

# Roger J Ordidge

## List of Publications by Year in descending order

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142  
papers

6,296  
citations

53794

45  
h-index

74163

75  
g-index

149  
all docs

149  
docs citations

149  
times ranked

6000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high field MRI using composite RF (STEP) pulses. NMR in Biomedicine, 2021, 34, e4445.	2.8	2
2	Ultrahigh field brain magnetic resonance imaging using semiadiabatic radiofrequency pulses. NMR in Biomedicine, 2021, , e4672.	2.8	0
3	7T-fMRI: Faster temporal resolution yields optimal BOLD sensitivity for functional network imaging specifically at high spatial resolution. NeuroImage, 2018, 164, 214-229.	4.2	27
4	3D multi-echo radial imaging of <sup>23</sup> Na (3D MERINA) for time-efficient multi-parameter tissue compartment mapping. Magnetic Resonance in Medicine, 2018, 79, 1950-1961.	3.0	21
5	Feasibility of identifying the ideal locations for motor intention decoding using unimodal and multimodal classification at 7T-fMRI. Scientific Reports, 2018, 8, 15556.	3.3	4
6	Traumatic Brain Injury Results in Cellular, Structural and Functional Changes Resembling Motor Neuron Disease. Cerebral Cortex, 2017, 27, 4503-4515.	2.9	50
7	Changes in Apparent Fiber Density and Track-Weighted Imaging Metrics in White Matter following Experimental Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 2109-2118.	3.4	55
8	Quantifying the area-at-risk of myocardial infarction in-vivo using arterial spin labeling cardiac magnetic resonance. Scientific Reports, 2017, 7, 2271.	3.3	11
9	Cerebral quantitative susceptibility mapping predicts amyloid- $\beta$ -related cognitive decline. Brain, 2017, 140, 2112-2119.	7.6	213
10	Behavioral, blood and magnetic resonance imaging biomarkers of experimental mild traumatic brain injury. Scientific Reports, 2016, 6, 28713.	3.3	72
11	Using the robust principal component analysis algorithm to remove RF spike artifacts from MR images. Magnetic Resonance in Medicine, 2016, 75, 2517-2525.	3.0	15
12	Diffusion microscopic MRI of the mouse embryo: Protocol and practical implementation in the <i>C57BL/6J</i> mouse model. Magnetic Resonance in Medicine, 2015, 73, 731-739.	3.0	3
13	Mapping somatosensory connectivity in adult mice using diffusion MRI tractography and super-resolution track density imaging. NeuroImage, 2014, 102, 381-392.	4.2	15
14	Cardiac arterial spin labeling using segmented ECG-gated Look-Locker FAIR: Variability and repeatability in preclinical studies. Magnetic Resonance in Medicine, 2013, 69, 238-247.	3.0	35
15	Diffusion tensor parameters and principal eigenvector coherence: Relation to b-value intervals and field strength. Magnetic Resonance Imaging, 2013, 31, 742-747.	1.8	24
16	Anodal transcranial direct current stimulation increases brain intracellular pH and modulates bioenergetics. International Journal of Neuropsychopharmacology, 2013, 16, 1695-1706.	2.1	36
17	Monitoring systemic amyloidosis using MRI measurements of the extracellular volume fraction. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2013, 20, 93-98.	3.0	7
18	Multislice cardiac arterial spin labeling using improved myocardial perfusion quantification with simultaneously measured blood pool input function. Magnetic Resonance in Medicine, 2013, 70, 1125-1136.	3.0	16

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19	Structural correlates of active-staining following magnetic resonance microscopy in the mouse brain. <i>NeuroImage</i> , 2011, 56, 974-983.	4.2	28
20	Magnetic resonance virtual histology for embryos: 3D atlases for automated high-throughput phenotyping. <i>NeuroImage</i> , 2011, 54, 769-778.	4.2	57
21	Equilibrium contrast CMR for the detection of amyloidosis in mice. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	3.3	2
22	Improved cardiac arterial spin labelling in the mouse heart by optimisation of acquisition and analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	3.3	1
23	In vivo hadamard encoded continuous arterial spin labeling (H-CASL). <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1111-1118.	3.0	58
24	Micro-MRI phenotyping of a novel double-knockout mouse model of congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	3.3	3
25	Accuracy of infarct measurements by inversion recovery delayed-enhancement MRI during the hyper-acute phase of myocardial infarction in rats. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	3.3	0
26	High field (9.4 Tesla) magnetic resonance imaging of cortical grey matter lesions in multiple sclerosis. <i>Brain</i> , 2010, 133, 858-867.	7.6	138
27	Feasibility of simultaneous intracranial EEG-fMRI in humans: A safety study. <i>NeuroImage</i> , 2010, 49, 379-390.	4.2	85
28	Cardiac phenotyping in <i>ex vivo</i> murine embryos using $\mu$ MRI. <i>NMR in Biomedicine</i> , 2009, 22, 857-866.	2.8	33
29	Characterizing the Origin of the Arterial Spin Labelling Signal in MRI Using a Multiecho Acquisition Approach. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1836-1845.	4.3	33
30	Reducing ghosting due to k-space discontinuities in fast spin echo (FSE) imaging by a new combination of k-space ordering and parallel imaging. <i>Journal of Magnetic Resonance</i> , 2009, 200, 119-125.	2.1	5
31	Subpixel Enhancement of Nonuniform Tissue (SPENT): A Novel MRI Technique for Quantifying BMD. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 324-333.	2.8	3
32	Doubling the resolution of echo-planar brain imaging by acquisition of two k-space lines per gradient reversal using TRAIL. <i>NMR in Biomedicine</i> , 2008, 21, 79-88.	2.8	1
33	Greater Hypoxia-Induced Cell Death in Prenatal Brain after Bacterial-Endotoxin Pretreatment is not Because of Enhanced Cerebral Energy Depletion: A Chicken Embryo Model of the Intrapartum Response to Hypoxia and Infection. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 948-960.	4.3	12
34	Design, construction and evaluation of an anthropomorphic head phantom with realistic susceptibility artifacts. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 202-207.	3.4	28
35	Role of the human supplementary eye field in the control of saccadic eye movements. <i>Neuropsychologia</i> , 2007, 45, 997-1008.	1.6	59
36	Improving whole brain structural MRI at 4.7 Tesla using 4 irregularly shaped receiver coils. <i>NeuroImage</i> , 2006, 32, 1176-1184.	4.2	23

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37	Regional Variation of Cerebral Blood Flow and Arterial Transit Time in the Normal and Hypoperfused Rat Brain Measured Using Continuous Arterial Spin Labeling MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 274-282.	4.3	50
38	In vivo measurement of the longitudinal relaxation time of arterial blood (T1a) in the mouse using a pulsed arterial spin labeling approach. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 943-947.	3.0	23
39	EPI distortion correction from a simultaneously acquired distortion map using TRAIL. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 597-603.	3.4	21
40	Comparative Prognostic Utilities of Early Quantitative Magnetic Resonance Imaging Spin-Spin Relaxometry and Proton Magnetic Resonance Spectroscopy in Neonatal Encephalopathy. <i>Pediatrics</i> , 2006, 118, 1467-1477.	2.1	45
41	Delayed Whole-Body Cooling to 33 or 35°C and the Development of Impaired Energy Generation Consequential to Transient Cerebral Hypoxia-Ischemia in the Newborn Piglet. <i>Pediatrics</i> , 2006, 117, 1549-1559.	2.1	59
42	Magnetic Resonance Imaging of Neonatal Encephalopathy at 4.7 Tesla: Initial Experiences. <i>Pediatrics</i> , 2006, 118, e1812-e1821.	2.1	11
43	85 Initial Experiences of Magnetic Resonance Imaging and Spectroscopy of the Newborn Brain At 4.7 Tesla. <i>Pediatric Research</i> , 2005, 58, 369-369.	2.3	0
44	416 Cerebral Alanine Increases During the Evolution of Secondary Energy Failure Following Transient Hypoxia-Ischaemia in Newborn Brain. <i>Pediatric Research</i> , 2005, 58, 426-426.	2.3	1
45	Selective averaging for the diffusion tensor measurement. <i>Magnetic Resonance Imaging</i> , 2005, 23, 585-590.	1.8	6
46	Localized 4.7 T Proton Magnetic Resonance Spectroscopy in Neonatal Encephalopathy: Implementation, Safety and Preliminary Interpretation of Results. <i>Imaging Decisions (Berlin, Germany)</i> , 2005, 9, 31-41.	0.2	1
47	Depth of delayed cooling alters neuroprotection pattern after hypoxia-ischemia. <i>Annals of Neurology</i> , 2005, 58, 75-87.	5.3	62
48	Assessment of magnetic field (4.7 T) induced forces on prosthetic heart valves and annuloplasty rings. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 311-317.	3.4	22
49	Gradual changes in the apparent diffusion coefficient of water in selectively vulnerable brain regions following brief ischemia in the gerbil. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 593-600.	3.0	6
50	3D MDEFT imaging of the human brain at 4.7 T with reduced sensitivity to radiofrequency inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1452-1458.	3.0	33
51	Common SENSE (sensitivity encoding using hardware common to all MR scanners): A new method for single-shot segmented echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 402-410.	3.0	7
52	Understanding and optimizing the amplitude modulated control for multiple-slice continuous arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 594-604.	3.0	14
53	Spin-echo MRS in humans at high field: LASER localisation using FOCI pulses. <i>Journal of Magnetic Resonance</i> , 2005, 175, 30-43.	2.1	23
54	B0dependence of the on-resonance longitudinal relaxation time in the rotating frame (T1 $\rho$ ) in protein phantoms and rat brain in vivo. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 4-8.	3.0	26

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55	TurboFLASH FAIR imaging with optimized inversion and imaging profiles. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 46-54.	3.0	15
56	3D DT-MRI using a reduced-FOV approach and saturation pulses. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 853-857.	3.0	10
57	Method for spatially interleaving two images to halve EPI readout times: Two reduced acquisitions interleaved (TRAIL). <i>Magnetic Resonance in Medicine</i> , 2004, 51, 1212-1222.	3.0	10
58	High-resolution fast spin echo imaging of the human brain at 4.7 T: Implementation and sequence characteristics. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 1254-1264.	3.0	53
59	MR image-guided investigation of regional signal transducers and activators of transcription-1 activation in a rat model of focal cerebral ischemia. <i>Neuroscience</i> , 2004, 127, 333-339.	2.3	23
60	236 Non-Invasive Cerebral Temperature Mapping by Proton Spectroscopic Imaging. <i>Pediatric Research</i> , 2004, 56, 504-504.	2.3	3
61	118 Delayed Hypothermia is Neuroprotective in Moderate, but not Severe, Perinatal Hypoxic-Ischaemic Brain Injury. <i>Pediatric Research</i> , 2004, 56, 484-484.	2.3	1
62	269 Secondary Energy Failure in a Model of Hypoxic Ischaemic Brain Injury Assessed by Serial Phosphorous Magnetic Resonance Spectroscopy, Water Apparent Diffusion and Electrophysiology: A Pilot Study. <i>Pediatric Research</i> , 2004, 56, 509-509.	2.3	1
63	NMR investigation of the nature of water in disposable incontinence pads containing superabsorbent polymers and fluffed wood pulp. <i>Colloid and Polymer Science</i> , 2003, 281, 1127-1135.	2.1	2
64	High field MRI correlates of myelin content and axonal density in multiple sclerosis. <i>Journal of Neurology</i> , 2003, 250, 1293-1301.	3.6	266
65	Magnetic resonance proton spectroscopy and diffusion weighted imaging of chick embryo brain in ovo. <i>Developmental Brain Research</i> , 2003, 141, 101-107.	1.7	18
66	Velocity-driven adiabatic fast passage for arterial spin labeling: Results from a computer model. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 398-401.	3.0	37
67	Comparative Study of the FAIR Technique of Perfusion Quantification with the Hydrogen Clearance Method. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 689-699.	4.3	19
68	High resolution MRI of the brain at 4.7 Tesla using fast spin echo imaging. <i>British Journal of Radiology</i> , 2003, 76, 631-637.	2.2	53
69	Rapid Simultaneous Mapping of T2 and T2* by Multiple Acquisition of Spin and Gradient Echoes Using Interleaved Echo Planar Imaging (MASAGE-IEPI). <i>NeuroImage</i> , 2002, 15, 992-1002.	4.2	16
70	Translational and rotational forces on heart valve prostheses subjected ex vivo to a 4.7-T MR system. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 653-659.	3.4	11
71	Delayed hypothermia prevents decreases in N-acetylaspartate and reduced glutathione in the cerebral cortex of the neonatal pig following transient hypoxia-ischaemia. <i>Neurochemical Research</i> , 2002, 27, 1599-1604.	3.3	15
72	Simultaneous noninvasive measurement of CBF and CBV using double-echo FAIR (DEFAIR). <i>Magnetic Resonance in Medicine</i> , 2001, 45, 853-863.	3.0	23

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73	Acute changes in MRI diffusion, perfusion, T1, and T2 in a rat model of oligemia produced by partial occlusion of the middle cerebral artery. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 706-712.	3.0	42
74	Technical challenges of functional magnetic resonance imaging. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2000, 19, 42-54.	0.8	28
75	The regulation of MR examinations in Germany: a threat to scientific and technical progress for MR in Europe?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2000, 10, 4-5.	2.0	0
76	The measurement of diffusion and perfusion in biological systems using magnetic resonance imaging. <i>Physics in Medicine and Biology</i> , 2000, 45, R97-R138.	3.0	112
77	MRI safety limits: is MRI safe or not?. <i>British Journal of Radiology</i> , 2000, 73, 1-2.	2.2	2
78	Cerebral tissue water spin-spin relaxation times in human neonates at 2.4 Tesla: Methodology and the effects of maturation. <i>Magnetic Resonance Imaging</i> , 1999, 17, 1289-1295.	1.8	25
79	Use of Mitochondrial Inhibitors to Demonstrate That Cytochrome Oxidase Near-Infrared Spectroscopy Can Measure Mitochondrial Dysfunction Noninvasively in the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 27-38.	4.3	91
80	Global Call to Action on MR Safety. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 629-629.	3.4	1
81	Letter to the Editor. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 630-630.	3.4	2
82	Rapid T2* mapping using interleaved echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 368-374.	3.0	11
83	Early changes in water diffusion, perfusion, T1, and T2 during focal cerebral ischemia in the rat studied at 8.5 T. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 479-485.	3.0	130
84	Implementation of quantitative FAIR perfusion imaging with a short repetition time in time-course studies. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 829-840.	3.0	68
85	Reperfusion in a Gerbil Model of Forebrain Ischemia Using Serial Magnetic Resonance FAIR Perfusion Imaging. <i>Stroke</i> , 1999, 30, 1263-1270.	2.0	14
86	MRI measurements of cerebral deoxyhaemoglobin concentration [dHb] correlation with near infrared spectroscopy (NIRS). , 1998, 11, 281-289.		70
87	Temporal and anatomical variations of brain water apparent diffusion coefficient in perinatal cerebral hypoxic-ischemic injury: Relationships to cerebral energy metabolism. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 920-927.	3.0	73
88	A quantitative method for fast diffusion imaging using magnetization-prepared turboFLASH. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 950-960.	3.0	50
89	Anisotropic water diffusion in white and gray matter of the neonatal piglet brain before and after transient hypoxia-ischaemia. <i>Magnetic Resonance Imaging</i> , 1997, 15, 433-440.	1.8	77
90	Correlation between Absolute Deoxyhaemoglobin [dHb] Measured by Near Infrared Spectroscopy (NIRS) and Absolute R2* as Determined by Magnetic Resonance Imaging (MRI). <i>Advances in Experimental Medicine and Biology</i> , 1997, 413, 129-137.	1.6	21

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91	Frequency offset corrected inversion (FOCI) pulses for use in localized spectroscopy. Magnetic Resonance in Medicine, 1996, 36, 562-566.	3.0	189
92	Preliminary observations of transverse relaxation rates obtained at 3 Tesla from the substantia nigra of adult normal human brain. NMR in Biomedicine, 1995, 8, 25-27.	2.8	6
93	Increased iron-related MRI contrast in the substantia nigra in Parkinson's disease. Neurology, 1995, 45, 1138-1143.	1.1	300
94	Assessment of relative brain iron concentrations using $T_2^*$ -weighted and $T_2$ -weighted MRI at 3 Tesla. Magnetic Resonance in Medicine, 1994, 32, 335-341.	3.0	317
95	A low flip angle spin-echo technique for producing rapid diffusion weighted MR images. Magnetic Resonance Imaging, 1994, 12, 727-731.	1.8	4
96	Correction of motional artifacts in diffusion-weighted MR images using navigator echoes. Magnetic Resonance Imaging, 1994, 12, 455-460.	1.8	329
97	Relative assessment of brain iron levels using MRI at 3 tesla. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 449-450.	2.0	2
98	The Effect of Hypothermia on Transient Focal Ischemia in Rat Brain Evaluated by Diffusion- and Perfusion-Weighted NMR Imaging. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 732-741.	4.3	74
99	Magnetic resonance imaging assessment of evolving focal cerebral ischemia. Comparison with histopathology in rats.. Stroke, 1994, 25, 1252-1261.	2.0	253
100	Changes in the Biophysical Environment of Water Following Focal Brain Ischemia in the Rat. , 1994, , 36-48.		0
101	Histopathological correlations of nuclear magnetic resonance imaging parameters in experimental cerebral ischemia. Magnetic Resonance Imaging, 1993, 11, 241-246.	1.8	92
102	Temporal evolution and spatial distribution of the diffusion constant of water in rat brain after transient middle cerebral artery occlusion. Journal of the Neurological Sciences, 1993, 120, 123-130.	0.6	78
103	Acute elevation and recovery of intracellular $[Mg^{2+}]$ following human focal cerebral ischemia. Neurology, 1993, 43, 1577-1577.	1.1	70
104	Image Guided Volume Selective Spectroscopy: A Comparison of Techniques for In-Vivo $^{31}P$ NMR Spectroscopy of Human Brain. Nmr, 1992, , 103-117.	0.5	0
105	Atraumatic quantitation of cerebral perfusion in cats by $^{19}F$ magnetic resonance imaging. Magnetic Resonance in Medicine, 1992, 28, 39-53.	3.0	21
106	Temporal evolution of ischemic damage in rat brain measured by proton nuclear magnetic resonance imaging.. Stroke, 1991, 22, 802-808.	2.0	195
107	$^1H$ Magnetic Resonance Imaging of Normal Brain Tissue Response to Photodynamic Therapy. Neurosurgery, 1991, 29, 538-543.	1.1	13
108	Investigation of cerebral ischemia using magnetization transfer contrast (MTC) MR imaging. Magnetic Resonance Imaging, 1991, 9, 895-902.	1.8	55

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109	Real-time flow measurements using echo-planar imaging. <i>Magnetic Resonance in Medicine</i> , 1991, 18, 1-8.	3.0	68
110	4906932 NMR spectroscopy and NMR imaging. <i>Magnetic Resonance Imaging</i> , 1991, 9, X.	1.8	0
111	Magnetization transfer contrast (MTC) in FLASH MR imaging. <i>Magnetic Resonance Imaging</i> , 1991, 9, 889-893.	1.8	13
112	Observation of cerebrospinal fluid flow with echo-planar magnetic resonance imaging. <i>British Journal of Radiology</i> , 1991, 64, 89-97.	2.2	19
113	Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. <i>British Journal of Radiology</i> , 1990, 63, 430-437.	2.2	20
114	Echo planar imaging of the human fetus <i>in utero</i> at 0.5 T. <i>British Journal of Radiology</i> , 1990, 63, 833-841.	2.2	74
115	Echo-planar imaging of the human fetus <i>in utero</i> . <i>Magnetic Resonance in Medicine</i> , 1990, 13, 314-318.	3.0	39
116	Inversion-recovery echo-planar imaging (ir-epi) at 0.5 T. <i>Magnetic Resonance in Medicine</i> , 1990, 13, 514-517.	3.0	36
117	Study of internal structure of the human fetus <i>in utero</i> by echo-planar magnetic resonance imaging. <i>American Journal of Obstetrics and Gynecology</i> , 1990, 163, 601-607.	1.3	47
118	High-speed multislice T1 mapping using inversion-recovery echo-planar imaging. <i>Magnetic Resonance in Medicine</i> , 1990, 16, 238-245.	3.0	98
119	Whole-body echo-planar MR imaging at 0.5 T.. <i>Radiology</i> , 1989, 170, 257-263.	7.3	93
120	Volumar imaging using NMR spin echoes: echo-volumar imaging (EVI) at 0.1 T. <i>Journal of Physics E: Scientific Instruments</i> , 1989, 22, 324-330.	0.7	33
121	Snapshot imaging at 0.5 t using echo-planar techniques. <i>Magnetic Resonance in Medicine</i> , 1989, 10, 227-240.	3.0	57
122	PEEPâ€”A rapid chemical-shift imaging method. <i>Magnetic Resonance in Medicine</i> , 1989, 10, 282-287.	3.0	46
123	ECHO-PLANAR MAGNETIC RESONANCE IMAGING IN ABNORMAL PREGNANCIES. <i>Lancet, The</i> , 1989, 334, 157.	13.7	16
124	Snapshot head imaging at 0.5 T using the echo planar technique. <i>Magnetic Resonance in Medicine</i> , 1988, 8, 110-115.	3.0	50
125	A general approach to selection of multiple cubic volume elements using the ISIS technique. <i>Magnetic Resonance in Medicine</i> , 1988, 8, 323-331.	3.0	52
126	4714883 Method and apparatus for obtaining localized NMR spectra. <i>Magnetic Resonance Imaging</i> , 1988, 6, VI.	1.8	0



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127	Zonally magnified EPI in real time by NMR. Journal of Physics E: Scientific Instruments, 1988, 21, 275-280.	0.7	43
128	Improvements in snap-shot nuclear magnetic resonance imaging. British Journal of Radiology, 1988, 61, 822-828.	2.2	122
129	Snapshot Magnetic Resonance Imaging In Adults. , 1988, , 377-377.		0
130	Volume Selection Using Gradients and Selective Pulses. Annals of the New York Academy of Sciences, 1987, 508, 376-385.	3.8	40
131	REAL-TIME NMR IMAGING OF CORONARY VESSELS. Lancet, The, 1987, 330, 964-965.	13.7	28
132	Random noise selective excitation pulses. Magnetic Resonance in Medicine, 1987, 5, 93-98.	3.0	39
133	Real-time movie imaging from a single cardiac cycle by NMR. Magnetic Resonance in Medicine, 1987, 5, 246-254.	3.0	144
134	REAL-TIME CARDIAC IMAGING OF ADULTS AT VIDEO FRAME RATES BY MAGNETIC RESONANCE IMAGING. Lancet, The, 1986, 328, 682.	13.7	46
135	4509015 Nuclear magnetic resonance methods. Magnetic Resonance Imaging, 1986, 4, III-IV.	1.8	1
136	Measurement of T1 by echo-planar imaging and the construction of computer-generated images. Physics in Medicine and Biology, 1986, 31, 113-124.	3.0	16
137	Volume Selection Strategies for In Vivo Biological Spectroscopy. , 1986, , 105-117.		1
138	The Investigation of Structure and Metabolism by In Vivo NMR. , 1985, , 519-522.		1
139	Active detune switch for complete sensitive-volume localization in in Vivo spectroscopy using multiple rf coils and depth pulses. Journal of Magnetic Resonance, 1984, 60, 473-478.	0.5	15
140	Rapid biomedical imaging by NMR. British Journal of Radiology, 1981, 54, 850-855.	2.2	55
141	NMR imaging. , 1980, , 453-462.		1
142	Human Whole Body Line Scan Imaging by Nuclear Magnetic Resonance. IEEE Transactions on Nuclear Science, 1979, 26, 2817-2820.	2.0	7