

# Rolf Wilhelm Günther

## 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.

377  
papers

11,646  
citations

54  
h-index

80  
g-index

432  
ext. papers

12,867  
ext. citations

5.7  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
377	Splenic artery steal syndrome in patients with orthotopic liver transplant: Where to embolize the splenic artery?. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263832	3.7	0
376	Biodegradable Polydioxanone Microspheres for Transcatheter Arterial Embolization: Proof of Principle. <i>Journal of Vascular and Interventional Radiology</i> , <b>2020</b> , 31, 2132-2140.e5	2.4	1
375	Novel MR-Visible, Biodegradable Microspheres for Transcatheter Arterial Embolization: Experimental Study in a Rabbit Renal Model. <i>CardioVascular and Interventional Radiology</i> , <b>2020</b> , 43, 1515-1527 <sup>o</sup>	2.7	0
374	Successful CT-Guided Obliteration of Isolated Bile Ducts with Ethylene Vinyl Alcohol Copolymer in a Patient with Chronic Bile Leakage after Hepatectomy. <i>Journal of Vascular and Interventional Radiology</i> , <b>2019</b> , 30, 1671-1673	2.4	
373	Clinical Experience with Real-Time 3-D Guidance Based on C-Arm-Acquired Cone-Beam CT (CBCT) in Transjugular Intrahepatic Portosystemic Stent Shunt (TIPSS) Placement. <i>CardioVascular and Interventional Radiology</i> , <b>2018</b> , 41, 1035-1042	2.7	4
372	C-Arm Cone Beam CT for Intraprocedural Image Fusion and 3D Guidance in Portal Vein Embolization (PVE). <i>CardioVascular and Interventional Radiology</i> , <b>2018</b> , 41, 424-432	2.7	4
371	Renal Denervation by Transaortic Periarterial Ethanol Injection: An Experimental Study in Porcines. <i>CardioVascular and Interventional Radiology</i> , <b>2018</b> , 41, 1943-1951	2.7	
370	Embolization of a life-threatening placenta increta hemorrhage with a four-month MRI follow-up. <i>Acta Radiologica Open</i> , <b>2017</b> , 6, 2058460117727788	1.2	
369	Renal denervation by CT-guided periarterial injection of hyperosmolar saline, vincristine, paclitaxel and guanethidine in a pig model. <i>EuroIntervention</i> , <b>2017</b> , 12, e2262-e2270	3.1	2
368	Percutaneous computer tomography-guided ethanol sympathectomy for the treatment of resistant arterial hypertension. <i>CardioVascular and Interventional Radiology</i> , <b>2014</b> , 37, 513-8	2.7	10
367	Intra-arterial ultra low iodine CT angiography of renal transplant arteries. <i>CardioVascular and Interventional Radiology</i> , <b>2014</b> , 37, 1062-7	2.7	7
366	Monitoring of gadolinium-BOPTA uptake into the vessel wall during magnetic resonance (MR)-guided angioplasty of the peripheral arteries with a paclitaxel/gadolinium-BOPTA-coated balloon: an experimental study at 3 Tesla. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2014</b> , 186, 388-93	2.3	
365	MR-guided high-focused ultrasound for renal sympathetic denervation-a feasibility study in pigs. <i>Journal of Therapeutic Ultrasound</i> , <b>2014</b> , 2, 12		8
364	Simultaneous dual-isotope SPECT/CT with (99m)Tc- and (111)In-labelled albumin microspheres in treatment planning for SIRT. <i>European Radiology</i> , <b>2013</b> , 23, 3062-70	8	8
363	MR-guided periarterial ethanol injection for renal sympathetic denervation: a feasibility study in pigs. <i>CardioVascular and Interventional Radiology</i> , <b>2013</b> , 36, 791-6	2.7	20
362	Identification of the iodine concentration that yields the highest intravascular enhancement in MDCT angiography. <i>American Journal of Roentgenology</i> , <b>2013</b> , 200, 1151-6	5.4	18
361	Animal experimental evaluation of a new sealing device for indwelling arterial catheters. <i>Acta Radiologica</i> , <b>2013</b> , 54, 521-5	2	

360	High pressure versus standard port system: comparison of implantation and complications. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2012</b> , 56, 532-7	1.7	2
359	Generic integration of content-based image retrieval in computer-aided diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , <b>2012</b> , 108, 589-99	6.9	12
358	Functional MR imaging of the eustachian tube in patients with clinically proven dysfunction: correlation with lesions detected on MR images. <i>European Radiology</i> , <b>2012</b> , 22, 533-8	8	19
357	Web-based bone age assessment by content-based image retrieval for case-based reasoning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2012</b> , 7, 389-99	3.9	14
356	Contrast-enhanced MRI predicts local recurrence of osteoid osteoma after radiofrequency ablation. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2012</b> , 56, 617-21	1.7	7
355	Bile aspiration and hydrodissection to prevent complications in hepatic RFA close to the gallbladder. <i>Acta Radiologica</i> , <b>2012</b> , 53, 1045-8	2	20
354	Jugular versus subclavian totally implantable access ports: catheter position, complications and intrainterventional pain perception. <i>European Journal of Radiology</i> , <b>2011</b> , 79, 338-42	4.7	52
353	Association of aortic valve calcification severity with the degree of aortic regurgitation after transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , <b>2011</b> , 150, 142-5	3.2	145
352	Low-osmolar monomeric versus iso-osmolar dimeric contrast media: an intra-individual comparison in CT angiography using an animal model. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2011</b> , 55, 170-5	1.7	4
351	Bone age assessment by content-based image retrieval and case-based reasoning <b>2011</b> ,		2
350	Computed tomography angiography: the effect of different chaser flow rates, volumes, and fluids on contrast enhancement. <i>Investigative Radiology</i> , <b>2011</b> , 46, 271-6	10.1	13
349	Functional cardiac MR imaging with true fast imaging with steady-state free precession before and after intravenous injection of contrast medium: comparison of image quality and accuracy. <i>European Radiology</i> , <b>2011</b> , 21, 702-11	8	8
348	Automatic, three-segment, MR-based attenuation correction for whole-body PET/MR data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2011</b> , 38, 138-52	8.8	261
347	Silicon carbide as a heat-enhancing agent in microwave ablation: in vitro experiments. <i>CardioVascular and Interventional Radiology</i> , <b>2011</b> , 34, 833-8	2.7	3
346	Pull-through technique for recanalization of occluded portosystemic shunts (TIPS): technical note and review of the literature. <i>CardioVascular and Interventional Radiology</i> , <b>2011</b> , 34, 406-12	2.7	15
345	Radiofrequency ablation of osteoid osteoma: initial experience with a new monopolar ablation device. <i>CardioVascular and Interventional Radiology</i> , <b>2011</b> , 34, 579-84	2.7	20
344	Towards case-based medical learning in radiological decision making using content-based image retrieval. <i>BMC Medical Informatics and Decision Making</i> , <b>2011</b> , 11, 68	3.6	15
343	Volumetric arterial enhancement fraction predicts tumor recurrence after hepatic radiofrequency ablation of liver metastases: initial results. <i>American Journal of Roentgenology</i> , <b>2011</b> , 196, W573-9	5.4	16

342	Free-hand CT-based electromagnetically guided interventions: accuracy, efficiency and dose usage. <i>Minimally Invasive Therapy and Allied Technologies</i> , <b>2011</b> , 20, 226-33	2.1	23
341	Magnetic resonance-guided cardiac interventions using magnetic resonance-compatible devices: a preclinical study and first-in-man congenital interventions. <i>Circulation: Cardiovascular Interventions</i> , <b>2010</b> , 3, 585-92	6	66
340	Multi-slice computed tomography: A tool for non-invasive temperature measurement?. <i>International Journal of Hyperthermia</i> , <b>2010</b> , 26, 359-65	3.7	23
339	Content-based image retrieval applied to bone age assessment <b>2010</b> ,		11
338	Rapid right ventricular pacing with MR-compatible pacemaker lead for MR-guided aortic balloon valvuloplasty in swine. <i>Radiology</i> , <b>2010</b> , 255, 799-804	20.5	5
337	Application of magnetic resonance imaging in transgenic and chemical mouse models of hepatocellular carcinoma. <i>Molecular Cancer</i> , <b>2010</b> , 9, 94	42.1	17
336	Effect of different saline chaser volumes and flow rates on intravascular contrast enhancement in CT using a circulation phantom. <i>European Journal of Radiology</i> , <b>2010</b> , 73, 688-93	4.7	31
335	Comparison of conventional time-intensity curves vs. maximum intensity over time for post-processing of dynamic contrast-enhanced ultrasound. <i>European Journal of Radiology</i> , <b>2010</b> , 75, e149-53	4.7	38
334	Semiautomated versus manual evaluation of liver metastases treated by radiofrequency ablation. <i>Journal of Vascular and Interventional Radiology</i> , <b>2010</b> , 21, 245-51	2.4	11
333	Exemplary design of a DICOM structured report template for CBIR integration into radiological routine <b>2010</b> ,		4
332	Dose reduction for semi-automated volumetry of hepatic metastasis in MDCT studies. <i>Investigative Radiology</i> , <b>2010</b> , 45, 77-81	10.1	8
331	Magnetic resonance imaging of the cardiac venous system and magnetic resonance-guided intubation of the coronary sinus in swine: a feasibility study. <i>Investigative Radiology</i> , <b>2010</b> , 45, 502-6	10.1	11
330	A concept for magnetic resonance visualization of surgical textile implants. <i>Investigative Radiology</i> , <b>2010</b> , 45, 477-83	10.1	34
329	Registration of coronary venous anatomy to the site of the latest mechanical contraction. <i>Acta Cardiologica</i> , <b>2010</b> , 65, 161-70	0.9	3
328	Comparison of dual-source CT angiography and MR angiography in preoperative evaluation of intra- and extracranial vessels: a pilot study. <i>European Radiology</i> , <b>2010</b> , 20, 469-76	8	30
327	Intra-individual comparison of different contrast media concentrations (300 mg, 370 mg and 400 mg iodine) in MDCT. <i>European Radiology</i> , <b>2010</b> , 20, 1644-50	8	32
326	A trucut biopsy needle for bipolar radiofrequency ablation of needle tract: a proof-of-concept experiment. <i>European Radiology</i> , <b>2010</b> , 20, 2000-4	8	4
325	Robot arm based flat panel CT-guided electromagnetic tracked spine interventions: phantom and animal model experiments. <i>European Radiology</i> , <b>2010</b> , 20, 2656-62	8	23

324	Thermoablation of malignant kidney tumors using magnetic nanoparticles: an in vivo feasibility study in a rabbit model. <i>CardioVascular and Interventional Radiology</i> , <b>2010</b> , 33, 127-34	2.7	31
323	Radiofrequency ablation of liver metastases-software-assisted evaluation of the ablation zone in MDCT: tumor-free follow-up versus local recurrent disease. <i>CardioVascular and Interventional Radiology</i> , <b>2010</b> , 33, 297-306	2.7	12
322	Central vein dilatation prior to concomitant port implantation. <i>CardioVascular and Interventional Radiology</i> , <b>2010</b> , 33, 362-6	2.7	2
321	Quantitation of the thickness of the non-enhanced myocardial rim predicts recovery of territorial myocardial function in chronic ischemic heart disease: a cardiac magnetic resonance imaging study. <i>Clinical Research in Cardiology</i> , <b>2010</b> , 99, 293-300	6.1	5
320	Workflow management of content-based image retrieval for CAD support in PACS environments based on IHE. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2010</b> , 5, 393-400	3.9	15
319	Combined DICOM and HL7 Viewer in Support of a Bridge from Content-Based Image Retrieval to Computer-Aided Diagnosis. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 145-152		2
318	Interventional management of a renal cell carcinoma by radiofrequency ablation with tagging and cooling. <i>Korean Journal of Radiology</i> , <b>2009</b> , 10, 523-6	6.9	4
317	MR-based attenuation correction for a whole-body sequential PET/MR system <b>2009</b> ,		40
316	Association of fetuin-A levels with the progression of aortic valve calcification in non-dialyzed patients. <i>European Heart Journal</i> , <b>2009</b> , 30, 2054-61	9.5	50
315	RECIST and WHO criteria evaluation of cervical, thoracic and abdominal lymph nodes in patients with malignant lymphoma: manual versus semi-automated measurement on standard MDCT slices. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2009</b> , 181, 888-95	2.3	11
314	Flow-targeted inversion-prepared b-TFE coronary MR angiography: initial results in patients. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2009</b> , 181, 1050-5	2.3	1
313	Local ablative therapies in HCC: percutaneous ethanol injection and radiofrequency ablation. <i>Digestive Diseases</i> , <b>2009</b> , 27, 148-56	3.2	28
312	Molecular magnetic resonance imaging of myocardial perfusion with EP-3600, a collagen-specific contrast agent: initial feasibility study in a swine model. <i>Circulation</i> , <b>2009</b> , 119, 1768-75	16.7	50
311	Carotid plaque analysis: comparison of dual-source computed tomography (CT) findings and histopathological correlation. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2009</b> , 38, 14-9	2.3	62
310	Dual-Source CT-Angiographie von Karotisstenosen im Vergleich zu MR-Angiographie und Duplexsonographie. <i>Gefasschirurgie</i> , <b>2009</b> , 14, 500-504	0.3	0
309	Impact of different vein catheter sizes for mechanical power injection in CT: in vitro evaluation with use of a circulation phantom. <i>CardioVascular and Interventional Radiology</i> , <b>2009</b> , 32, 25-31	2.7	29
308	Multidetector computed tomography (MDCT) evaluation of myocardial viability: intraindividual comparison of monomeric vs. dimeric contrast media in a rabbit model. <i>European Radiology</i> , <b>2009</b> , 19, 290-7	8	10
307	Electromagnetic tracking for CT-guided spine interventions: phantom, ex-vivo and in-vivo results. <i>European Radiology</i> , <b>2009</b> , 19, 990-4	8	36

306	Automated measurement of lymph nodes: a phantom study. <i>European Radiology</i> , <b>2009</b> , 19, 1079-86	8	17
305	Gd-BOPTA for assessment of myocardial viability on MRI: changes of T1 value and their impact on delayed enhancement. <i>European Radiology</i> , <b>2009</b> , 19, 2136-46	8	12
304	Value of conventional chest radiography for the detection of coronary calcifications: comparison with MSCT. <i>European Journal of Radiology</i> , <b>2009</b> , 69, 510-6	4-7	8
303	Functional imaging in the assessment of myocardial infarction: MR imaging vs. MDCT vs. SPECT. <i>European Journal of Radiology</i> , <b>2009</b> , 71, 480-5	4-7	13
302	Short- and long-term retrievability of the Celect vena cava filter: results from a multi-institutional registry. <i>Journal of Vascular and Interventional Radiology</i> , <b>2009</b> , 20, 1441-8	2-4	67
301	Contrast enhancement in chest multidetector computed tomography: intraindividual comparison of 300 mg/ml versus 400 mg/ml iodinated contrast medium. <i>Academic Radiology</i> , <b>2009</b> , 16, 144-9	4-3	24
300	Image fusion in dual energy computed tomography: effect on contrast enhancement, signal-to-noise ratio and image quality in computed tomography angiography. <i>Investigative Radiology</i> , <b>2009</b> , 44, 1-6	10.1	106
299	Preclinical evaluation of a novel fiber compound MR guidewire in vivo. <i>Investigative Radiology</i> , <b>2009</b> , 44, 390-7	10.1	20
298	Flow targeted 3D steady-state free-precession coronary MR angiography: comparison of three different imaging approaches. <i>Investigative Radiology</i> , <b>2009</b> , 44, 757-62	10.1	7
297	Integration of CBIR in radiological routine in accordance with IHE <b>2009</b> ,		3
296	Left ventricular function can reliably be assessed from dual-source CT using ECG-gated tube current modulation. <i>Investigative Radiology</i> , <b>2009</b> , 44, 384-9	10.1	26
295	Comparison of manual, semi- and fully automated heart segmentation for assessing global left ventricular function in multidetector computed tomography. <i>Investigative Radiology</i> , <b>2009</b> , 44, 476-82	10.1	22
294	Semi-automated quantification of hepatic lesions in a phantom. <i>Investigative Radiology</i> , <b>2009</b> , 44, 82-8	10.1	30
293	Structural scene analysis and content-based image retrieval applied to bone age assessment <b>2009</b> ,		4
292	Molecular magnetic resonance imaging of deep vein thrombosis using a fibrin-targeted contrast agent: a feasibility study. <i>Investigative Radiology</i> , <b>2009</b> , 44, 146-50	10.1	27
291	Global left ventricular function: assessment with dual-source CT versus conventional ventriculography in a porcine model. <i>Acta Cardiologica</i> , <b>2009</b> , 64, 311-9	0.9	2
290	Synthesis, physicochemical characterization and MR relaxometry of aqueous ferrofluids. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 2399-409	1.3	23
289	Carbon dioxide contrast agent for CT arteriography: results in a porcine model. <i>Journal of Vascular and Interventional Radiology</i> , <b>2008</b> , 19, 1055-64	2.4	8



288	Performance evaluation of a computer-aided detection algorithm for solid pulmonary nodules in low-dose and standard-dose MDCT chest examinations and its influence on radiologists. <i>British Journal of Radiology</i> , <b>2008</b> , 81, 841-7	3.4	29
287	Fluid-modulated bipolar radiofrequency ablation: an ex-vivo evaluation study. <i>Acta Radiologica</i> , <b>2008</b> , 49, 258-66	2	23
286	Current Status of Lung Ventilation Imaging with Magnetic Resonance Ventilation Scanning Using Aerosolized Contrast Agents. <i>Current Respiratory Medicine Reviews</i> , <b>2008</b> , 4, 19-22	0.3	
285	Bipolar radiofrequency ablation: is the shape of the coagulation volume different in comparison to monopolar RF-ablation using variable active tip lengths?. <i>Minimally Invasive Therapy and Allied Technologies</i> , <b>2008</b> , 17, 267-74	2.1	16
284	Assessment of global right ventricular function on 64-MDCT compared with MRI. <i>American Journal of Roentgenology</i> , <b>2008</b> , 190, 1358-61	5.4	70
283	Intraindividual comparison of contrast media concentrations for combined abdominal and thoracic MDCT. <i>American Journal of Roentgenology</i> , <b>2008</b> , 191, 145-50	5.4	33
282	Dose reduction during CT fluoroscopy: phantom study of angular beam modulation. <i>Radiology</i> , <b>2008</b> , 246, 519-25	20.5	55
281	Multipolar hepatic radiofrequency ablation using up to six applicators: preliminary results. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2008</b> , 180, 216-22	2.3	13
280	Prospective evaluation of image quality with use of a patient image gallery for dose reduction in pediatric 16-MDCT. <i>American Journal of Roentgenology</i> , <b>2008</b> , 190, 467-73	5.4	5
279	Introduction of a dedicated circulation phantom for comprehensive in vitro analysis of intravascular contrast material application. <i>Investigative Radiology</i> , <b>2008</b> , 43, 729-36	10.1	10
278	Integration of a research CBIR system with RIS and PACS for radiological routine <b>2008</b> ,		3
277	Computer-aided measurements of pulmonary emphysema in chest multidetector-row spiral computed tomography: effect of image reconstruction parameters. <i>Journal of Computer Assisted Tomography</i> , <b>2008</b> , 32, 899-904	2.2	11
276	Magnetic resonance-guided angioplasty with delivery of contrast-media doped solutions to the vessel wall: an experimental study in swine. <i>Investigative Radiology</i> , <b>2008</b> , 43, 530-7	10.1	12
275	Imaging of the coronary venous system in patients with congestive heart failure: comparison of 16 slice MSCT and retrograde coronary sinus venography: comparative imaging of coronary venous system. <i>International Journal of Cardiovascular Imaging</i> , <b>2008</b> , 24, 783-91	2.5	15
274	Percutaneous transgastric snaring for repositioning of a dislocated internal drain from a pancreatic pseudocyst. <i>CardioVascular and Interventional Radiology</i> , <b>2008</b> , 31 Suppl 2, S217-20	2.7	9
273	Aneurysm Sac pressure measurement with minimally invasive implantable pressure sensors: an alternative to current surveillance regimes after EVAR?. <i>CardioVascular and Interventional Radiology</i> , <b>2008</b> , 31, 460-7	2.7	31
272	Imaging of the coronary venous system: validation of three-dimensional rotational venous angiography against dual-source computed tomography. <i>CardioVascular and Interventional Radiology</i> , <b>2008</b> , 31, 1150-8	2.7	13
271	Magnetic thermal ablation using ferrofluids: influence of administration mode on biological effect in different porcine tissues. <i>CardioVascular and Interventional Radiology</i> , <b>2008</b> , 31, 1193-9	2.7	6

270	Feasibility and initial experience of assessment of mechanical dyssynchrony using cardiovascular magnetic resonance and semi-automatic border detection. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2008</b> , 10, 49	6.9	21
269	Imaging of congenital anomalies and acquired lesions of the inner ear. <i>European Radiology</i> , <b>2008</b> , 18, 319-30	8	19
268	Flat panel computed tomography for non-invasive flow measurement: initial results in in-vitro studies. <i>European Radiology</i> , <b>2008</b> , 18, 747-52	8	3
267	Contrast enhancement in multidetector-row computed tomography (MDCT) of the abdomen: intraindividual comparison of contrast media containing 300 mg versus 370 mg iodine per ml. <i>European Radiology</i> , <b>2008</b> , 18, 1199-205	8	12
266	Computer-aided detection of pulmonary embolism: influence on radiologists' detection performance with respect to vessel segments. <i>European Radiology</i> , <b>2008</b> , 18, 1350-5	8	41
265	MDCT angiography of the pulmonary arteries: intravascular contrast enhancement does not depend on iodine concentration when injecting equal amounts of iodine at standardized iodine delivery rates. <i>European Radiology</i> , <b>2008</b> , 18, 1690-5	8	23
264	MR imaging of thrombi using EP-2104R, a fibrin-specific contrast agent: initial results in patients. <i>European Radiology</i> , <b>2008</b> , 18, 1995-2005	8	157
263	Comparison of image quality in magnetic resonance imaging of the knee at 1.5 and 3.0 Tesla using 32-channel receiver coils. <i>European Radiology</i> , <b>2008</b> , 18, 2258-64	8	15
262	Semi-automated measurement of hyperdense, hypodense and heterogeneous hepatic metastasis on standard MDCT slices. Comparison of semi-automated and manual measurement of RECIST and WHO criteria. <i>European Radiology</i> , <b>2008</b> , 18, 2456-65	8	52
261	Which Iodine concentration in chest CT?--a prospective study in 300 patients. <i>European Radiology</i> , <b>2008</b> , 18, 2826-32	8	42
260	Bronchialkarzinom und Lungenrundherde <b>2008</b> , 249-256		
259	Techniques of interventional tumor therapy. <i>Deutsches Arzteblatt International</i> , <b>2008</b> , 105, 646-53	2.5	10
258	MDCT detection of mitral valve calcification: prevalence and clinical relevance compared with echocardiography. <i>American Journal of Roentgenology</i> , <b>2007</b> , 188, 1264-9	5.4	41
257	Cardiac amyloidosis: MR imaging findings and T1 quantification, comparison with control subjects. <i>Journal of Magnetic Resonance Imaging</i> , <b>2007</b> , 25, 1283-7	5.6	38
256	Evaluation of femoral head vascularization in slipped capital femoral epiphysis before and after cannulated screw fixation with use of contrast-enhanced MRI: initial results. <i>European Radiology</i> , <b>2007</b> , 17, 163-8	8	17
255	The accuracy of 1- and 3-mm slices in coronary calcium scoring using multi-slice CT in vitro and in vivo. <i>European Radiology</i> , <b>2007</b> , 17, 321-9	8	24
254	Asbestos Surveillance Program Aachen (ASPA): initial results from baseline screening for lung cancer in asbestos-exposed high-risk individuals using low-dose multidetector-row CT. <i>European Radiology</i> , <b>2007</b> , 17, 1193-9	8	47
253	Cardiac CT: coronary arteries and beyond. <i>European Radiology</i> , <b>2007</b> , 17, 994-1008	8	41



252	Quantitative prediction of contrast enhancement from test bolus data in cardiac MSCT. <i>European Radiology</i> , <b>2007</b> , 17, 1310-9	8	24
251	Characterization of myocardial viability using MR and CT imaging. <i>European Radiology</i> , <b>2007</b> , 17, 1433-448		21
250	Evaluation of automated attenuation-based tube current adaptation for coronary calcium scoring in MDCT in a cohort of 262 patients. <i>European Radiology</i> , <b>2007</b> , 17, 1850-7	8	14
249	Reliable 5-min real-time MR technique for left-ventricular-wall motion analysis. <i>European Radiology</i> , <b>2007</b> , 17, 1836-41	8	1
248	Accuracy of automated volumetry of pulmonary nodules across different multislice CT scanners. <i>European Radiology</i> , <b>2007</b> , 17, 1979-84	8	64
247	Late-phase MSCT in the different stages of myocardial infarction: animal experiments. <i>European Radiology</i> , <b>2007</b> , 17, 2310-7	8	29
246	A newly developed perfused umbrella electrode for radiofrequency ablation: an ex vivo evaluation study in bovine liver. <i>CardioVascular and Interventional Radiology</i> , <b>2007</b> , 30, 992-8	2.7	9
245	A 2-year prospective study of bone metabolism and bone mineral density in adolescents with anorexia nervosa. <i>Journal of Neural Transmission</i> , <b>2007</b> , 114, 1611-8	4.3	28
244	Evaluation of aortocoronary bypass stents with cardiac MDCT compared with conventional catheter angiography. <i>American Journal of Roentgenology</i> , <b>2007</b> , 188, 361-9	5.4	9
243	Initial and mid-term results of a 4F compatible self-expanding low strut profile nitinol stent in the superficial femoral artery. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2007</b> , 179, 733-8	2.3	3
242	Long-term retrieval of modified Gbther Tulip vena cava Filters: an animal study. <i>Investigative Radiology</i> , <b>2007</b> , 42, 692-6	10.1	3
241	Molecular MR imaging of human thrombi in a swine model of pulmonary embolism using a fibrin-specific contrast agent. <i>Investigative Radiology</i> , <b>2007</b> , 42, 586-95	10.1	49
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