ultrasound education requires change. Medical Education, 2022, , .	1.1	0
7	Diagnostic concordance and discordance between angiography-based quantitative flow ratio and fractional flow reserve derived from computed tomography in complex coronary artery disease. Journal of Cardiovascular Computed Tomography, 2022, 16, 336-342.	0.7	5
8	Femoropopliteal Drug-coated Balloon Angioplasty: Long-term Results of the Randomized EffPac Trial. Radiology, 2022, , 212622.	3.6	1
9	Organ Manifestation and Systematic Organ Screening at the Onset of Inflammatory Rheumatic Diseases. Diagnostics, 2022, 12, 67.	1.3	2
10	iRECIST-based versus non-standardized free text reporting of CT scans for monitoring metastatic renal cell carcinoma: a retrospective comparison. Journal of Cancer Research and Clinical Oncology, 2022, , 1.	1.2	1
11	In vitro measurements of radiation exposure with different modalities (computed tomography, cone) Tj ETQq1 1 0.784314 rgBT /Overlo phantom. Pediatric Radiology, 2022, 52, 1125.	1.1	0
12	Assessing the diagnostic value of a potential screening tool for detecting early interstitial lung disease at the onset of inflammatory rheumatic diseases. Arthritis Research and Therapy, 2022, 24, 107.	1.6	8
13	Drug loss from Paclitaxel-Coated Balloons During Preparation, Insertion and Inflation for Angioplasty: A Laboratory Investigation. CardioVascular and Interventional Radiology, 2022, 45, 1186-1197.	0.9	5
14	Transarterial chemoembolization with drug-eluting beads in patients with hepatocellular carcinoma: response analysis with mRECIST. Diagnostic and Interventional Radiology, 2021, 27, 85-93.	0.7	3
15	24-Month Registry Results on Drug-Coated Balloon Angioplasty Below the Knee: Strong Enough Evidence to Convince the Sceptics?. CardioVascular and Interventional Radiology, 2021, 44, 19-20.	0.9	1
16	MRI following scoliosis surgery? An analysis of implant heating, displacement, torque, and susceptibility artifacts. European Radiology, 2021, 31, 4298-4307.	2.3	3
17	Paclitaxel-Coated Balloon Angioplasty in the Real World: Jack-of-all-Trades?. CardioVascular and Interventional Radiology, 2021, 44, 218-219.	0.9	1
18	Response rate and safety in patients with hepatocellular carcinoma treated with transarterial chemoembolization using 40-µm doxorubicin-eluting microspheres. Journal of Cancer Research and Clinical Oncology, 2021, 147, 23-32.	1.2	13

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19	Effectiveness of Superior Hypogastric Plexus Block for Pain Control Compared to Epidural Anesthesia in Women Requiring Uterine Artery Embolization for the Treatment of Uterine Fibroids â€“ Retrospective Evaluation. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 289-297.	0.7	5
20	Revealing the true face behind the mask of ALK-positive anaplastic large cell lymphoma (ALCL). <i>Annals of Hematology</i> , 2021, 100, 1107-1109.	0.8	0
21	Reliability of a Risk-Factor Questionnaire for Osteoporosis: A Primary Care Survey Study with Dual Energy X-ray Absorptiometry Ground Truth. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1136.	1.2	3
22	Ruling out COVID-19 by chest CT at emergency admission when prevalence is low: the prospective, observational SCOUT study. <i>Respiratory Research</i> , 2021, 22, 13.	1.4	11
23	Deep-tissue localization of magnetic field hyperthermia using pulse sequencing. <i>International Journal of Hyperthermia</i> , 2021, 38, 743-754.	1.1	15
24	Effect of Matrix-Modulating Enzymes on the Cellular Uptake of Magnetic Nanoparticles and on Magnetic Hyperthermia Treatment of Pancreatic Cancer Models In Vivo. <i>Nanomaterials</i> , 2021, 11, 438.	1.9	21
25	Post-Test Probability of COVID-19 Using CT. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2021, 118, 66.	0.6	0
26	Prostatic Artery Embolization: Influence of Cone-Beam Computed Tomography on Radiation Exposure, Procedure Time, and Contrast Media Use. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1089-1094.	0.9	12
27	Structured work-based learning in undergraduate clinical radiology immersion experience. <i>BMC Medical Education</i> , 2021, 21, 167.	1.0	2
28	Excimer laser atherectomy in complex peripheral artery disease: a prospective European registry. <i>Journal of Cardiovascular Surgery</i> , 2021, 62, 153-161.	0.3	4
29	Development of a balanced scorecard as a strategic performance measurement system for clinical radiology as a cost center. <i>Insights Into Imaging</i> , 2021, 12, 69.	1.6	5
30	MR-guided lumbar facet radiofrequency denervation for treatment of patients with chronic low back pain in an open 1.0 Tesla MRI system. <i>Annals of Translational Medicine</i> , 2021, 9, 1056-1056.	0.7	3
31	Central and peripheral arterial diseases in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. <i>Kidney International</i> , 2021, 100, 35-48.	2.6	26
32	Head-to-head comparison of sirolimus- versus paclitaxel-coated balloon angioplasty in the femoropopliteal artery: study protocol for the randomized controlled SIRONA trial. <i>Trials</i> , 2021, 22, 665.	0.7	7
33	RAVE-T2/T1 â€“ Feasibility of a new hybrid MR-sequence for free-breathing abdominal MRI in children and adolescents. <i>European Journal of Radiology</i> , 2021, 143, 109903.	1.2	1
34	Deep Learning CT Image Reconstruction in Clinical Practice. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 252-261.	0.7	42
35	Impact of a Heutagogical, Multimedia-Based Teaching Concept to Promote Self-Determined, Cooperative Student Learning in Clinical Radiology. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 701-711.	0.7	5
36	Wound closure after port implantation. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2021, , .	0.6	0

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37	Virtual inverted classroom to replace in-person radiology lectures at the time of the COVID-19 pandemic - a prospective evaluation and historic comparison. BMC Medical Education, 2021, 21, 611.	1.0	10
38	Prostatic Artery Embolizationâ€™ Anatomic Predictors of Technical Outcomes. Journal of Vascular and Interventional Radiology, 2020, 31, 378-387.	0.2	14
39	MR-Guided Percutaneous Intradiscal Thermotherapy (MRgPIT): Evaluation of a New Technique for the Treatment of Degenerative Disc Disease in Cadaveric Lumbar Spine. CardioVascular and Interventional Radiology, 2020, 43, 505-513.	0.9	0
40	Dyna-CT of the temporal bone for case-specific three-dimensional rendering of the stapedial muscle for planning of electrically evoked stapedius reflex threshold determination during cochlear implantation directly from the stapedius muscle via a retrofacial approach: a pilot study. European Archives of Oto-Rhino-Laryngology, 2020, 277, 975-985.	0.8	5
41	Two-year Review on Mortality and Morbidity after Femoropopliteal Drug-coated Balloon Angioplasty in the Randomized EffPac Trial. Radiology, 2020, 296, 638-640.	3.6	5
42	Forensic postmortem computed tomography in suspected unnatural adult deaths. European Journal of Radiology, 2020, 132, 109297.	1.2	9
43	Systematic evaluation of particle loss during handling in the percutaneous transluminal angioplasty for eight different drug-coated balloons. Scientific Reports, 2020, 10, 17220.	1.6	11
44	Rapid Target Binding and Cargo Release of Activatable Liposomes Bearing HER2 and FAP Single-Chain Antibody Fragments Reveal Potentials for Image-Guided Delivery to Tumors. Pharmaceutics, 2020, 12, 972.	2.0	3
45	Safety and feasibility evaluation of planning and execution of surgical revascularisation solely based on coronary CTA and FFR<sub>CT</sub> in patients with complex coronary artery disease: study protocol of the FASTTRACK CABG study. BMJ Open, 2020, 10, e038152.	0.8	24
46	Iron Oxide Nanoparticles as Carriers for DOX and Magnetic Hyperthermia after Intratumoral Application into Breast Cancer in Mice: Impact and Future Perspectives. Nanomaterials, 2020, 10, 1016.	1.9	31
47	Magnetic Tracking and Electrocardiography-Guided Tip Confirmation System Versus Fluoroscopy for Placement of Peripherally Inserted Central Catheters: A Randomized, Noninferiority Comparison. CardioVascular and Interventional Radiology, 2020, 43, 1891-1897.	0.9	14
48	Drug-coated Balloon Angioplasty of Femoropopliteal Lesions Maintained Superior Efficacy over Conventional Balloon: 2-year Results of the Randomized EffPac Trial. Radiology, 2020, 295, 478-487.	3.6	27
49	Challenges in Tracking of Fluorochrome-Labelled Nanoparticles in Mice via Whole Body NIRF Imaging. Nanomaterials, 2020, 10, 596.	1.9	1
50	Position Paper of the German Society for Interventional Radiology (DeGIR) on Prostatic Artery Embolization. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 835-846.	0.7	5
51	Automatic human identification based on dental X-ray radiographs using computer vision. Scientific Reports, 2020, 10, 3801.	1.6	17
52	The role of computed tomography in the diagnostic pathway of acute mesenteric ischemia: a nested case-control study. Acta Radiologica, 2020, 61, 1444-1451.	0.5	4
53	Peripherally inserted central venous catheter (PICC) in outpatient and inpatient oncological treatment. Supportive Care in Cancer, 2020, 28, 4753-4760.	1.0	39
54	Influence of Interventionistsâ€™ Experience on Radiation Exposure of Patients Who Underwent Prostate Artery Embolization: 4-Year Results from a Retrospective, Single-Center Study. CardioVascular and Interventional Radiology, 2020, 43, 1194-1201.	0.9	9

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55	Multivariable Regression Analysis of Clinical Data from the Randomized-Controlled EffPac Trial: Efficacy of Femoropopliteal Drug-Coated Balloon Angioplasty. CardioVascular and Interventional Radiology, 2020, 43, 840-849.	0.9	4
56	Targeting the Tumor Microenvironment with Fluorescence-Activatable Bispecific Endoglin/Fibroblast Activation Protein Targeting Liposomes. Pharmaceutics, 2020, 12, 370.	2.0	12
57	Efficacy and safety of a novel paclitaxel-nano-coated balloon for femoropopliteal angioplasty: one-year results of the EffPac trial. EuroIntervention, 2020, 15, e1633-e1640.	1.4	16
58	Basal leaflet thickening and color paucity in the echocardiographic evaluation of subclinical leaflet thrombosis after transcatheter aortic valve replacement. International Journal of Cardiovascular Imaging, 2019, 35, 119-120.	0.7	2
59	Drug-Coated Balloon Angioplasty of Infrapopliteal Lesions in Patients with Critical Limb Ischaemia: 1-Year Results of the APOLLO Trial. CardioVascular and Interventional Radiology, 2019, 42, 1380-1390.	0.9	20
60	T1 and T2* mapping of the human quadriceps and patellar tendons using ultra-short echo-time (UTE) imaging and bivariate relaxation parameter-based volumetric visualization. Magnetic Resonance Imaging, 2019, 63, 29-36.	1.0	12
61	Benefit and risk from paclitaxel-coated balloon angioplasty for the treatment of femoropopliteal artery disease: A systematic review and meta-analysis of randomised controlled trials. EClinicalMedicine, 2019, 16, 42-50.	3.2	49
62	Computer-Aided Detection of Pulmonary Nodules in Computed Tomography Using ClearReadCT. Journal of Medical Systems, 2019, 43, 58.	2.2	13
63	Development of an Apparatus for Digital Measurement of Magnetically Induced Torque on Medical Implants to Facilitate the Application of the ASTM F2213 Standard. IEEE Transactions on Biomedical Engineering, 2019, 66, 3420-3425.	2.5	4
64	Aortic annulus measurement with computed tomography angiography reduces aortic regurgitation after transfemoral aortic valve replacement compared to 3-D echocardiography: a single-centre experience. Clinical Research in Cardiology, 2019, 108, 1266-1275.	1.5	7
65	T2 Mapping in Prostate Cancer. Investigative Radiology, 2019, 54, 146-152.	3.5	63
66	New generation CPPs show distinct selectivity for cancer and noncancer cells. Journal of Cellular Biochemistry, 2019, 120, 6528-6541.	1.2	16
67	Cephalad dislocation of PICCs under different upper limb positions: influence of age, gender, BMI, number of lumens. Journal of Vascular Access, 2018, 19, 141-145.	0.5	12
68	Fully automatic CT-histogram-based fat estimation in dead bodies. International Journal of Legal Medicine, 2018, 132, 563-577.	1.2	5
69	Comparison of Unenhanced T1-Weighted Signal Intensities Within the Dentate Nucleus and the Globus Pallidus After Serial Applications of Gadopentetate Dimeglumine Versus Gadobutrol in a Pediatric Population. Investigative Radiology, 2018, 53, 119-127.	3.5	35
70	Coronary computed tomography angiography for heart team decision-making in multivessel coronary artery disease. European Heart Journal, 2018, 39, 3689-3698.	1.0	140
71	Sonographic Bedside Quantification of Pleural Effusion Compared to Computed Tomography Volumetry in ICU Patients. Ultrasound International Open, 2018, 4, E131-E135.	0.3	11
72	Prostate Artery Embolization: Indication, Technique and Clinical Results. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 847-855.	0.7	26

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73	Prostatic Artery Embolization with 250- $\mu$ m Spherical Polyene-Coated Hydrogel Microspheres for Lower Urinary Tract Symptoms with Follow-up MR Imaging. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1127-1137.	0.2	21
74	Forensic Odontology: Automatic Identification of Persons Comparing Antemortem and Postmortem Panoramic Radiographs Using Computer Vision. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 1152-1158.	0.7	23
75	Tailored interactive sequences for continuous MR-image-guided freehand biopsies of different organs in an open system at 1.0 tesla (T) – Initial experience. <i>Biomedizinische Technik</i> , 2017, 62, 557-563.	0.9	4
76	In vitro stent assessment by MRI: visibility of lumen and artifacts for 27 modern stents. <i>Biomedizinische Technik</i> , 2017, 62, 565-573.	0.9	6
77	Automatic CT-based finite element model generation for temperature-based death time estimation: feasibility study and sensitivity analysis. <i>International Journal of Legal Medicine</i> , 2017, 131, 699-712.	1.2	16
78	In vivo evidence of significant levator ani muscle stretch on MR images of a live childbirth. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 194.e1-194.e8.	0.7	19
79	RFID-Based Real-Time Navigation for Interventional Magnetic Resonance Imaging: Development and Evaluation of a Novel Tracking System. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2017, 11, .	0.4	1
80	Posterior Cortical Axis: A New Landmark to Control Femoral Component Rotation in Total Knee Arthroplasty. <i>Orthopedics</i> , 2017, 40, 188-190.	0.5	9
81	The fibular head projection is of limited use as a radiographic landmark in preoperative planning of total knee arthroplasty. <i>Skeletal Radiology</i> , 2017, 46, 1379-1384.	1.2	1
82	Improvement of olfactory function after sinus surgery correlates with white matter properties measured by diffusion tensor imaging. <i>Neuroscience</i> , 2017, 360, 190-196.	1.1	13
83	Nanoparticle-based hyperthermia distinctly impacts production of ROS, expression of Ki-67, TOP2A, and TPX2, and induction of apoptosis in pancreatic cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1009-1018.	3.3	44
84	Methotrexate-coupled nanoparticles and magnetic nanochemothermia for the relapse-free treatment of T24 bladder tumors. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2793-2811.	3.3	15
85	Preclinical Swine Models for Monitoring of Hepatocyte Transplantation by MRI. <i>Methods in Molecular Biology</i> , 2017, 1506, 201-214.	0.4	1
86	Computer aided detection in prostate cancer diagnostics: A promising alternative to biopsy? A retrospective study from 104 lesions with histological ground truth. <i>PLoS ONE</i> , 2017, 12, e0185995.	1.1	22
87	Heterogeneous response of different tumor cell lines to methotrexate-coupled nanoparticles in presence of hyperthermia. <i>International Journal of Nanomedicine</i> , 2016, 11, 485.	3.3	18
88	The effectiveness of the paclitaxel-coated Luminor <sup>®</sup> balloon catheter versus an uncoated balloon catheter in superficial femoral and popliteal arteries in preventing vessel restenosis or reocclusion: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 528.	0.7	7
89	Reference values for digital X-ray radiogrammetry parameters in children and adolescents in comparison to estimates in patients with distal radius fractures. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 55-64.	1.3	3
90	Initial experience with imaging of the lower extremity arteries in an open 1.0 Tesla MRI system using the triggered angiography non-contrast-enhanced sequence (TRANCE) compared to digital subtraction angiography (DSA). <i>Biomedizinische Technik</i> , 2016, 61, 383-392.	0.9	12

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91	Reeingriffe, Mehrfach implantationen und Explantationen in der Portchirurgie. , 2016, , 89-95.		0
92	Portanwendung in der Radiochemotherapie. , 2016, , 119-126.		0
93	Measurement of susceptibility artifacts with histogram-based reference value on magnetic resonance images according to standard ASTM F2119. Biomedizinische Technik, 2015, 60, 541-9.	0.9	5
94	Interactive near-real-time high-resolution imaging for MR-guided lumbar interventions using ZOOM imaging in an open 1.0 Tesla MRI system – initial experience. Biomedizinische Technik, 2015, 60, 533-9.	0.9	4
95	Contrast-induced nephropathy in patients with chronic kidney disease and peripheral arterial disease. Acta Radiologica Open, 2015, 4, 205846011558303.	0.3	10
96	Gold nanoparticles allow detection of early-stage edema in mice via computed tomography imaging. International Journal of Nanomedicine, 2015, 10, 3803.	3.3	15
97	MRI-guided core needle biopsy of the prostate: acceptance and side effects. Diagnostic and Interventional Radiology, 2015, 21, 215-221.	0.7	27
98	Long-term prevalence of NIRF-labeled magnetic nanoparticles for the diagnostic and intraoperative imaging of inflammation. Nanotoxicology, 2015, 10, 1-12.	1.6	7
99	Volume comparison of radiofrequency ablation at 3- and 5-cm target volumes for four different radiofrequency generators: MR volumetry in an open 1-T MRI system versus macroscopic measurement. Biomedizinische Technik, 2015, 60, 521-31.	0.9	0
100	Multifunctional calcium phosphate nanoparticles for combining near-infrared fluorescence imaging and photodynamic therapy. Acta Biomaterialia, 2015, 14, 197-207.	4.1	67
101	A plasma protein corona enhances the biocompatibility of Au@Fe <sub>3</sub> O <sub>4</sub> Janus particles. Biomaterials, 2015, 68, 77-88.	5.7	72
102	Improved Hyperthermia Treatment of Tumors Under Consideration of Magnetic Nanoparticle Distribution Using Micro-CT Imaging. Molecular Imaging and Biology, 2015, 17, 763-769.	1.3	23
103	Hepatic Arterial Supply in 1297 CT-Angiographies. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 276-282.	0.7	18
104	Prostate Imaging – An Update. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 751-759.	0.7	7
105	Means to increase the therapeutic efficiency of magnetic heating of tumors. Biomedizinische Technik, 2015, 60, 505-17.	0.9	9
106	Comparison of four radiofrequency ablation systems at two target volumes in an ex vivo bovine liver model. Diagnostic and Interventional Radiology, 2014, 20, 251-258.	0.7	22
107	MRI-guided percutaneous transhepatic cholangiodrainage: feasibility study in a porcine model. Scandinavian Journal of Gastroenterology, 2014, 49, 722-726.	0.6	1
108	White Paper: Clinical Studies in Radiology. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 451-457.	0.7	1

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109	Evaluation of Correlations between Underlying Disease and Port Complications. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 496-500.	0.7	10
110	Structural properties of magnetic nanoparticles determine their heating behavior - an estimation of the in vivo heating potential. Nanoscale Research Letters, 2014, 9, 602.	3.1	48
111	Non-invasive ECG-triggered 2D TOF MR angiography of the pelvic and leg arteries in an open 1.0-tesla high-field MRI system in comparison to conventional DSA. Biomedizinische Technik, 2014, 59, 29-37.	0.9	14
112	Initial clinical experience with a quadrupole butterfly coil for spinal injection interventions in an open MRI system at 1.0 tesla. Biomedizinische Technik, 2014, 59, 39-45.	0.9	2
113	MR Guidance and Thermometry of Percutaneous Laser Disc Decompression in Open MRI: An Ex Vivo Study. CardioVascular and Interventional Radiology, 2014, 37, 777-783.	0.9	13
114	Postpartum woman with pneumomediastinum and reverse (inverted) takotsubo cardiomyopathy: a case report. Journal of Medical Case Reports, 2014, 8, 89.	0.4	6
115	MR-guided facet joint injection therapy using an open 1.0-T MRI system: an outcome study. European Radiology, 2013, 23, 3296-3303.	2.3	14
116	MR guidance and thermometry of percutaneous laser disc decompression in open MRI: an initial clinical investigation. European Radiology, 2013, 23, 2739-2746.	2.3	12
117	Detection and classification of different liver lesions: Comparison of Gd-EOB-DTPA-enhanced MRI versus multiphasic spiral CT in a clinical single centre investigation. European Journal of Radiology, 2013, 82, 1860-1869.	1.2	45
118	Ankle Laxity: Stress Investigation Under MRI Control. American Journal of Roentgenology, 2013, 201, 496-504.	1.0	40
119	Complete Remission After Treatment With Single-Agent Ofatumumab in a Patient With High-Risk Leukemic Mantle-Cell Lymphoma. Journal of Clinical Oncology, 2013, 31, e312-e315.	0.8	8
120	Functionalizable Silica-Based Micron-Sized Iron Oxide Particles for Cellular Magnetic Resonance Imaging. Cell Transplantation, 2013, 22, 1959-1970.	1.2	13
121	Real-Time MR-Guided Lumbosacral Periradicular Injection Therapy Using an Open 1.0-T MRI System. Investigative Radiology, 2013, 48, 471-476.	3.5	18
122	Fluid preinjection for microwave ablation in an ex vivo bovine liver model assessed with volumetry in an open MRI system. Diagnostic and Interventional Radiology, 2013, 19, 427-32.	0.7	3
123	Safety and Efficacy Of Bendamustine In Patients With Aggressive Non-Hodgkin Lymphomas (NHL). Blood, 2013, 122, 4371-4371.	0.6	2
124	Massive retroperitoneal hemorrhage from a giant renal angiomyolipoma treated by selective arterial embolization with an Amplatzer Vascular Plug II. Acta Radiologica Short Reports, 2012, 1, 1-4.	0.7	6
125	CT fluoroscopy-guided percutaneous gastrostomy with loop gastropexy and peel-away sheath trocar technique in 31 amyotrophic lateral sclerosis patients. Acta Radiologica, 2012, 53, 285-291.	0.5	11
126	Chronic post-traumatic high-flow priapism treated with temporary gelatin sponge embolization. Acta Radiologica Short Reports, 2012, 1, 1-3.	0.7	0



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127	Image Guided Placement of Extracorporeal Life Support through Bi-Caval Dual Lumen Venovenous Membrane Oxygenation in an Interventional Radiology Setting – Initial Experience. Journal of Vascular Access, 2012, 13, 221-225.	0.5	15
128	Silica-Based Micron-Sized Iron Oxide Particles for Detection and Loco-Regional Stimulation of Transplanted Liver Cells. Transplantation, 2012, 94, 215.	0.5	0
129	Software development for the determination of susceptibility artefacts in MRI after ASTM F2119. Biomedizinische Technik, 2012, 57, .	0.9	2
130	Maximum instrument length for MR-guided minimal-invasive interventions of the lumbar spine in open high-field MRI. Biomedizinische Technik, 2012, 57, .	0.9	0
131	Magnetic resonance imaging of the active second stage of labour: Proof of principle. European Radiology, 2012, 22, 2020-2026.	2.3	6
132	Applying value stream mapping techniques to eliminate non-value-added waste for the procurement of endovascular stents. European Journal of Radiology, 2012, 81, e47-e52.	1.2	82
133	Clinical benefit of power-injectable port systems: A prospective observational study. European Journal of Radiology, 2012, 81, 528-533.	1.2	18
134	Feasibility of Fast Dynamic MRI for Noninvasive Monitoring During Ectopic Liver Cell Transplantation to the Spleen in a Porcine Model. American Journal of Roentgenology, 2012, 198, 1417-1423.	1.0	7
135	Digital Ischemia and Consecutive Amputation After Emergency Transradial Cardiac Catheter Examination. CardioVascular and Interventional Radiology, 2012, 35, 1242-1244.	0.9	14
136	Process mapping of PTA and stent placement in a university hospital interventional radiology department. Insights Into Imaging, 2012, 3, 329-336.	1.6	10
137	Development of a pneumatic x-ray transparent and MR-safe bone drilling system for interventional MRI. Biomedizinische Technik, 2012, 57, .	0.9	1
138	Introduction of an open source middleware for automatic FOV adjustment in interactive MRI according to a medical tracking-system. Biomedizinische Technik, 2012, 57, .	0.9	1
139	Can ferromagnetic metal detectors improve MRI safety?. Biomedizinische Technik, 2012, 57, .	0.9	0
140	Evaluation of a MR-quadropole imaging coil for spinal interventions in a vertical 1.0 T MRI. Magnetic Resonance in Medicine, 2012, 68, 600-605.	1.9	6
141	Signal-inducing bone cements for MRI-guided spinal cementoplasty: evaluation of contrast-agent-based polymethylmethacrylate cements. Skeletal Radiology, 2012, 41, 651-657.	1.2	1
142	A Signal-Inducing Bone Cement for Magnetic Resonance Imaging-Guided Spinal Surgery Based on Hydroxyapatite and Polymethylmethacrylate. CardioVascular and Interventional Radiology, 2012, 35, 661-667.	0.9	4
143	Angle of progression measurements of fetal head at term: a systematic comparison between open magnetic resonance imaging and transperineal ultrasound. American Journal of Obstetrics and Gynecology, 2012, 206, 161.e1-161.e5.	0.7	28
144	Human birth observed in real-time open magnetic resonance imaging. American Journal of Obstetrics and Gynecology, 2012, 206, 505.e1-505.e6.	0.7	38

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145	Satisfaction and quality of life: a survey-based assessment in patients with a totally implantable venous port system. <i>European Journal of Cancer Care</i> , 2012, 21, 197-204.	0.7	27
146	Minimally Invasive Magnetic Resonance Imaging-Guided Free-Hand Aspiration of Symptomatic Nerve Route Compressing Lumbosacral Cysts Using a 1.0-Tesla Open Magnetic Resonance Imaging System. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 154-160.	0.9	8
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