

Martin R Prince

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.

335
papers

14,433
citations

62
h-index

110
g-index

360
ext. papers

16,269
ext. citations

6.7
avg, IF

6.26
L-index

#	Paper	IF	Citations
335	IRIS-Intelligent Rapid Interactive Segmentation for Measuring Liver Cyst Volumes in Autosomal Dominant Polycystic Kidney Disease.. <i>Tomography</i> , 2022 , 8, 447-456	3.1	0
334	Predictors of biliary intervention in patients hospitalized for COVID-19.. <i>Abdominal Radiology</i> , 2022 , 47, 1891	3	0
333	Machine Learning Based Prediction Model for Closed-Loop Small Bowel Obstruction Using Computed Tomography and Clinical Findings.. <i>Journal of Computer Assisted Tomography</i> , 2022 , 46, 169-174	2.2	0
332	Deployed Deep Learning Kidney Segmentation for Polycystic Kidney Disease MRI.. <i>Radiology: Artificial Intelligence</i> , 2022 , 4, e210205	8.7	0
331	MR Angiography Series: Abdominal and Pelvic MR Angiography.. <i>Radiographics</i> , 2022 , 210224	5.4	0
330	Quantitative transport mapping (QTM) for differentiating benign and malignant breast lesion: Comparison with traditional kinetics modeling and semi-quantitative enhancement curve characteristics. <i>Magnetic Resonance Imaging</i> , 2021 , 86, 86-93	3.3	1
329	The appearance of magnetic susceptibility objects in SWI phase depends on object size: Comparison with QSM and CT. <i>Clinical Imaging</i> , 2021 , 82, 67-72	2.7	0
328	Detection of and Somatic Variants in Autosomal Dominant Polycystic Kidney Cyst Epithelial Cells by Whole-Genome Sequencing. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	2
327	Trimetazidine reduces contrast-induced nephropathy in patients with renal insufficiency undergoing coronary angiography and angioplasty: A systematic review and meta-analysis (PRISMA). <i>Medicine (United States)</i> , 2021 , 100, e24603	1.8	0
326	Hiatal hernia prevalence and natural history on non-contrast CT in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>BMJ Open Gastroenterology</i> , 2021 , 8,	3.9	3
325	Simultaneous hepatic iron and fat quantification with dual-energy CT in a rabbit model of coexisting iron and fat. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 2001-2012	3.6	2
324	Ferumoxitol-enhanced vascular suppression in magnetic resonance neurography. <i>Skeletal Radiology</i> , 2021 , 50, 2255-2266	2.7	1
323	Aortic enlargement in chronic obstructive pulmonary disease (COPD) and emphysema: The Multi-Ethnic Study of Atherosclerosis (MESA) COPD study. <i>International Journal of Cardiology</i> , 2021 , 331, 214-220	3.2	4
322	Pulmonary Embolism in Hospitalized Patients with COVID-19: A Multicenter Study. <i>Radiology</i> , 2021 , 301, E426-E433	20.5	8
321	Utilization of radiomics to predict long-term outcome of magnetic resonance-guided focused ultrasound ablation therapy in adenomyosis. <i>European Radiology</i> , 2021 , 31, 392-402	8	2
320	Quantitative transport mapping (QTM) of the kidney with an approximate microvascular network. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 2247-2262	4.4	4
319	Prevalence of Inferior Vena Cava Compression in ADPKD. <i>Kidney International Reports</i> , 2021 , 6, 168-178	4.1	1

318	Multivariate analysis of CT imaging, laboratory, and demographical features for prediction of acute kidney injury in COVID-19 patients: a Bi-centric analysis. <i>Abdominal Radiology</i> , 2021 , 46, 1651-1658	3	9
317	Deep neural network for water/fat separation: Supervised training, unsupervised training, and no training. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 2263-2277	4.4	3
316	Integrated quantitative susceptibility and R * mapping for evaluation of liver fibrosis: An ex vivo feasibility study. <i>NMR in Biomedicine</i> , 2021 , 34, e4412	4.4	2
315	Hemorrhagic Cysts and Other MR Biomarkers for Predicting Renal Dysfunction Progression in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 564-576	5.6	0
314	Multispectral Imaging for Metallic Biopsy Marker Detection During MRI-Guided Breast Biopsy: A Feasibility Study for Clinical Translation. <i>Frontiers in Oncology</i> , 2021 , 11, 605014	5.3	
313	Reply to "the impact of mechanical properties on aortic dilation in patients with COPD and emphysema". <i>International Journal of Cardiology</i> , 2021 , 334, 125	3.2	
312	Predictors of acute deep venous thrombosis in patients hospitalized for COVID-19. <i>Medicine (United States)</i> , 2021 , 100, e27216	1.8	0
311	Cardiac structural changes after transcatheter aortic valve replacement: systematic review and meta-analysis of cardiovascular magnetic resonance studies. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 41	6.9	2
310	Patient-Level, Institutional, and Temporal Variations in Use of Imaging Modalities to Confirm Pulmonary Embolism. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010651	3.9	5
309	Comparing mono-exponential, bi-exponential, and stretched-exponential diffusion-weighted MR imaging for stratifying non-alcoholic fatty liver disease in a rabbit model. <i>European Radiology</i> , 2020 , 30, 6022-6032	8	1
308	Utility of dynamic MRA in the evaluation of male erectile dysfunction. <i>Abdominal Radiology</i> , 2020 , 45, 1990-2000	3	
307	Re: Risk scoring system with MRI for intraoperative massive hemorrhage in placenta previa and accreta. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 959-960	5.6	1
306	Dipole modeling of multispectral signal for detecting metallic biopsy markers during MRI-guided breast biopsy: a pilot study. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1380-1389	4.4	1
305	Deep semantic lung segmentation for tracking potential pulmonary perfusion biomarkers in chronic obstructive pulmonary disease (COPD): The multi-ethnic study of atherosclerosis COPD study. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 571-579	5.6	7
304	Evaluation of diffusion kurtosis imaging in stratification of nonalcoholic fatty liver disease and early diagnosis of nonalcoholic steatohepatitis in a rabbit model. <i>Magnetic Resonance Imaging</i> , 2019 , 63, 267-273	3.3	3
303	Pelvic cardiovascular magnetic resonance venography: venous changes with patient position and hydration status. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 3	6.9	7
302	Patents on Quantitative Susceptibility Mapping (QSM) of Tissue Magnetism. <i>Recent Patents on Biotechnology</i> , 2019 , 13, 90-113	2.2	1
301	Preoperative cross-sectional mapping for deep inferior epigastric and profunda artery perforator flaps. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S131-S142	2.6	11

300	Reproducibility and Changes in Vena Caval Blood Flow by Using 4D Flow MRI in Pulmonary Emphysema and Chronic Obstructive Pulmonary Disease (COPD): The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Substudy. <i>Radiology</i> , 2019 , 292, 585-594	20.5	9
299	A Systematic Review of 639 Patients with Biopsy-confirmed Nephrogenic Systemic Fibrosis. <i>Radiology</i> , 2019 , 292, 376-386	20.5	45
298	Multicenter Safety and Practice for Off-Label Diagnostic Use of Ferumoxytol in MRI. <i>Radiology</i> , 2019 , 293, 554-564	20.5	50
297	MR Angiography of the Prostate Arteries: Benefit prior to Prostate Embolization. <i>Radiology</i> , 2019 , 291, 379-380	20.5	1
296	Free breathing three-dimensional cardiac quantitative susceptibility mapping for differential cardiac chamber blood oxygenation - initial validation in patients with cardiovascular disease inclusive of direct comparison to invasive catheterization. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 70	6.9	5
295	MRI in autosomal dominant polycystic kidney disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 41-51	5.6	4
294	Rapid automated liver quantitative susceptibility mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 725-732	5.6	14
293	Sliding motion compensated low-rank plus sparse (SMC-LS) reconstruction for high spatiotemporal free-breathing liver 4D DCE-MRI. <i>Magnetic Resonance Imaging</i> , 2019 , 58, 56-66	3.3	4
292	Relationship of Seminal Megavesicles, Prostate Median Cysts, and Genotype in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 894-903	5.6	2
291	MRI and CT contrast media extravasation: A systematic review. <i>Medicine (United States)</i> , 2018 , 97, e00551.8	1.8	26
290	Quantitative susceptibility mapping (QSM) minimizes interference from cellular pathology in R2* estimation of liver iron concentration. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1069-1079	5.6	31
289	Human airway branch variation and chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E974-E981	11.5	53
288	Notice of Withdrawal: MR Imaging and Gadolinium: Reassessing the Risk of Nephrogenic Systemic Fibrosis in Patients with Severe Renal Disease. <i>Radiology</i> , 2018 , 286, 120-121	20.5	5
287	Potential role of lipoic acid as a chelator in prevention and treatment of gadolinium brain retention. <i>Medical Hypotheses</i> , 2018 , 114, 29	3.8	1
286	Dentate Nucleus Signal Intensity Decrease on T1-weighted MR Images after Switching from Gadopentetate Dimeglumine to Gadobutrol. <i>Radiology</i> , 2018 , 287, 816-823	20.5	22
285	Bone quantitative susceptibility mapping using a chemical species-specific R2* signal model with ultrashort and conventional echo data. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 121-128	4.4	41
284	Comparison of MRI segmentation techniques for measuring liver cyst volumes in autosomal dominant polycystic kidney disease. <i>Clinical Imaging</i> , 2018 , 47, 41-46	2.7	7
283	Immediate Allergic Reactions to Gadolinium-based Contrast Agents: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2018 , 286, 471-482	20.5	67

282	Vastly accelerated linear least-squares fitting with numerical optimization for dual-input delay-compensated quantitative liver perfusion mapping. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2415-2421 ⁴	4.4	14
281	Plastic surgeons' opinions and practices regarding compatibility of MRI and breast tissue expanders. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018 , 71, 1123-1128	1.7	1
280	Brain Iron Distribution after Multiple Doses of Ultra-small Superparamagnetic Iron Oxide Particles in Rats. <i>Comparative Medicine</i> , 2018 , 68, 139-147	1.6	6
279	Imaging for Diagnosis and Monitoring of Cardiac Sarcoidosis. <i>International Journal of Cardiovascular Practice</i> , 2018 , 3, 21-24	0	
278	Immediate reaction to gadolinium based contrast agent with fatal outcome. <i>Radiology Case Reports</i> , 2018 , 13, 1091-1092	1	3
277	Gadolinium Retention: A Research Roadmap from the 2018 NIH/ACR/RSNA Workshop on Gadolinium Chelates. <i>Radiology</i> , 2018 , 289, 517-534	20.5	136
276	Bladder diverticuli following injection of onabotulinum toxin A in a patient with multiple sclerosis and autosomal dominant polycystic kidney disease. <i>Radiology Case Reports</i> , 2018 , 13, 1021-1024	1	1
275	Safety of gadobutrol in over 23,000 patients: the GARDIAN study, a global multicentre, prospective, non-interventional study. <i>European Radiology</i> , 2017 , 27, 286-295	8	24
274	Additive value of non-contrast MRA in the preoperative evaluation of potential liver donors. <i>Clinical Imaging</i> , 2017 , 41, 132-136	2.7	2
273	Automating Perforator Flap MRA and CTA Reporting. <i>Journal of Digital Imaging</i> , 2017 , 30, 350-357	5.3	7
272	Can diffusion-weighted imaging serve as a biomarker of fibrosis in pancreatic adenocarcinoma?. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 393-402	5.6	20
271	Serial cardiac MRIs in adult Fontan patients detect progressive hepatic enlargement and congestion. <i>Congenital Heart Disease</i> , 2017 , 12, 153-158	3.1	5
270	Clinical quantitative susceptibility mapping (QSM): Biometal imaging and its emerging roles in patient care. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 951-971	5.6	128
269	Effect of MRI on breast tissue expanders and recommendations for safe use. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017 , 70, 1702-1707	1.7	7
268	Pulmonary vascular volume, impaired left ventricular filling and dyspnea: The MESA Lung Study. <i>PLoS ONE</i> , 2017 , 12, e0176180	3.7	35
267	Pulmonary hyperinflation due to gas trapping and pulmonary artery size: The MESA COPD Study. <i>PLoS ONE</i> , 2017 , 12, e0176812	3.7	8
266	Complex liver cysts in Autosomal Dominant Polycystic Kidney Disease. <i>Clinical Imaging</i> , 2017 , 46, 98-101	2.7	3
265	Nonlinear profile order for three-dimensional hybrid radial acquisition applied to self-gated free-breathing cardiac cine MRI. <i>Chinese Physics B</i> , 2017 , 26, 018701	1.2	

264	Extent of Signal Hyperintensity on Unenhanced T1-weighted Brain MR Images after More than 35 Administrations of Linear Gadolinium-based Contrast Agents. <i>Radiology</i> , 2017 , 282, 516-525	20.5	76
263	Breast Tissue Expanders with Magnetic Ports: Clinical Experience at 1.5 T. <i>Plastic and Reconstructive Surgery</i> , 2016 , 138, 1171-1178	2.7	15
262	Quantitative evaluation of gadoxetate hepatocyte phase homogeneity: potential imaging markers for detection of early cirrhosis. <i>Clinical Imaging</i> , 2016 , 40, 979-86	2.7	2
261	Signal Change in the Dentate Nucleus on T1-Weighted MR Images After Multiple Administrations of Gadopentetate Dimeglumine Versus Gadobutrol. <i>American Journal of Roentgenology</i> , 2016 , 206, 414-54	5.4	134
260	25 Years of Contrast-Enhanced MRI: Developments, Current Challenges and Future Perspectives. <i>Advances in Therapy</i> , 2016 , 33, 1-28	4.1	211
259	Reduced long axis strain is associated with heart failure and cardiovascular events in the multi-ethnic study of Atherosclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 178-85	5.6	16
258	Preventing Allergic Reactions to Gadolinium-Based Contrast Agents. <i>Topics in Magnetic Resonance Imaging</i> , 2016 , 25, 275-279	2.3	9
257	Effect of Renal Function on Gadolinium-Related Signal Increases on Unenhanced T1-Weighted Brain Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2016 , 51, 677-682	10.1	36
256	Pancreatic Cysts in Autosomal Dominant Polycystic Kidney Disease: Prevalence and Association with PKD2 Gene Mutations. <i>Radiology</i> , 2016 , 280, 762-70	20.5	28
255	Gadobutrol for contrast-enhanced magnetic resonance imaging in elderly patients: review of the safety profile from clinical trial, post-marketing surveillance, and pharmacovigilance data. <i>Clinical Radiology</i> , 2015 , 70, 743-51	2.9	16
254	The association between cardiovascular risk and cardiovascular magnetic resonance measures of fibrosis: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 15	6.9	28
253	Lessons on Quality Control in Large Scale Imaging Trials: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Current Cardiovascular Imaging Reports</i> , 2015 , 8, 1	0.7	2
252	Reproducibility of quantitative susceptibility mapping in the brain at two field strengths from two vendors. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 1592-600	5.6	69
251	Reducing Interruptions in the Reading Room: Standardized CT/MRI Contrast Orders. <i>Journal of the American College of Radiology</i> , 2015 , 12, 1196-9	3.5	3
250	Gadofosveset trisodium-enhanced MR angiography for detection of lower gastrointestinal bleeding. <i>Clinical Imaging</i> , 2015 , 39, 1052-5	2.7	2
249	Quantification of cerebral perfusion using dynamic quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1540-8	4.4	22
248	Patch based reconstruction of undersampled data (PROUD) for high signal-to-noise ratio and high frame rate contrast enhanced liver imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 74, 1587-97	4.4	4
247	Algorithm for fast monoexponential fitting based on Auto-Regression on Linear Operations (ARLO) of data. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 843-50	4.4	33

246	Cisterna chyli in autosomal dominant polycystic kidney disease. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 142-8	5.6	5
245	Free-Breathing 3D Imaging of Right Ventricular Structure and Function Using Respiratory and Cardiac Self-Gated Cine MRI. <i>BioMed Research International</i> , 2015 , 2015, 819102	3	6
244	Left ventricle: fully automated segmentation based on spatiotemporal continuity and myocardium information in cine cardiac magnetic resonance imaging (LV-FAST). <i>BioMed Research International</i> , 2015 , 2015, 367583	3	16
243	Seminal megavesicle in autosomal dominant polycystic kidney disease. <i>Clinical Imaging</i> , 2015 , 39, 289-92	2.7	15
242	Autologous breast reconstruction: preoperative magnetic resonance angiography for perforator flap vessel mapping. <i>Journal of Reconstructive Microsurgery</i> , 2015 , 31, 1-11	2.5	12
241	Pulmonary Microvascular Blood Flow in Mild Chronic Obstructive Pulmonary Disease and Emphysema. The MESA COPD Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 570-80	10.2	95
240	Reconstruction of highly under-sampled dynamic MRI using sparse representation of 1D temporal snippets 2015 ,		2
239	Stenting and medical therapy for atherosclerotic renal-artery stenosis. <i>New England Journal of Medicine</i> , 2014 , 370, 13-22	59.2	604
238	Cor pulmonale parvus in chronic obstructive pulmonary disease and emphysema: the MESA COPD study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2000-9	15.1	63
237	The relationship of left ventricular trabeculation to ventricular function and structure over a 9.5-year follow-up: the MESA study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1971-80	15.1	123
236	Morphine three-dimensional T1 gadoxetate MR cholangiography of potential living related liver donors. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 584-9	5.6	3
235	An evaluation of the sensitivity of MRI at detecting hepatocellular carcinoma in cirrhotic patients utilizing an explant reference standard. <i>Clinical Imaging</i> , 2014 , 38, 693-7	2.7	4
234	Direct coronary motion extraction from a 2D fat image navigator for prospectively gated coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2014 , 71, 599-607	4.4	25
233	Flow compensated quantitative susceptibility mapping for venous oxygenation imaging. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 438-45	4.4	84
232	Nephrogenic systemic fibrosis risk and liver disease. <i>International Journal of Nephrology</i> , 2014 , 2014, 679605	1.7	5
231	Self-gated free-breathing 3D coronary CINE imaging with simultaneous water and fat visualization. <i>PLoS ONE</i> , 2014 , 9, e89315	3.7	11
230	How accurate is MOLLI T1 mapping in vivo? Validation by spin echo methods. <i>PLoS ONE</i> , 2014 , 9, e107323	3.7	8
229	Fast 3D contrast enhanced MRI of the liver using temporal resolution acceleration with constrained evolution reconstruction. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 370-81	4.4	37

228	Impact of epoetin alfa on left ventricular structure, function, and pressure volume relations as assessed by cardiac magnetic resonance: the heart failure preserved ejection fraction (HFPEF) anemia trial. <i>Congestive Heart Failure</i> , 2013 , 19, 172-9		2
227	Improved hepatic arterial phase MRI with 3-second temporal resolution. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 1129-36	5.6	29
226	Pulmonary hyperinflation and left ventricular mass: the Multi-Ethnic Study of Atherosclerosis COPD Study. <i>Circulation</i> , 2013 , 127, 1503-11, 1511e1-6	16.7	63
225	Quantitative and semiquantitative measures of regional pulmonary microvascular perfusion by magnetic resonance imaging and their relationships to global lung perfusion and lung diffusing capacity: the multiethnic study of atherosclerosis chronic obstructive pulmonary disease study. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 1129-36	10.1	34
224	Percent emphysema and right ventricular structure and function: the Multi-Ethnic Study of Atherosclerosis-Lung and Multi-Ethnic Study of Atherosclerosis-Right Ventricle Studies. <i>Chest</i> , 2013 , 144, 136-144	5.3	58
223	Impaired left ventricular filling in COPD and emphysema: is it the heart or the lungs? The Multi-Ethnic Study of Atherosclerosis COPD Study. <i>Chest</i> , 2013 , 144, 1143-1151	5.3	67
222	Science to practice: a new insight into nephrotoxicity after contrast medium administration. <i>Radiology</i> , 2012 , 265, 651-3	20.5	1
221	Minimizing risk of nephrogenic systemic fibrosis in cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14, 31	6.9	61
220	Morphology enabled dipole inversion for quantitative susceptibility mapping using structural consistency between the magnitude image and the susceptibility map. <i>NeuroImage</i> , 2012 , 59, 2560-8	7.9	303
219	Gadofosveset trisodium-enhanced abdominal perforator MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2012 , 35, 711-6	5.6	12
218	Flip angle profile correction for T ₁ and T ₂ quantification with look-locker inversion recovery 2D steady-state free precession imaging. <i>Magnetic Resonance in Medicine</i> , 2012 , 68, 1579-85	4.4	18
217	Clinical demand for chest/abdomen/pelvis anatomy following thoracic or lumbar spine CT. <i>Emergency Radiology</i> , 2012 , 19, 211-5	3	2
216	Improved left ventricular mass quantification with partial voxel interpolation: in vivo and necropsy validation of a novel cardiac MRI segmentation algorithm. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 137-46	3.9	39
215	Normal left ventricular myocardial thickness for middle-aged and older subjects with steady-state free precession cardiac magnetic resonance: the multi-ethnic study of atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 500-8	3.9	88
214	Trabeculated (noncompacted) and compact myocardium in adults: the multi-ethnic study of atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 357-66	3.9	127
213	Technical Aspect of Contrast-Enhanced MRA 2012 , 65-73		2
212	Contrast-enhanced magnetic resonance angiography. <i>Clinics in Plastic Surgery</i> , 2011 , 38, 263-75	3	6
211	Nephrogenic systemic fibrosis: review of 370 biopsy-confirmed cases. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 1206-16	8.4	77

210	Incidence of immediate gadolinium contrast media reactions. <i>American Journal of Roentgenology</i> , 2011 , 196, W138-43	5.4	199
209	Computerized tomographic and magnetic resonance angiography for perforator-based free flaps: technical considerations. <i>Clinics in Plastic Surgery</i> , 2011 , 38, 219-28	3	8
208	Three-dimensional flow-independent balanced steady-state free precession vessel wall MRI of the popliteal artery: preliminary experience and comparison with flow-dependent black-blood techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 34, 696-701	5.6	3
207	A radial self-calibrated (RASCAL) generalized autocalibrating partially parallel acquisition (GRAPPA) method using weight interpolation. <i>NMR in Biomedicine</i> , 2011 , 24, 844-54	4.4	7
206	Z intensity-weighted position self-respiratory gating method for free-breathing 3D cardiac CINE imaging. <i>Magnetic Resonance Imaging</i> , 2011 , 29, 861-8	3.3	25
205	Anatomic imaging of abdominal perforator flaps without ionizing radiation: seeing is believing with magnetic resonance imaging angiography. <i>Journal of Reconstructive Microsurgery</i> , 2010 , 26, 37-44	2.5	32
204	Anatomic imaging of gluteal perforator flaps without ionizing radiation: seeing is believing with magnetic resonance angiography. <i>Journal of Reconstructive Microsurgery</i> , 2010 , 26, 45-57	2.5	19
203	Post-CABG coronary CT angiography: radiation dose and graft image quality in retrospective versus prospective ECG gating. <i>Academic Radiology</i> , 2010 , 17, 1122-7	4.3	9
202	Contemporary applications and limitations of magnetic resonance imaging contrast materials. <i>Journal of Urology</i> , 2010 , 183, 27-33	2.5	22
201	Gadolinium Based Contrast Agents and NSF. <i>Current Rheumatology Reviews</i> , 2010 , 6, 189-192	1.6	
200	Rapid and accurate left ventricular chamber quantification using a novel CMR segmentation algorithm: a clinical validation study. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 31, 845-53	5.6	25
199	Perforator flap magnetic resonance angiography for reconstructive breast surgery: a review of 25 deep inferior epigastric and gluteal perforator artery flap patients. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 31, 1176-84	5.6	31
198	Effect of blood flow on double inversion recovery vessel wall MRI of the peripheral arteries: quantitation with T2 mapping and comparison with flow-insensitive T2-prepared inversion recovery imaging. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 736-44	4.4	10
197	Respiratory and cardiac self-gated free-breathing cardiac CINE imaging with multiecho 3D hybrid radial SSFP acquisition. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1230-7	4.4	98
196	Unambiguous identification of superparamagnetic iron oxide particles through quantitative susceptibility mapping of the nonlinear response to magnetic fields. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 1383-9	3.3	49
195	Impact of diastolic dysfunction severity on global left ventricular volumetric filling - assessment by automated segmentation of routine cine cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010 , 12, 46	6.9	37
194	Automated segmentation of routine clinical cardiac magnetic resonance imaging for assessment of left ventricular diastolic dysfunction. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 476-84	3.9	61
193	Nephrogenic systemic fibrosis and its impact on abdominal imaging. <i>Radiographics</i> , 2009 , 29, 1565-74	5.4	73

192	Features of nephrogenic systemic fibrosis on radiology examinations. <i>American Journal of Roentgenology</i> , 2009 , 193, 61-9	5.4	9
191	¹¹ C-dihydrotetrabenazine PET of the pancreas in subjects with long-standing type 1 diabetes and in healthy controls. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 382-9	8.9	108
190	Renal artery stenosis: imaging options, pitfalls, and concerns. <i>Progress in Cardiovascular Diseases</i> , 2009 , 52, 209-19	8.5	35
189	Body magnetic resonance angiography. <i>Seminars in Roentgenology</i> , 2009 , 44, 84-98	0.8	2
188	In vivo quantification of femoral-popliteal compression during isometric thigh contraction: Assessment using MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 1116-24	5.6	14
187	Changes in hepatic venous morphology with cirrhosis on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 1085-92	5.6	20
186	Risk factors for NSF: a literature review. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 1298-308	5.6	100
185	Free-breathing 3-dimensional steady-state free precession coronary magnetic resonance angiography: comparison of four navigator gating techniques. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 807-14	3.3	15
184	Rapid automated quantification of left ventricular ejection fraction with LV-METRIC \square novel segmentation algorithm. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009 , 11,	6.9	1
183	Radiologic monitoring of hepatocellular carcinoma tumor viability after transhepatic arterial chemoembolization: estimating the accuracy of contrast-enhanced cross-sectional imaging with histopathologic correlation. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 30-8	2.4	50
182	In vivo quantification of contrast agent concentration using the induced magnetic field for time-resolved arterial input function measurement with MRI. <i>Medical Physics</i> , 2008 , 35, 5328-39	4.4	61
181	Incidence of nephrogenic systemic fibrosis at two large medical centers. <i>Radiology</i> , 2008 , 248, 807-16	20.5	241
180	Renal artery stenosis evaluation: diagnostic performance of gadobenate dimeglumine-enhanced MR angiography--comparison with DSA. <i>Radiology</i> , 2008 , 247, 273-85	20.5	41
179	Left ventricle: automated segmentation by using myocardial perfusion threshold reduction and intravoxel computation at MR imaging. <i>Radiology</i> , 2008 , 248, 1004-12	20.5	54
178	3-T MRI of rectal carcinoma: preoperative diagnosis, staging, and planning of sphincter-sparing surgery. <i>American Journal of Roentgenology</i> , 2008 , 190, 1271-8	5.4	33
177	Effects of papillary muscles and trabeculae on left ventricular quantification: increased impact of methodological variability in patients with left ventricular hypertrophy. <i>Journal of Hypertension</i> , 2008 , 26, 1677-85	1.9	56
176	Noninvasive imaging of living kidney donors. <i>Transplantation</i> , 2008 , 86, 1168-9	1.8	6
175	A fast navigator-gated 3D sequence for delayed enhancement MRI of the myocardium: comparison with breathhold 2D imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 27, 802-8	5.6	43

174	3D dynamic contrast-enhanced MRI of rectal carcinoma at 3T: correlation with microvascular density and vascular endothelial growth factor markers of tumor angiogenesis. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 27, 1309-16	5.6	50
173	Free-breathing 3D steady-state free precession coronary magnetic resonance angiography: comparison of diaphragm and cardiac fat navigators. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 509-14	5.6	12
172	Effective motion-sensitizing magnetization preparation for black blood magnetic resonance imaging of the heart. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 1092-100	5.6	41
171	Left ventricle segmentation using graph searching on intensity and gradient and a priori knowledge (lvGIGA) for short-axis cardiac magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 1393-401	5.6	21
170	Kalman filtering for real-time navigator processing. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 158-68	4.4	35
169	Quantitative MR susceptibility mapping using piece-wise constant regularized inversion of the magnetic field. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 1003-9	4.4	207
168	Contrast Agents for Cardiovascular MRI 2008 , 237-254		
167	Three-dimensional cine imaging using variable-density spiral trajectories and SSFP with application to coronary artery angiography. <i>Magnetic Resonance in Medicine</i> , 2007 , 58, 535-43	4.4	27
166	3D contrast-enhanced MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 25, 13-25	5.6	113
165	Response to: Safety risks with gadolinium-based contrast agents. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 26, 817-817	5.6	0
164	Design of a birdcage array for lower extremity angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 26, 589-97	5.6	3
163	Usefulness of magnetic resonance angiography in the evaluation of complex congenital heart disease in newborns and infants. <i>American Journal of Cardiology</i> , 2007 , 100, 715-21	3	33
162	The creation of an infrarenal aneurysm within the native abdominal aorta of swine. <i>Surgery</i> , 2007 , 142, 143-9	3.6	29
161	The value of specific MRI features in the evaluation of suspected placental invasion. <i>Magnetic Resonance Imaging</i> , 2007 , 25, 87-93	3.3	189
160	Is there replacement for percentage stenosis in characterizing occlusive vascular disease?. <i>Radiology</i> , 2007 , 245, 617-8	20.5	3
159	Guidelines for training in Cardiovascular Magnetic Resonance (CMR). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007 , 9, 3-4	6.9	26
158	Automatic algorithm for correcting motion artifacts in time-resolved two-dimensional magnetic resonance angiography using convex projections. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 649-58	4.4	3
157	Cardiac fat navigator-gated steady-state free precession 3D magnetic resonance angiography of coronary arteries. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 210-5	4.4	26

156	Reduction of reconstruction time for time-resolved spiral 3D contrast-enhanced magnetic resonance angiography using parallel computing. <i>Magnetic Resonance in Medicine</i> , 2006 , 56, 704-8	4.4	13
155	Superficial femoral artery occlusive disease severity correlates with MR cine phase-contrast flow measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2006 , 23, 355-60	5.6	23
154	Effects of gadopentetate dimeglumine and gadodiamide on serum calcium, magnesium, and creatinine measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2006 , 23, 383-7	5.6	33
153	Breath-hold 3D steady-state free precession coronary MRA compared with conventional X-ray coronary angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2006 , 23, 669-73	5.6	10
152	Motion artifact suppression in breath hold 3D contrast enhanced magnetic resonance angiography using ECG ordering. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 739-42		2
151	Peripheral MR angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2006 , 8, 517-28	6.9	20
150	The development of endotension is associated with increased transmission of pressure and serous components in porous expanded polytetrafluoroethylene stent-grafts: characterization using a canine model. <i>Journal of Vascular Surgery</i> , 2006 , 43, 109-16	3.5	45
149	Contrast-enhanced magnetic resonance angiography with biodegradable (Gd-DTPA)-cystamine copolymers: comparison with MS-325 in a swine model. <i>Molecular Pharmaceutics</i> , 2006 , 3, 558-65	5.6	6
148	Expanding role of MR angiography in clinical practice. <i>European Radiology, Supplement</i> , 2006 , 16 Suppl 2, B3-8		40
147	Emerging functional MR angiographic techniques. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2005 , 13, 181-8, vii	1.6	2
146	Treatment of type II endoleaks with a novel polyurethane thrombogenic foam: induction of endoleak thrombosis and elimination of intra-aneurysmal pressure in the canine model. <i>Journal of Vascular Surgery</i> , 2005 , 42, 321-8	3.5	25
145	A canine model to study the significance and hemodynamics of type II endoleaks. <i>Journal of Surgical Research</i> , 2005 , 123, 275-83	2.5	16
144	MR Angiography of the Renal Arteries 2005 , 209-229		
143	Diagnostic accuracy of time-resolved 2D projection MR angiography for symptomatic infrapopliteal arterial occlusive disease. <i>American Journal of Roentgenology</i> , 2005 , 184, 938-47	5.4	29
142	Decreased venous contamination on 3D gadolinium-enhanced bolus chase peripheral mr angiography using thigh compression. <i>American Journal of Roentgenology</i> , 2004 , 183, 1041-7	5.4	52
141	Blood pool MR angiography of aortic stent-graft endoleak. <i>American Journal of Roentgenology</i> , 2004 , 182, 1181-6	5.4	91
140	More on pseudohypocalcemia and gadolinium-enhanced MRI. <i>New England Journal of Medicine</i> , 2004 , 350, 87-8; author reply 87-8	59.2	9
139	Chronic pulmonary embolism: combining MR angiography with functional assessment. <i>Radiology</i> , 2004 , 232, 325-6	20.5	11

138	Soft tissue enhancement on time-resolved peripheral magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 19, 590-7	5.6	25
137	Three-dimensional MR angiography in imaging platinum alloy stents. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 20, 975-80	5.6	20
136	Multiprocessor scheduling implementation of the simultaneous multiple volume (SMV) navigator method. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 362-7	4.4	0
135	High temporal and spatial resolution 4D MRA using spiral data sampling and sliding window reconstruction. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 14-8	4.4	26
134	Renal MR angiography. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2004 , 12, 487-503, vi	1.6	42
133	Characterization of retrograde collateral (type II) endoleak using a new canine model. <i>Journal of Vascular Surgery</i> , 2004 , 40, 985-94	3.5	13
132	Contrast-enhanced magnetic resonance angiography 2004 , 277-311		1
131	Gadodiamide administration causes spurious hypocalcemia. <i>Radiology</i> , 2003 , 227, 639-46	20.5	81
130	Diagnosis of renal artery stenosis with magnetic resonance angiography: update 2003. <i>Nephrology Dialysis Transplantation</i> , 2003 , 18, 1252-6	4.3	34
129	Atherosclerotic disease distribution in carotid and vertebrobasilar arteries: clinical experience in 100 patients undergoing fluoro-triggered 3D Gd-MRA. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 17, 545-58	5.6	20
128	Quantitative evaluation of susceptibility and shielding effects of nitinol, platinum, cobalt-alloy, and stainless steel stents. <i>Magnetic Resonance in Medicine</i> , 2003 , 49, 972-6	4.4	95
127	Simultaneous multiple volume (SMV) acquisition algorithm for real-time navigator gating. <i>Magnetic Resonance Imaging</i> , 2003 , 21, 969-75	3.3	6
126	Improved venous suppression on renal MR angiography with recessed elliptical centric ordering of K-space. <i>Journal of X-Ray Science and Technology</i> , 2003 , 11, 141-7	2.1	
125	A pilot investigation of new superparamagnetic iron oxide (ferumoxytol) as a contrast agent for cardiovascular MRI. <i>Journal of X-Ray Science and Technology</i> , 2003 , 11, 231-40	2.1	41
124	Automatic selection of mask and arterial phase images for temporally resolved MR digital subtraction angiography. <i>Magnetic Resonance in Medicine</i> , 2002 , 48, 1004-10	4.4	4
123	Postprocessing techniques for time-resolved contrast-enhanced MR angiography. <i>Radiology</i> , 2002 , 222, 564-8	20.5	6
122	Contrast material travel times in patients undergoing peripheral MR angiography. <i>Radiology</i> , 2002 , 224, 55-61	20.5	96
121	Peripheral vascular disease: combined 3D bolus chase and dynamic 2D MR angiography compared with x-ray angiography for treatment planning. <i>Radiology</i> , 2002 , 224, 63-74	20.5	44

120	Images in vascular medicine. An unusual case of claudication. <i>Vascular Medicine</i> , 2002 , 7, 55	3.3	5
119	Bolus arterial-venous transit in the lower extremity and venous contamination in bolus chase three-dimensional magnetic resonance angiography. <i>Investigative Radiology</i> , 2002 , 37, 458-63	10.1	53
118	Magnetic resonance angiographic techniques for the diagnosis of arterial disease. <i>Cardiology Clinics</i> , 2002 , 20, 501-12, v	2.5	22
117	Morphologic and functional magnetic resonance imaging of renal artery stenosis: a multireader tricenter study. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 158-169	12.7	96
116	Diagnostic usefulness of 3 dimensional gadolinium enhanced magnetic resonance venography in antiphospholipid syndrome. <i>Journal of Rheumatology</i> , 2002 , 29, 1338-9	4.1	1
115	The role of cardiac magnetic resonance imaging in antiphospholipid syndrome. <i>Journal of Rheumatology</i> , 2002 , 29, 2658-9	4.1	6
114	Cross-sectional pattern of collateral vessels in patients with superficial femoral artery occlusion. <i>Investigative Radiology</i> , 2001 , 36, 422-9	10.1	9
113	Anatomically tailored k-Space sampling for bolus-chase three-dimensional MR digital subtraction angiography. <i>Radiology</i> , 2001 , 218, 899-904	20.5	8
112	Coronary MR angiography: selection of acquisition window of minimal cardiac motion with electrocardiography-triggered navigator cardiac motion prescanning--initial results. <i>Radiology</i> , 2001 , 218, 580-5	20.5	57
111	Interobserver variability in the evaluation of chronic mesenteric ischemia with gadolinium-enhanced MR angiography. <i>Academic Radiology</i> , 2001 , 8, 879-87	4.3	43
110	Contrast-enhanced peripheral MR angiography from the abdominal aorta to the pedal arteries: combined dynamic two-dimensional and bolus-chase three-dimensional acquisitions. <i>Investigative Radiology</i> , 2001 , 36, 170-7	10.1	89
109	Viral IL-10 gene transfer decreases inflammation and cell adhesion molecule expression in a rat model of venous thrombosis. <i>Journal of Immunology</i> , 2000 , 164, 2131-41	5.3	59
108	Subclavian MR arteriography: reduction of susceptibility artifact with short echo time and dilute gadopentetate dimeglumine. <i>Radiology</i> , 2000 , 217, 581-6	20.5	39
107	Doppler US gating of cardiac MR imaging. <i>Academic Radiology</i> , 2000 , 7, 1116-22	4.3	22
106	Venous thrombosis prophylaxis by inflammatory inhibition without anticoagulation therapy. <i>Journal of Vascular Surgery</i> , 2000 , 31, 309-24	3.5	77
105	MR angiography after renal revascularization: spectrum of expected anatomic results and postintervention complications. <i>Radiographics</i> , 1999 , 19, 1555-68	5.4	7
104	Diagnosis of renal vascular disease with MR angiography. <i>Radiographics</i> , 1999 , 19, 1535-54	5.4	81
103	Cardiovascular MR angiography. <i>International Journal of Cardiovascular Imaging</i> , 1999 , 15, 115-6		

102	Applications of magnetic resonance imaging and magnetic resonance angiography to evaluate the hepatic vasculature in the pediatric patient. <i>Pediatric Radiology</i> , 1999 , 29, 238-43	2.8	16
101	Pulmonary magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 10, 326-38	5.6	26
100	Magnetic resonance imaging in renal transplantation. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 10, 357-68	5.6	60
99	MRA contrast bolus timing with ultrasound bubbles. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 10, 389-94	5.6	9
98	Gadolinium-enhanced 3D magnetic resonance angiography of the thoracic vessels. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 10, 758-70	5.6	50
97	Detection of perivenous inflammation in a rat model of venous thrombosis using MRV. <i>Journal of Investigative Surgery</i> , 1999 , 12, 151-6	1.2	14
96	Diagnosis of pulmonary embolism: comparison of CT angiography and MR angiography in canines. <i>Journal of Vascular and Interventional Radiology</i> , 1999 , 10, 309-18	2.4	22
95	Renal MR Angiography. <i>Journal of Vascular and Interventional Radiology</i> , 1999 , 10, 340-361	2.4	
94	Magnetic resonance imaging of the aorta and branch vessels. <i>Coronary Artery Disease</i> , 1999 , 10, 141-9	1.4	8
93	3D Contrast MR Angiography 1999 ,		31
92	Pulmonary MRA 1999 , 41-52		1
91	Renal Arteries 1999 , 89-105		2
90	PULMONARY MR ANGIOGRAPHY. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1999 , 7, 393-409	1.6	7
89	Abdominal aortic aneurysm. Detection of multilevel vascular pathology by time-resolved multiphase 3D gadolinium MR angiography: initial report. <i>Investigative Radiology</i> , 1999 , 34, 648-59	10.1	25
88	Mesenteric Arteries 1999 , 107-122		
87	Abdominal Aorta 1999 , 71-88		
86	Pulmonary magnetic resonance angiography 1999 , 10, 326		1
85	Contrast-enhanced MR angiography. <i>Abdominal Imaging</i> , 1998 , 23, 469-84		45

84	Renal MR angiography: a comprehensive approach. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 511-566	42
83	In vitro model of arterial stenosis: correlation of MR signal dephasing and trans-stenotic pressure gradients. <i>Magnetic Resonance Imaging</i> , 1998 , 16, 301-10	3.3 53
82	Magnetic resonance angiography: a review. <i>Academic Radiology</i> , 1998 , 5, 289-305	4.3 16
81	Abdominal and Renal MR Angiography A Comprehensive Approach. <i>Journal of Vascular and Interventional Radiology</i> , 1998 , 9, 240-243	2.4
80	Renal MR Angiography. <i>Seminars in Interventional Radiology</i> , 1998 , 15, 163-178	1.6 3
79	Thoracic MR aortography: imaging techniques and strategies. <i>Radiographics</i> , 1998 , 18, 287-309	5.4 88
78	Vascular complications of liver transplantation: evaluation with gadolinium-enhanced MR angiography. <i>Radiology</i> , 1998 , 207, 153-60	20.5 83
77	CONTRAST-ENHANCED MR ANGIOGRAPHY: Theory and Optimization. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1998 , 6, 257-267	1.6 73
76	RENAL MR ANGIOGRAPHY. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1998 , 6, 351-370	1.6 26
75	Arterial-phase three-dimensional gadolinium magnetic resonance angiography of the renal arteries. Strategies for timing and contrast media injection: original investigation. <i>Investigative Radiology</i> , 1998 , 33, 506-14	10.1 40
74	Optimizing three-dimensional gadolinium-enhanced magnetic resonance angiography. Original investigation. <i>Investigative Radiology</i> , 1998 , 33, 528-37	10.1 46
73	Portal venous magnetic resonance angiography. A review. <i>Investigative Radiology</i> , 1998 , 33, 628-36	10.1 6
72	Gadolinium-enhanced magnetic resonance venography of the portal venous system prior to transjugular intrahepatic portosystemic shunts and liver transplantation. Original investigation. <i>Investigative Radiology</i> , 1998 , 33, 644-52	10.1 14
71	Renal anatomic changes on magnetic resonance imaging and gadolinium-enhanced magnetic resonance angiography after renal revascularization. Original investigation. <i>Investigative Radiology</i> , 1998 , 33, 660-9	10.1 6
70	Magnetic resonance angiography with gadomer-17. An animal study original investigation. <i>Investigative Radiology</i> , 1998 , 33, 699-708	10.1 100
69	The dissected aorta: part III. Anatomy and radiologic diagnosis of branch-vessel compromise. <i>Radiology</i> , 1997 , 203, 37-44	20.5 246
68	Diagnosis of pulmonary embolism with magnetic resonance angiography. <i>New England Journal of Medicine</i> , 1997 , 336, 1422-7	59.2 421
67	Hemodynamically significant atherosclerotic renal artery stenosis: MR angiographic features. <i>Radiology</i> , 1997 , 205, 128-36	20.5 150

66	Automated detection of bolus arrival and initiation of data acquisition in fast, three-dimensional, gadolinium-enhanced MR angiography. <i>Radiology</i> , 1997 , 203, 275-80	20.5	246
65	Effect of gadolinium on phase-contrast MR angiography of the renal arteries. <i>American Journal of Roentgenology</i> , 1997 , 168, 261-6	5.4	34
64	Contrast-enhanced abdominal MR angiography: optimization of imaging delay time by automating the detection of contrast material arrival in the aorta. <i>Radiology</i> , 1997 , 203, 109-14	20.5	209
63	The dissected aorta: percutaneous treatment of ischemic complications--principles and results. <i>Journal of Vascular and Interventional Radiology</i> , 1997 , 8, 605-25	2.4	212
62	Anti-P-selectin antibody decreases inflammation and thrombus formation in venous thrombosis. <i>Journal of Vascular Surgery</i> , 1997 , 25, 816-27; discussion 828	3.5	99
61	"Bull's-eye" sign on gadolinium-enhanced magnetic resonance venography determines thrombus presence and age: a preliminary study. <i>Journal of Vascular Surgery</i> , 1997 , 26, 809-16	3.5	58
60	Cross-sectional imaging anatomy of the anal sphincters. <i>Obstetrics and Gynecology</i> , 1997 , 90, 839-44	4.9	24
59	Gadolinium-enhanced magnetic resonance angiography of renal transplants. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 13-20	3.3	55
58	Iron oxide-enhanced MR lymphography: the evaluation of cervical lymph node metastases in head and neck cancer. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 75-81	5.6	86
57	Gadolinium-enhanced MR angiography of visceral arteries in patients with suspected chronic mesenteric ischemia. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 171-6	5.6	169
56	MR angiography with an ultrasmall superparamagnetic iron oxide blood pool agent. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 209-14	5.6	130
55	The effects of incomplete breath-holding on 3D MR image quality. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 1132-9	5.6	63
54	Cutaneous nodules, pain, and thrombophlebitis as an adverse reaction to gadolinium contrast media. <i>American Journal of Roentgenology</i> , 1997 , 169, 318-9	5.4	4
53	3D Contrast MR Angiography 1997 ,		32
52	Mesenteric Arteries 1997 , 69-74		
51	Effect of the rate of gadopentetate dimeglumine administration on abdominal vascular and soft-tissue MR imaging enhancement patterns. <i>Radiology</i> , 1996 , 201, 809-16	20.5	35
50	Three-dimensional gadolinium-enhanced MR angiography of the thoracic aorta. <i>American Journal of Roentgenology</i> , 1996 , 166, 1387-97	5.4	234
49	Magnetic resonance imaging anatomy of the female urethra: a direct histologic comparison. <i>Obstetrics and Gynecology</i> , 1996 , 88, 750-6	4.9	74

48	Deep venous thrombosis complicating a congenital absence of the inferior vena cava. <i>Surgery</i> , 1996 , 120, 891-6	3.6	61
47	Three-dimensional Contrast-enhanced MR Angiography. <i>Topics in Magnetic Resonance Imaging</i> , 1996 , 8, 322-344	2.3	38
46	Nephrotoxicity of high-dose gadolinium compared with iodinated contrast. <i>Journal of Magnetic Resonance Imaging</i> , 1996 , 6, 162-6	5.6	342
45	The effects of time varying intravascular signal intensity and k-space acquisition order on three-dimensional MR angiography image quality. <i>Journal of Magnetic Resonance Imaging</i> , 1996 , 6, 642-516	5.6	256
44	A simple MR-compatible infusion pump. <i>Magnetic Resonance Imaging</i> , 1996 , 14, 121-8	3.3	3
43	3D gadolinium-enhanced MR angiography of the carotid arteries. <i>Magnetic Resonance Imaging</i> , 1996 , 14, 593-600	3.3	90
42	Arterial-phase three-dimensional contrast-enhanced MR angiography of the carotid arteries. <i>American Journal of Roentgenology</i> , 1996 , 167, 211-5	5.4	96
41	BODY MR ANGIOGRAPHY WITH GADOLINIUM CONTRAST AGENTS. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1996 , 4, 11-24	1.6	46
40	Breath-hold gadolinium-enhanced MR angiography of the abdominal aorta and its major branches. <i>Radiology</i> , 1995 , 197, 785-92	20.5	535
39	Gadolinium-enhanced magnetic resonance angiography of abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 1995 , 21, 656-69	3.5	115
38	MR imaging (including MR angiography) of abdominal aortic aneurysms: comparison with conventional angiography. <i>American Journal of Roentgenology</i> , 1994 , 163, 203-10	5.4	63
37	Gadolinium-enhanced MR aortography. <i>Radiology</i> , 1994 , 191, 155-64	20.5	697
36	MR angiography in the preoperative evaluation of abdominal aortic aneurysms: a preliminary study. <i>Journal of Vascular and Interventional Radiology</i> , 1994 , 5, 489-96	2.4	22
35	Beta carotene uptake into atherosclerotic plaque: enhanced staining and preferential ablation with the pulsed dye laser. <i>Lasers in Surgery and Medicine</i> , 1993 , 13, 149-57	3.6	12
34	Dynamic gadolinium-enhanced three-dimensional abdominal MR arteriography. <i>Journal of Magnetic Resonance Imaging</i> , 1993 , 3, 877-81	5.6	449
33	Time of flight renal MR angiography: utility in patients with renal insufficiency. <i>Magnetic Resonance Imaging</i> , 1993 , 11, 925-30	3.3	39
32	Ependymoma of the fourth ventricle. <i>American Journal of Roentgenology</i> , 1991 , 157, 1278	5.4	3
31	Rapid serum carotene loading with high-dose beta-carotene: clinical implications. <i>Journal of Cardiovascular Pharmacology</i> , 1991 , 17, 343-7	3.1	25

30	Effect of blood upon the selective ablation of atherosclerotic plaque with a pulsed dye laser. <i>Lasers in Surgery and Medicine</i> , 1990 , 10, 533-43	3.6	9
29	Enhancing the carotenoid content of atherosclerotic plaque: implications for laser therapy. <i>Journal of Vascular Surgery</i> , 1989 , 9, 563-7	3.5	2
28	Effect of pulse duration on selective ablation of atherosclerotic plaque by 480- to 490-nanometer laser radiation. <i>Lasers in Surgery and Medicine</i> , 1988 , 8, 18-21	3.6	22
27	Selective laser ablation of venous thrombus: implications for a new approach in the treatment of pulmonary embolus. <i>Lasers in Surgery and Medicine</i> , 1988 , 8, 486-93	3.6	22
26	Local intravascular effects of the nitinol wire blood clot filter. <i>Investigative Radiology</i> , 1988 , 23, 294-300	10.1	36
25	The diameter of the inferior vena cava and its implications for the use of vena caval filters. <i>Radiology</i> , 1983 , 149, 687-9	20.5	68
24	Comparative in vitro evaluation of the nitinol inferior vena cava filter. <i>Radiology</i> , 1982 , 145, 351-5	20.5	42
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