

# Martin John Graves

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9253389/martin-john-graves-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

243  
papers

7,660  
citations

48  
h-index

77  
g-index

259  
ext. papers

8,670  
ext. citations

5  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
243	Hyperpolarised C-MRI identifies the emergence of a glycolytic cell population within intermediate-risk human prostate cancer.. <i>Nature Communications</i> , <b>2022</b> , 13, 466	17.4	0
242	Segmentation of Knee MRI Data with Convolutional Neural Networks for Semi-Automated Three-Dimensional Surface-Based Analysis of Cartilage Morphology and Composition <b>2022</b> , 100010		
241	Deuterium metabolic imaging and hyperpolarized C-MRI of the normal human brain at clinical field strength reveals differential cerebral metabolism.. <i>NeuroImage</i> , <b>2022</b> , 257, 119284	7.9	0
240	Hyperpolarized Carbon-13 MRI for Early Response Assessment of Neoadjuvant Chemotherapy in Breast Cancer Patients. <i>Cancer Research</i> , <b>2021</b> , 81, 6004-6017	10.1	4
239	3 T: the good, the bad and the ugly. <i>British Journal of Radiology</i> , <b>2021</b> , 20210708	3.4	
238	Study on the association of wall shear stress and vessel structural stress with atherosclerosis: An experimental animal study. <i>Atherosclerosis</i> , <b>2021</b> , 320, 38-46	3.1	0
237	Highly accelerated subtractive femoral non-contrast-enhanced MRA using compressed sensing with k-space subtraction, phase and intensity correction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 320-334	4.4	
236	Investigating the relationship between diffusion kurtosis tensor imaging (DKTI) and histology within the normal human brain. <i>Scientific Reports</i> , <b>2021</b> , 11, 8857	4.9	2
235	Combined Na and C imaging at 3.0 Tesla using a single-tuned large FOV birdcage coil. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 1734-1745	4.4	2
234	Hypoxia and perfusion in breast cancer: simultaneous assessment using PET/MR imaging. <i>European Radiology</i> , <b>2021</b> , 31, 333-344	8	14
233	Improving the image quality of DWI in breast cancer: comparison of multi-shot DWI using multiplexed sensitivity encoding to conventional single-shot echo-planar imaging DWI. <i>British Journal of Radiology</i> , <b>2021</b> , 94, 20200427	3.4	1
232	Compressed sensing plus motion (CS+M): A new perspective for improving undersampled MR image reconstruction. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101933	15.4	5
231	Characterization and correction of center-frequency effects in X-nuclear eddy current compensations on a clinical MR system. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 2370-2376	4.4	3
230	Subtractive NCE-MRA: Improved background suppression using robust regression-based weighted subtraction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 694-708	4.4	1
229	Dynamic contrast-enhanced MRI of synovitis in knee osteoarthritis: repeatability, discrimination and sensitivity to change in a prospective experimental study. <i>European Radiology</i> , <b>2021</b> , 31, 5746-5758	8	3
228	Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis. <i>European Heart Journal Open</i> , <b>2021</b> , 1, oeab019		1
227	Carotid Atheroinflammation Is Associated With Cerebral Small Vessel Disease Severity. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 690935	4.1	0

226	Multiparametric MRI of early tumor response to immune checkpoint blockade in metastatic melanoma <b>2021</b> , 9,		3
225	Visualization of sodium dynamics in the kidney by magnetic resonance imaging in a multi-site study. <i>Kidney International</i> , <b>2020</b> , 98, 1174-1178	9.9	1
224	Imaging breast cancer using hyperpolarized carbon-13 MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2092-2098	11.5	71
223	Ferumoxitol-enhanced three-dimensional magnetic resonance imaging of carotid atheroma- a feasibility and temporal dependence study. <i>Scientific Reports</i> , <b>2020</b> , 10, 1808	4.9	7
222	Simultaneous MRI water-fat separation and quantitative susceptibility mapping of carotid artery plaque pre- and post-ultrasmall superparamagnetic iron oxide-uptake. <i>Magnetic Resonance in Medicine</i> , <b>2020</b> , 84, 686-697	4.4	4
221	Ultra Short Echo Time MRI of Iron-Labelled Mesenchymal Stem Cells in an Ovine Osteochondral Defect Model. <i>Scientific Reports</i> , <b>2020</b> , 10, 8451	4.9	5
220	The optimisation of deep neural networks for segmenting multiple knee joint tissues from MRIs. <i>Computerized Medical Imaging and Graphics</i> , <b>2020</b> , 86, 101793	7.6	12
219	The effect of gadolinium-based contrast agent administration on magnetic resonance fingerprinting-based T relaxometry in patients with prostate cancer. <i>Scientific Reports</i> , <b>2020</b> , 10, 20475	4.9	8
218	Hyperpolarized C MRI of Tumor Metabolism Demonstrates Early Metabolic Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Radiology Imaging Cancer</i> , <b>2020</b> , 2, e200017	1.4	15
217	Magnetic resonance fingerprinting of the pancreas at 1.5T and 3.0T. <i>Scientific Reports</i> , <b>2020</b> , 10, 17563	4.9	4
216	Learning the Sampling Pattern for MRI. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 4310-4321	11.7	11
215	Effectively Measuring Exercise-Related Variations in T1 and T2 Relaxation Times of Healthy Articular Cartilage. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 1753-1764	5.6	1
214	Molecular imaging of the prostate: Comparing total sodium concentration quantification in prostate cancer and normal tissue using dedicated C and Na endorectal coils. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 51, 90-97	5.6	6
213	Three-Dimensional Surface-Based Analysis of Cartilage MRI Data in Knee Osteoarthritis: Validation and Initial Clinical Application. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 1139-1151	5.6	6
212	Quantifying normal human brain metabolism using hyperpolarized [1-C]pyruvate and magnetic resonance imaging. <i>NeuroImage</i> , <b>2019</b> , 189, 171-179	7.9	92
211	Sodium MRI with 3D-cones as a measure of tumour cellularity in high grade serous ovarian cancer. <i>European Journal of Radiology Open</i> , <b>2019</b> , 6, 156-162	2.6	7
210	Feasibility of Quantitative Magnetic Resonance Fingerprinting in Ovarian Tumors for T and T Mapping in a PET/MR Setting. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , <b>2019</b> , 3, 509-515	4.2	4
209	A Meta-analysis of the Diagnostic Performance of Diffusion MRI for Breast Lesion Characterization. <i>Radiology</i> , <b>2019</b> , 291, 632-641	20.5	41

208	Non-invasive assessment of glioma microstructure using VERDICT MRI: correlation with histology. <i>European Radiology</i> , <b>2019</b> , 29, 5559-5566	8	13
207	Automatic segmentation of MR depicted carotid arterial boundary based on local priors and constrained global optimisation. <i>IET Image Processing</i> , <b>2019</b> , 13, 506-514	1.7	4
206	Evaluation of the sensitivity of RfMRI to pH and macromolecular density. <i>Magnetic Resonance Imaging</i> , <b>2019</b> , 58, 156-161	3.3	4
205	Measuring tissue sodium concentration: Cross-vendor repeatability and reproducibility of Na-MRI across two sites. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 50, 1278-1284	5.6	6
204	Multi-site repeatability and reproducibility of MR fingerprinting of the healthy brain at 1.5 and 3.0 T. <i>NeuroImage</i> , <b>2019</b> , 195, 362-372	7.9	32
203	Introduction to Quantitative Susceptibility Mapping and Susceptibility Weighted Imaging. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20181016	3.4	14
202	A Comparison of Black-blood T Mapping Sequences for Carotid Vessel Wall Imaging at 3T: An Assessment of Accuracy and Repeatability. <i>Magnetic Resonance in Medical Sciences</i> , <b>2019</b> , 18, 29-35	2.9	3
201	Diffusion kurtosis MRI as a predictive biomarker of response to neoadjuvant chemotherapy in high grade serous ovarian cancer. <i>Scientific Reports</i> , <b>2019</b> , 9, 10742	4.9	6
200	Multi-tasking to Correct: Motion-Compensated MRI via Joint Reconstruction and Registration. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 263-274	0.9	4
199	Quantifying disease activity in rheumatoid arthritis with the TSPO PET ligand F-GE-180 and comparison with F-FDG and DCE-MRI. <i>EJNMMI Research</i> , <b>2019</b> , 9, 113	3.6	9
198	Assessment of a Novel 3T MRI Compatible Cochlear Implant Magnet: Torque, Forces, Demagnetization, and Imaging. <i>Otology and Neurotology</i> , <b>2019</b> , 40, e966-e974	2.6	7
197	Subtractive non-contrast-enhanced MRI of lower limb veins using multiple flow-dependent preparation strategies. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 1769-1783	4.4	2
196	Ex vivo MRI cell tracking of autologous mesenchymal stromal cells in an ovine osteochondral defect model. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 25	8.3	21
195	Will MRI of gastrointestinal function parallel the clinical success of cine cardiac MRI?. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20180433	3.4	6
194	A comparison of semi-automated volumetric vs linear measurement of small vestibular schwannomas. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2018</b> , 275, 867-874	3.5	18
193	Imaging intralésional heterogeneity of sodium concentration in multiple sclerosis: Initial evidence from Na-MRI. <i>Journal of the Neurological Sciences</i> , <b>2018</b> , 387, 111-114	3.2	4
192	Relationship between carotid plaque surface morphology and perfusion: a 3D DCE-MRI study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2018</b> , 31, 191-199	2.8	8
191	UK quantitative WB-DWI technical workgroup: consensus meeting recommendations on optimisation, quality control, processing and analysis of quantitative whole-body diffusion-weighted imaging for cancer. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20170577	3.4	46

190	Gadofosveset-enhanced thoracic MR venography: a comparative study evaluating steady state imaging versus conventional first-pass time-resolved dynamic imaging. <i>Acta Radiologica</i> , <b>2018</b> , 59, 418-424	2.4	2
189	Neovascularization in Vertebral Artery Atheroma-A Dynamic Contrast-Enhanced Magnetic Resonance Imaging-Based Comparative Study in Patients with Symptomatic and Asymptomatic Carotid Artery Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2018</b> , 27, 2505-2512	2.8	
188	Three-dimensional black-blood multi-contrast carotid imaging using compressed sensing: a repeatability study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2018</b> , 31, 183-190	2.8	8
187	Quantification of Total and Intracellular Sodium Concentration in Primary Prostate Cancer and Adjacent Normal Prostate Tissue With Magnetic Resonance Imaging. <i>Investigative Radiology</i> , <b>2018</b> , 53, 450-456	10.1	19
186	Diagnostic and prognostic significance of cardiovascular magnetic resonance native myocardial T1 mapping in patients with pulmonary hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 78	6.9	25
185	A Comparison of Repeatability and Usability of Semi-Automated Volume Segmentation Tools for Measurement of Vestibular Schwannomas. <i>Otology and Neurotology</i> , <b>2018</b> , 39, e496-e505	2.6	5
184	Assessment of Carotid Plaque Inflammation in Diabetic and Nondiabetic Patients-An Exploratory Ultrasmall Superparamagnetic Iron Oxide-Enhanced Magnetic Resonance Imaging Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2017</b> , 26, 858-862	2.8	7
183	Comparison of breath-hold, respiratory navigated and free-breathing MR elastography of the liver. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 37, 46-50	3.3	13
182	Impact of physiological noise correction on detecting blood oxygenation level-dependent contrast in the breast. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 127-145	3.8	0
181	Free-breathing black-blood CINE fast-spin echo imaging for measuring abdominal aortic wall distensibility: a feasibility study. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, N204-N218	3.8	2
180	Evaluation of velocity-sensitized and acceleration-sensitized NCE-MRA for below-knee peripheral arterial disease. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 45, 1846-1853	5.6	6
179	A semi-automatic method for the extraction of the portal venous input function in quantitative dynamic contrast-enhanced CT of the liver. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20160875	3.4	4
178	Imaging Carotid Atherosclerosis Plaque Ulceration: Comparison of Advanced Imaging Modalities and Recent Developments. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 664-671	4.4	23
177	The development and optimisation of 3D black-blood R* mapping of the carotid artery wall. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 44, 104-110	3.3	3
176	Magnetic Resonance Imaging-Based Assessment of Carotid Atheroma: a Comparative Study of Patients with and without Coronary Artery Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2017</b> , 26, 347-351	2.8	1
175	Effects of cortisol on the heart: characterization of myocardial involvement in cushing's disease by longitudinal cardiac MRI T1 mapping. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 45, 147-156	5.6	7
174	Combined MR direct thrombus imaging and non-contrast magnetic resonance venography reveal the evolution of deep vein thrombosis: a feasibility study. <i>European Radiology</i> , <b>2017</b> , 27, 2326-2332	8	20
173	Assessment of early treatment response to neoadjuvant chemotherapy in breast cancer using non-mono-exponential diffusion models: a feasibility study comparing the baseline and mid-treatment MRI examinations. <i>European Radiology</i> , <b>2017</b> , 27, 2726-2736	8	34

172	Three-dimensional black-blood T mapping with compressed sensing and data-driven parallel imaging in the carotid artery. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 37, 62-69	3.3	19
171	MRI from Picture to Proton <b>2017</b> ,		53
170	. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, E37	4.4	
169	A medical device-grade T1 and ECV phantom for global T1 mapping quality assurance-the T Mapping and ECV Standardization in cardiovascular magnetic resonance (T1MES) program. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 58	6.9	101
168	Amniotic fluid volume: Rapid MR-based assessment at 28-32 weeks gestation. <i>European Radiology</i> , <b>2016</b> , 26, 3752-9	8	4
167	Effect of Radiofrequency Transmit Field Correction on Quantitative Dynamic Contrast-enhanced MR Imaging of the Breast at 3.0 T. <i>Radiology</i> , <b>2016</b> , 279, 368-77	20.5	14
166	An assessment on the incremental value of high-resolution magnetic resonance imaging to identify culprit plaques in atherosclerotic disease of the middle cerebral artery. <i>European Radiology</i> , <b>2016</b> , 26, 2206-14	8	40
165	Comparison of Gated and Ungated Black-Blood Fast Spin-echo MRI of Carotid Vessel Wall at 3T. <i>Magnetic Resonance in Medical Sciences</i> , <b>2016</b> , 15, 266-72	2.9	3
164	Quantitative BOLD imaging at 3T: Temporal changes in hepatocellular carcinoma and fibrosis following oxygen challenge. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 44, 739-44	5.6	16
163	Detecting gas-induced vasomotor changes via blood oxygenation level-dependent contrast in healthy breast parenchyma and breast carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 44, 335-45	5.6	3
162	Uterine artery pulsatility and resistivity indices in pregnancy: Comparison of MRI and Doppler US. <i>Placenta</i> , <b>2016</b> , 43, 35-40	3.4	6
161	A comparison of quantitative methods for clinical imaging with hyperpolarized (13)C-pyruvate. <i>NMR in Biomedicine</i> , <b>2016</b> , 29, 387-99	4.4	63
160	The use of error-category mapping in pharmacokinetic model analysis of dynamic contrast-enhanced MRI data. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 246-51	3.3	1
159	Advances in MRI for the evaluation of carotid atherosclerosis. <i>British Journal of Radiology</i> , <b>2015</b> , 88, 20140282	3.4	10
158	Use of ultrasmall superparamagnetic iron oxide particles for imaging carotid atherosclerosis. <i>Nanomedicine</i> , <b>2015</b> , 10, 3077-3087	5.6	19
157	An iterative reduced field-of-view reconstruction for periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) MRI. <i>Medical Physics</i> , <b>2015</b> , 42, 5757-67	4.4	4
156	Magnetic resonance imaging of atherothrombotic plaques. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 1722-6	2.2	5
155	Reliability of magnetic resonance elastography using multislice two-dimensional spin-echo echo-planar imaging (SE-EPI) and three-dimensional inversion reconstruction for assessing renal stiffness. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 844-50	5.6	24

154	Kinetic index combining native and postcontrast myocardial T1 in hypertrophic cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 1713-22	5.6	5
153	Magnetic resonance elastography in the detection of hepatorenal syndrome in patients with cirrhosis and ascites. <i>European Radiology</i> , <b>2015</b> , 25, 2851-8	8	14
152	Basic Principles of Magnetic Resonance Imaging <b>2015</b> , 153-169		1
151	3D high-resolution contrast enhanced MRI of carotid atheroma--a technical update. <i>Magnetic Resonance Imaging</i> , <b>2014</b> , 32, 594-7	3.3	14
150	An investigation into the effects of temporal resolution on hepatic dynamic contrast-enhanced MRI in volunteers and in patients with hepatocellular carcinoma. <i>Physics in Medicine and Biology</i> , <b>2014</b> , 59, 3187-200	3.8	11
149	Optimization of improved motion-sensitized driven-equilibrium (imsDE) blood suppression for carotid artery wall imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2014</b> , 16, 61	6.9	37
148	The influence of computational strategy on prediction of mechanical stress in carotid atherosclerotic plaques: comparison of 2D structure-only, 3D structure-only, one-way and fully coupled fluid-structure interaction analyses. <i>Journal of Biomechanics</i> , <b>2014</b> , 47, 1465-71	2.9	30
147	Carotid artery stiffness in patients with symptomatic carotid artery disease with contralateral asymptomatic carotid artery disease and in patients with bilateral asymptomatic carotid artery disease: a cine phase-contrast carotid MR study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2014</b> , 23, 743-8	2.8	5
146	Estimation of aortic pulse pressure using Fourier velocity encoded M-mode MR. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 39, 85-93	5.6	1
145	Improved artery-vein separation with acceleration-dependent preparation for non-contrast-enhanced magnetic resonance angiography. <i>Magnetic Resonance in Medicine</i> , <b>2014</b> , 72, 699-706	4.4	20
144	Interactive neonatal gastrointestinal magnetic resonance imaging using fruit juice as an oral contrast media. <i>BMC Medical Imaging</i> , <b>2014</b> , 14, 33	2.9	15
143	In vivo MRI-based simulation of fatigue process: a possible trigger for human carotid atherosclerotic plaque rupture. <i>BioMedical Engineering OnLine</i> , <b>2013</b> , 12, 36	4.1	15
142	Carotid stenosis assessment with multi-detector CT angiography: comparison between manual and automatic segmentation methods. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 899-905	2.5	4
141	Sequential imaging of asymptomatic carotid atheroma using ultrasmall superparamagnetic iron oxide-enhanced magnetic resonance imaging: a feasibility study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2013</b> , 22, e271-6	2.8	22
140	Interactive magnetic resonance imaging for paediatric vesicoureteric reflux (VUR). <i>European Journal of Radiology</i> , <b>2013</b> , 82, e112-9	4.7	5
139	3T diffusion-weighted MRI of the thyroid gland with reduced distortion: preliminary results. <i>British Journal of Radiology</i> , <b>2013</b> , 86, 20130022	3.4	14
138	Intraplaque stretch in carotid atherosclerotic plaque--an effective biomechanical predictor for subsequent cerebrovascular ischemic events. <i>PLoS ONE</i> , <b>2013</b> , 8, e61522	3.7	9
137	Body MRI artifacts in clinical practice: a physicist's and radiologist's perspective. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 38, 269-87	5.6	37

136	Initial clinical evaluation of a non-contrast-enhanced MR angiography method in the distal lower extremities. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 70, 1644-52	4.4	13
135	Effect of low-and high-dose atorvastatin on carotid artery distensibility using carotid magnetic resonance imaging -a post-hoc sub group analysis of ATHEROMA (Atorvastatin Therapy: Effects On Reduction Of Macrophage Activity) Study. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2013</b> , 20, 46-56	4	8
134	Magnetic resonance elastography: feasibility of liver stiffness measurements in healthy volunteers at 3T. <i>Clinical Radiology</i> , <b>2012</b> , 67, 258-62	2.9	37
133	A multi-center inter-manufacturer study of the temporal stability of phase-contrast velocity mapping background offset errors. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2012</b> , 14, 72	6.9	27
132	Ex vivo study of carotid endarterectomy specimens: quantitative relaxation times within atherosclerotic plaque tissues. <i>Magnetic Resonance Imaging</i> , <b>2012</b> , 30, 1017-21	3.3	11
131	The challenges of neonatal magnetic resonance imaging. <i>Pediatric Radiology</i> , <b>2012</b> , 42, 1183-94	2.8	27
130	Non-contrast-enhanced vascular magnetic resonance imaging using flow-dependent preparation with subtraction. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 67, 628-37	4.4	26
129	DCE and DW MRI in monitoring response to androgen deprivation therapy in patients with prostate cancer: a feasibility study. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 67, 778-85	4.4	53
128	MRI-based motion correction of thoracic PET: initial comparison of acquisition protocols and correction strategies suitable for simultaneous PET/MRI systems. <i>European Radiology</i> , <b>2012</b> , 22, 439-46	8	73
127	Imaging vascular function for early stage clinical trials using dynamic contrast-enhanced magnetic resonance imaging. <i>European Radiology</i> , <b>2012</b> , 22, 1451-64	8	124
126	Signal-to-noise ratio increase in carotid atheroma MRI: a comparison of 1.5 and 3 T. <i>British Journal of Radiology</i> , <b>2012</b> , 85, 937-44	3.4	12
125	Developing a new measure of small bowel peristalsis with dynamic MR: a proof of concept study. <i>Acta Radiologica</i> , <b>2012</b> , 53, 593-600	2	13
124	Advanced ovarian cancer: multiparametric MR imaging demonstrates response- and metastasis-specific effects. <i>Radiology</i> , <b>2012</b> , 263, 149-59	20.5	77
123	Non-uniform shrinkage for obtaining computational start shape for in-vivo MRI-based plaque vulnerability assessment. <i>Journal of Biomechanics</i> , <b>2011</b> , 44, 2316-9	2.9	15
122	Study of carotid arterial plaque stress for symptomatic and asymptomatic patients. <i>Journal of Biomechanics</i> , <b>2011</b> , 44, 2551-7	2.9	29
121	Ultrasmall superparamagnetic iron oxide-enhanced magnetic resonance imaging of abdominal aortic aneurysms--a feasibility study. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2011</b> , 41, 167-74	2.3	48
120	High-resolution magnetic resonance imaging-based biomechanical stress analysis of carotid atheroma: a comparison of single transient ischaemic attack, recurrent transient ischaemic attacks, non-disabling stroke and asymptomatic patient groups. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2011</b> , 41, 83-90	2.3	31
119	In vivo MRI-based 3D mechanical stress-strain profiles of carotid plaques with juxtaluminal plaque haemorrhage: an exploratory study for the mechanism of subsequent cerebrovascular events. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2011</b> , 42, 427-33	2.3	30



118	Interactive magnetic resonance voiding cystourethrography (iMRVC) for vesicoureteric reflux (VUR) in unsedated infants: a feasibility study. <i>European Radiology</i> , <b>2011</b> , 21, 1874-81	8	10
117	Impact of plaque haemorrhage and its age on structural stresses in atherosclerotic plaques of patients with carotid artery disease: an MR imaging-based finite element simulation study. <i>International Journal of Cardiovascular Imaging</i> , <b>2011</b> , 27, 397-402	2.5	23
116	Stress analysis of carotid atheroma in transient ischemic attack patients: evidence for extreme stress-induced plaque rupture. <i>Annals of Biomedical Engineering</i> , <b>2011</b> , 39, 2203-12	4.7	11
115	Sequence optimization to reduce velocity offsets in cardiovascular magnetic resonance volume flow quantification--a multi-vendor study. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13, 18	6.9	42
114	Characterization of healing following atherosclerotic carotid plaque rupture in acutely symptomatic patients: an exploratory study using in vivo cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2011</b> , 13, 64	6.9	20
113	Age-related changes of regional pulse wave velocity in the descending aorta using Fourier velocity encoded M-mode. <i>Magnetic Resonance in Medicine</i> , <b>2011</b> , 65, 261-8	4.4	24
112	Automated estimation of aortic strain from steady-state free-precession and phase contrast MR images. <i>Magnetic Resonance in Medicine</i> , <b>2011</b> , 65, 986-93	4.4	31
111	In vivo carotid plaque MRI using quantitative T2* measurements with ultrasmall superparamagnetic iron oxide particles: a dose-response study to statin therapy. <i>NMR in Biomedicine</i> , <b>2011</b> , 24, 89-95	4.4	28
110	T1-weighted fat-suppressed imaging of the pelvis with a dual-echo Dixon technique: initial clinical experience. <i>Radiology</i> , <b>2011</b> , 258, 583-9	20.5	21
109	Lumen irregularity dominates the relationship between mechanical stress condition, fibrous-cap thickness, and lumen curvature in carotid atherosclerotic plaque. <i>Journal of Biomechanical Engineering</i> , <b>2011</b> , 133, 034501	2.1	14
108	Carotid plaque inflammation is associated with cerebral microembolism in patients with recent transient ischemic attack or stroke: a pilot study. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 536-41	3.9	70
107	Magnetic Resonance Imaging in Patients with Cochlear Implants and Auditory Brain Stem Implants. <i>Cochlear Implants International</i> , <b>2010</b> , 11, 48-51	1.7	9
106	MR elastography: Spleen stiffness measurements in healthy volunteers--preliminary experience. <i>American Journal of Roentgenology</i> , <b>2010</b> , 195, 387-92	5.4	37
105	Evaluation of nonenhancing tumor fraction assessed by dynamic contrast-enhanced MRI subtraction as a predictor of decrease in tumor volume in response to chemoradiotherapy in advanced cervical cancer. <i>American Journal of Roentgenology</i> , <b>2010</b> , 195, 524-7	5.4	31
104	Watershed infarcts in transient ischemic attack/minor stroke with > or = 50% carotid stenosis: hemodynamic or embolic?. <i>Stroke</i> , <b>2010</b> , 41, 1410-6	6.7	48
103	The relationship of age with regional aortic stiffness and diameter. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 1247-55	8.4	150
102	Finite element analysis of vulnerable atherosclerotic plaques: a comparison of mechanical stresses within carotid plaques of acute and recently symptomatic patients with carotid artery disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2010</b> , 81, 286-9	5.5	24
101	Optimization of metal artefact reduction (MAR) sequences for MRI of total hip prostheses. <i>Clinical Radiology</i> , <b>2010</b> , 65, 447-52	2.9	48

100	Normalized wall index specific and MRI-based stress analysis of atherosclerotic carotid plaques: a study comparing acutely symptomatic and asymptomatic patients. <i>Circulation Journal</i> , <b>2010</b> , 74, 2360-4	2.9	23
99	Apparent diffusion coefficient and vascular signal fraction measurements with magnetic resonance imaging: feasibility in metastatic ovarian cancer at 3 Tesla: technical development. <i>European Radiology</i> , <b>2010</b> , 20, 491-6	8	53
98	Diffusion-weighted magnetic resonance imaging for the detection of lipid-rich necrotic core in carotid atheroma in vivo. <i>Neuroradiology</i> , <b>2010</b> , 52, 929-36	3.2	26
97	Arterial luminal curvature and fibrous-cap thickness affect critical stress conditions within atherosclerotic plaque: an in vivo MRI-based 2D finite-element study. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 3096-101	4.7	25
96	Three-dimensional volumetric analysis of atherosclerotic plaques: a magnetic resonance imaging-based study of patients with moderate stenosis carotid artery disease. <i>International Journal of Cardiovascular Imaging</i> , <b>2010</b> , 26, 897-904	2.5	16
95	Response to comment on: White Matter Ischaemia and Carotid Plaque Morphology. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2010</b> , 39, 118-119	2.3	
94	Association between biomechanical structural stresses of atherosclerotic carotid plaques and subsequent ischaemic cerebrovascular events--a longitudinal in vivo magnetic resonance imaging-based finite element study. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2010</b> , 40, 485-91	2.3	62
93	Accuracy of phase contrast, black-blood, and bright-blood pulse sequences for measuring compliance and distensibility coefficients in a human-tissue mimicking phantom. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 160-7	5.6	9
92	Accuracy and repeatability of fourier velocity encoded M-mode and two-dimensional cine phase contrast for pulse wave velocity measurement in the descending aorta. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 1185-94	5.6	18
91	Dynamic contrast-enhanced MRI in ovarian cancer: Initial experience at 3 tesla in primary and metastatic disease. <i>Magnetic Resonance in Medicine</i> , <b>2010</b> , 63, 1044-9	4.4	42
90	Flow measurement by cardiovascular magnetic resonance: a multi-centre multi-vendor study of background phase offset errors that can compromise the accuracy of derived regurgitant or shunt flow measurements. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2010</b> , 12, 5	6.9	170
89	Iron oxide particles for atheroma imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 1001-8	9.4	114
88	The mechanical triggers of plaque rupture: shear stress vs pressure gradient. <i>British Journal of Radiology</i> , <b>2009</b> , 82 Spec No 1, S39-45	3.4	49
87	Comparison of methods for magnetic resonance-guided [18-F]fluorodeoxyglucose positron emission tomography in human carotid arteries: reproducibility, partial volume correction, and correlation between methods. <i>Stroke</i> , <b>2009</b> , 40, 86-93	6.7	138
86	Stress analysis of carotid atheroma in a transient ischaemic attack patient using the MRI-based fluid-structure interaction method. <i>British Journal of Radiology</i> , <b>2009</b> , 82 Spec No 1, S46-54	3.4	12
85	Constrained surface controllers for three-dimensional image data reformatting. <i>Radiology</i> , <b>2009</b> , 252, 218-24	20.5	2
84	Noninvasive imaging of atheromatous carotid plaques. <i>Nature Reviews Cardiology</i> , <b>2009</b> , 6, 200-9	14.8	11
83	Association between white matter ischaemia and carotid plaque morphology as defined by high-resolution in vivo MRI. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2009</b> , 38, 149-54	2.3	16

82	Slice offset frequency and shim adjustment for interactive steady-state free-precession (SSFP) imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 29, 1230-3	5.6	1
81	Study of reproducibility of human arterial plaque reconstruction and its effects on stress analysis based on multispectral in vivo magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 30, 85-93	5.6	25
80	Carotid arterial plaque stress analysis using fluid-structure interactive simulation based on in-vivo magnetic resonance images of four patients. <i>Journal of Biomechanics</i> , <b>2009</b> , 42, 1416-1423	2.9	63
79	Temporal dependence of in vivo USPIO-enhanced MRI signal changes in human carotid atheromatous plaques. <i>Neuroradiology</i> , <b>2009</b> , 51, 457-65	3.2	26
78	Semiquantitative and quantitative dynamic contrast-enhanced magnetic resonance imaging measurements predict radiation response in cervix cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2009</b> , 74, 766-73	4	127
77	Interactive two-dimensional fresh blood imaging: a feasibility study. <i>European Radiology</i> , <b>2009</b> , 19, 904-18		4
76	Utility of USPIO-enhanced MR imaging to identify inflammation and the fibrous cap: a comparison of symptomatic and asymptomatic individuals. <i>European Journal of Radiology</i> , <b>2009</b> , 70, 555-60	4.7	90
75	The ATHEROMA (Atorvastatin Therapy: Effects on Reduction of Macrophage Activity) Study. Evaluation using ultrasmall superparamagnetic iron oxide-enhanced magnetic resonance imaging in carotid disease. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 53, 2039-50	15.1	321
74	Utility of high resolution MR imaging to assess carotid plaque morphology: a comparison of acute symptomatic, recently symptomatic and asymptomatic patients with carotid artery disease. <i>Atherosclerosis</i> , <b>2009</b> , 207, 434-9	3.1	66
73	Comparison of the inflammatory burden of truly asymptomatic carotid atheroma with atherosclerotic plaques in patients with asymptomatic carotid stenosis undergoing coronary artery bypass grafting: an ultrasmall superparamagnetic iron oxide enhanced magnetic resonance study. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2008</b> , 35, 392-8	2.3	43
72	MR-guided direct arthrography of the glenohumeral joint. <i>Clinical Radiology</i> , <b>2008</b> , 63, 1336-41; discussion 1342-3	2.9	22
71	Correlation of carotid atheromatous plaque inflammation with biomechanical stress: utility of USPIO enhanced MR imaging and finite element analysis. <i>Atherosclerosis</i> , <b>2008</b> , 196, 879-87	3.1	54
70	In vivo positive contrast IRON sequence and quantitative T(2)* measurement confirms inflammatory burden in a patient with asymptomatic carotid atheroma after USPIO-enhanced MR imaging. <i>Journal of Vascular and Interventional Radiology</i> , <b>2008</b> , 19, 446-8	2.4	11
69	Correlation of carotid atheromatous plaque inflammation using USPIO-enhanced MR imaging with degree of luminal stenosis. <i>Stroke</i> , <b>2008</b> , 39, 2144-7	6.7	54
68	In vivo non-invasive high resolution MR-based method for the determination of the elastic modulus of arterial vessels. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2008</b> , 2008, 5569-72	0.9	4
67	Characterisation of carotid atheroma in symptomatic and asymptomatic patients using high resolution MRI. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2008</b> , 79, 905-12	5.5	49
66	Measurement of stenotic carotid arterial compliance with MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2008</b> , 2008, 1403-6	0.9	3
65	Assessment of carotid plaque vulnerability using structural and geometrical determinants. <i>Circulation Journal</i> , <b>2008</b> , 72, 1092-9	2.9	48

64	Integrated physiological flow simulator and pulse sequence monitoring system for MRI. <i>Medical and Biological Engineering and Computing</i> , <b>2008</b> , 46, 399-406	3.1	11
63	T2 and T2* quantification using optimal B1 image reconstruction for multicoil arrays. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 28, 278-81	5.6	10
62	MR-guided direct arthrography of the hip. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 28, 462-5	5.6	10
61	Components of variance in a multicentre functional MRI study and implications for calculation of statistical power. <i>Human Brain Mapping</i> , <b>2008</b> , 29, 1111-22	5.9	37
60	Atorvastatin and uptake of ultrasmall superparamagnetic iron oxide nanoparticles (Ferumoxtran-10) in human monocyte-macrophages: implications for magnetic resonance imaging. <i>Biomaterials</i> , <b>2008</b> , 29, 2656-62	15.6	21
59	Correlation of macrophage location and plaque stress distribution using USPIO-enhanced MRI in a patient with symptomatic severe carotid stenosis: a new insight into risk stratification. <i>British Journal of Neurosurgery</i> , <b>2007</b> , 21, 396-8	1	16
58	Structural analysis and magnetic resonance imaging predict plaque vulnerability: a study comparing symptomatic and asymptomatic individuals. <i>Journal of Vascular Surgery</i> , <b>2007</b> , 45, 768-75	3.5	84
57	Non-invasive MR imaging of inflammation in a patient with both asymptomatic carotid atheroma and an abdominal aortic aneurysm: a case report. <i>Annals of Surgical Innovation and Research</i> , <b>2007</b> , 1, 4		15
56	Pulse sequences for contrast-enhanced magnetic resonance imaging. <i>Radiography</i> , <b>2007</b> , 13, e20-e30	2	3
55	Internal carotid artery stenosis: accuracy of subjective visual impression for evaluation with digital subtraction angiography and contrast-enhanced MR angiography. <i>Radiology</i> , <b>2007</b> , 244, 213-22	20.5	14
54	Comparison of the inflammatory burden of truly asymptomatic carotid atheroma with atherosclerotic plaques contralateral to symptomatic carotid stenosis: an ultra small superparamagnetic iron oxide enhanced magnetic resonance study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2007</b> , 78, 1337-43	5.5	48
53	Does calcium deposition play a role in the stability of atheroma? Location may be the key. <i>Cerebrovascular Diseases</i> , <b>2007</b> , 24, 452-9	3.2	66
52	Identifying vulnerable carotid plaques in vivo using high resolution magnetic resonance imaging-based finite element analysis. <i>Journal of Neurosurgery</i> , <b>2007</b> , 107, 536-42	3.2	19
51	Stress analysis of carotid plaque rupture based on in vivo high resolution MRI. <i>Journal of Biomechanics</i> , <b>2006</b> , 39, 2611-22	2.9	175
50	Interactive magnetic resonance cholangiography (MRC) with adaptive averaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2006</b> , 23, 529-33	5.6	1
49	Identifying inflamed carotid plaques using in vivo USPIO-enhanced MR imaging to label plaque macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 1601-6	9.4	279
48	Ultrafast magnetic resonance imaging protocols in stroke. <i>Expert Review of Neurotherapeutics</i> , <b>2006</b> , 6, 921-30	4.3	1
47	Extending the dynamic range of phase contrast magnetic resonance velocity imaging using advanced higher-dimensional phase unwrapping algorithms. <i>Journal of the Royal Society Interface</i> , <b>2006</b> , 3, 415-27	4.1	24

46	High-resolution magnetic resonance cholangiography (MRC) with adaptive averaging: diagnostic performance evaluation. <i>Clinical Radiology</i> , <b>2006</b> , 61, 766-70	2.9	1
45	Branch cut surface placement for unwrapping of undersampled three-dimensional phase data: application to magnetic resonance imaging arterial flow mapping. <i>Applied Optics</i> , <b>2006</b> , 45, 2711-22	1.7	27
44	Assessment of inflammatory burden contralateral to the symptomatic carotid stenosis using high-resolution ultrasmall, superparamagnetic iron oxide-enhanced MRI. <i>Stroke</i> , <b>2006</b> , 37, 2266-70	6.7	117
43	Correlation of shear stress with carotid plaque rupture using MRI and finite element analysis. <i>Journal of Neurology</i> , <b>2006</b> , 253, 379-81	5.5	7
42	Robust three-dimensional phase unwrapping algorithm for phase contrast magnetic resonance velocity imaging <b>2006</b> , 74-81		
41	MRI from Picture to Proton <b>2006</b> ,		143
40	CO2 as a distending medium for gastric and small bowel MRI: a feasibility study. <i>European Radiology</i> , <b>2005</b> , 15, 672-6	8	3
39	Cerebral haemodynamic disturbances in patients with moderate carotid artery stenosis. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2005</b> , 29, 52-7	2.3	12
38	Cost-effectiveness of diagnostic strategies prior to carotid endarterectomy. <i>Annals of Neurology</i> , <b>2005</b> , 58, 506-15	9.4	37
37	Utility of an ultrafast magnetic resonance imaging protocol in recent and semi-recent strokes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2005</b> , 76, 1002-5	5.5	28
36	Non-stenotic ruptured atherosclerotic plaque causing thrombo-embolic stroke. <i>Cerebrovascular Diseases</i> , <b>2005</b> , 20, 53-5	3.2	26
35	Identification of culprit lesions after transient ischemic attack by combined 18F fluorodeoxyglucose positron-emission tomography and high-resolution magnetic resonance imaging. <i>Stroke</i> , <b>2005</b> , 36, 2642-7	6.7	223
34	Measuring carotid stenosis on contrast-enhanced magnetic resonance angiography: diagnostic performance and reproducibility of 3 different methods. <i>Stroke</i> , <b>2004</b> , 35, 2083-8	6.7	53
33	Detection of coronary artery disease by magnetic resonance myocardial perfusion imaging with various contrast medium doses: first European multi-centre experience. <i>European Heart Journal</i> , <b>2004</b> , 25, 1657-65	9.5	150
32	Multi-sequence in vivo MRI can quantify fibrous cap and lipid core components in human carotid atherosclerotic plaques. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2004</b> , 28, 207-13	2.3	72
31	Contrast-enhanced MR angiography vs intra-arterial digital subtraction angiography for carotid imaging: activity-based cost analysis. <i>European Radiology</i> , <b>2004</b> , 14, 730-5	8	30
30	Evaluation of carotid stenosis with axial high-resolution black-blood MR imaging. <i>European Radiology</i> , <b>2004</b> , 14, 1154-61	8	13
29	MRI-derived measurements of fibrous-cap and lipid-core thickness: the potential for identifying vulnerable carotid plaques in vivo. <i>Neuroradiology</i> , <b>2004</b> , 46, 738-43	3.2	117

28	Conventional digital subtraction x-ray angiography versus magnetic resonance angiography in the evaluation of carotid disease: patient satisfaction and preferences. <i>Clinical Radiology</i> , <b>2004</b> , 59, 358-63	2.9	24
27	In vivo detection of macrophages in human carotid atheroma: temporal dependence of ultrasmall superparamagnetic particles of iron oxide-enhanced MRI. <i>Stroke</i> , <b>2004</b> , 35, 1631-5	6.7	275
26	Interactive body magnetic resonance fluoroscopy using modified single-shot half-Fourier rapid acquisition with relaxation enhancement (RARE) with multiparameter control. <i>Journal of Magnetic Resonance Imaging</i> , <b>2002</b> , 16, 85-93	5.6	22
25	Temporal lobe rating scale: application to Alzheimer's disease and frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2001</b> , 70, 165-73	5.5	132
24	Colon carcinoma: MR imaging with CO2 enema--pilot study. <i>Radiology</i> , <b>2001</b> , 219, 558-62	20.5	50
23	Modeling leg sections by bioelectrical impedance analysis, dual-energy X-ray absorptiometry, and anthropometry: assessing segmental muscle volume using magnetic resonance imaging as a reference. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 904, 298-305	6.5	39
22	A multicenter validation of an active contour-based left ventricular analysis technique. <i>Journal of Magnetic Resonance Imaging</i> , <b>2000</b> , 12, 232-9	5.6	15
21	Magnetic resonance imaging screening in women at genetic risk of breast cancer: imaging and analysis protocol for the UK multicentre study. UK MRI Breast Screening Study Advisory Group. <i>Magnetic Resonance Imaging</i> , <b>2000</b> , 18, 765-76	3.3	92
20	Comparison of cardiac stroke volume measurement determined using stereological analysis of breath-hold cine MRI and phase contrast velocity mapping. <i>British Journal of Radiology</i> , <b>2000</b> , 73, 825-32	3.4	16
19	Small bowel MRI using water as a contrast medium. <i>British Journal of Radiology</i> , <b>1999</b> , 72, 994-7	3.4	71
18	Assessment of limb muscle and adipose tissue by dual-energy X-ray absorptiometry using magnetic resonance imaging for comparison. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 1295-302	5.5	55
17	Hippocampal involvement in spatial and working memory: a structural MRI analysis of patients with unilateral mesial temporal lobe sclerosis. <i>Brain and Cognition</i> , <b>1999</b> , 41, 39-65	2.7	128
16	Predicting composition of leg sections with anthropometry and bioelectrical impedance analysis, using magnetic resonance imaging as reference. <i>Clinical Science</i> , <b>1999</b> , 96, 647	6.5	28
15	Magnetic resonance angiography. <i>British Journal of Radiology</i> , <b>1997</b> , 70, 6-28	3.4	52
14	Structural brain abnormalities in male schizophrenics reflect fronto-temporal dissociation. <i>Psychological Medicine</i> , <b>1997</b> , 27, 1257-66	6.9	100
13	Magnetic resonance imaging volumetric measurements of the superior temporal gyrus, hippocampus, parahippocampal gyrus, frontal and temporal lobes in late paraphrenia. <i>Psychological Medicine</i> , <b>1995</b> , 25, 495-503	6.9	40
12	Quantitative magnetic resonance imaging volumetry distinguishes delusional disorder from late-onset schizophrenia. <i>British Journal of Psychiatry</i> , <b>1994</b> , 165, 474-80	5.4	44
11	Dural sinus occlusion due to calvarial metastases: A CT blind spot. <i>Journal of Computer Assisted Tomography</i> , <b>1992</b> , 16, 30-4	2.2	8

10	Measurement of time-averaged flow in the middle cerebral artery by magnetic resonance imaging. <i>British Journal of Radiology</i> , <b>1991</b> , 64, 178-81	3.4	4
9	Dural sinus thrombosis. Diagnosis and follow-up by magnetic resonance angiography and imaging. <i>Neuroradiology</i> , <b>1991</b> , 33, 165-7	3.2	61
8	The measurement of time-averaged flow by magnetic resonance imaging using continuous acquisition in the carotid arteries and its comparison with Doppler ultrasound. <i>Clinical Physics and Physiological Measurement: an Official Journal of the Hospital Physicists Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics</i> <b>1990</b> , 11, 27-36		30
7	Seeing is Believing: Introduction to Image Contrast	26-40	
6	Lost in the Pulse Sequence Jungle	41-54	
5	MR: What's the attraction?	1-8	
4	Magnetic resonance angiography of the carotid artery	140-157	
3	USPIO Enhanced magnetic resonance imaging of carotid atheroma	272-287	
2	Early daze: your first week in MR	11-29	
1	MINocyclinE to Reduce inflammation and blood brain barrier leakage in small Vessel disease (MINERVA) trial study protocol. <i>European Stroke Journal</i> , 239698732211003	5.6	2