

Michael Garwood

List of Publications by Year in descending order

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140
papers

9,577
citations

43973

48
h-index

43802

91
g-index

145
all docs

145
docs citations

145
times ranked

8540
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>B₁</i> -gradient-based MRI using frequency-modulated Rabi-encoded echoes. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 674-685.	1.9	9
2	Vitrification and Rewarming of Magnetic Nanoparticle-Loaded Rat Hearts. <i>Advanced Materials Technologies</i> , 2022, 7, 2100873.	3.0	25
3	Development and validation of 3D MP-SFP to enable MRI in inhomogeneous magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 831-844.	1.9	9
4	Dual polarity encoded MRI using high bandwidth radiofrequency pulses for robust imaging with large field inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1271-1283.	1.9	2
5	Design of an Intraoral Dipole Antenna for Dental Applications. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2563-2573.	2.5	11
6	Vitrification and Nanowarming of Kidneys. <i>Advanced Science</i> , 2021, 8, e2101691.	5.6	41
7	Emerging ethical issues raised by highly portable MRI research in remote and resource-limited international settings. <i>NeuroImage</i> , 2021, 238, 118210.	2.1	28
8	Reducing the Complexity of Model-Based MRI Reconstructions via Sparsification. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2477-2486.	5.4	0
9	Preparation of Scalable Silica-Coated Iron Oxide Nanoparticles for Nanowarming. <i>Advanced Science</i> , 2020, 7, 1901624.	5.6	61
10	UTE-SPECIAL for 3D localization at an echo time of 4Âms on a clinical 3ÂT scanner. <i>Journal of Magnetic Resonance</i> , 2020, 311, 106670.	1.2	1
11	Imaging the distribution of iron oxide nanoparticles in hypothermic perfused tissues. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1750-1759.	1.9	10
12	Noninvasive Fluorine-19 Magnetic Resonance Relaxometry Measurement of the Partial Pressure of Oxygen in Acellular Perfluorochemical-loaded Alginate Microcapsules Implanted in the Peritoneal Cavity of Nonhuman Primates. <i>Transplantation</i> , 2020, 104, 259-269.	0.5	3
13	Contemporary approaches to high-field magnetic resonance imaging with large field inhomogeneity. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 120-121, 95-108.	3.9	9
14	MRI exploiting frequency-modulated pulses and their nonlinear phase. <i>Journal of Magnetic Resonance</i> , 2020, 318, 106779.	1.2	4
15	Ultra-low frequency EPR using longitudinal detection and fictitious-field modulation. <i>Journal of Magnetic Resonance</i> , 2020, 321, 106855.	1.2	2
16	Accelerated imaging with segmented 2D pulses using parallel imaging and virtual coils. <i>Journal of Magnetic Resonance</i> , 2019, 305, 185-194.	1.2	3
17	Two-dimensional frequency-swept pulse with resilience to both B ₁ and B ₀ inhomogeneity. <i>Journal of Magnetic Resonance</i> , 2019, 299, 93-100.	1.2	7
18	Imaging of a high concentration of iron labeled cells with positive contrast in a rat knee. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1947-1954.	1.9	2

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19	RF pulse methods for use with surface coils: Frequency-modulated pulses and parallel transmission. <i>Journal of Magnetic Resonance</i> , 2018, 291, 84-93.	1.2	4
20	Designing 3D selective adiabatic radiofrequency pulses with single and parallel transmission. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 701-710.	1.9	11
21	Establishing the overlap of IONP quantification with echo and echoless MR relaxation mapping. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1420-1428.	1.9	10
22	Quantitative susceptibility mapping detects abnormalities in cartilage canals in a goat model of preclinical osteochondritis dissecans. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1276-1283.	1.9	25
23	Full analytical solution of the bloch equation when using a hyperbolic-secant driving function. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1630-1638.	1.9	8
24	Positive contrast from cells labeled with iron oxide nanoparticles: Quantitation of imaging data. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1900-1910.	1.9	12
25	Improved tissue cryopreservation using inductive heating of magnetic nanoparticles. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	213
26	Synthesis of Intrinsically Disordered Fluorinated Peptides for Modular Design of High- ¹⁹ F MRI Agents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6440-6444.	7.2	37
27	Noninvasive assessment of tissue-engineered graft viability by oxygen- ¹⁷ magnetic resonance spectroscopy. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1118-1121.	1.7	4
28	MR spectroscopy of breast cancer for assessing early treatment response: Results from the ACRIN 6657 MRS trial. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 290-302.	1.9	49
29	Quantification and biodistribution of iron oxide nanoparticles in the primary clearance organs of mice using T ₁ contrast for heating. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 702-712.	1.9	34
30	2D Pulses using spatially dependent frequency sweeping. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1364-1374.	1.9	7
31	Gradient-modulated SWIFT. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 537-546.	1.9	15
32	Electrodeposited Fe and Fe-Au nanowires as MRI contrast agents. <i>Chemical Communications</i> , 2016, 52, 12634-12637.	2.2	47
33	MRI relaxation in the presence of fictitious fields correlates with myelin content in normal rat brain. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 161-168.	1.9	33
34	Development and Validation of Noninvasive Magnetic Resonance Relaxometry for the In Vivo Assessment of Tissue-Engineered Graft Oxygenation. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 1009-1017.	1.1	14
35	Role of MRI for detecting micro cracks in teeth. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20160150.	1.3	32
36	Imaging human teeth by phosphorus magnetic resonance with nuclear Overhauser enhancement. <i>Scientific Reports</i> , 2016, 6, 30756.	1.6	8

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37	Predictable Heating and Positive MRI Contrast from a Mesoporous Silica-Coated Iron Oxide Nanoparticle. <i>Molecular Pharmaceutics</i> , 2016, 13, 2172-2183.	2.3	75
38	Gradient rotating outer volume excitation (GROOVE): A novel method for single-shot two-dimensional outer volume suppression. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 139-149.	1.9	2
39	MRI contrasts in high rank rotating frames. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 254-262.	1.9	36
40	Multiparametric MRI of Epiphyseal Cartilage Necrosis (Osteochondrosis) with Histological Validation in a Goat Model. <i>PLoS ONE</i> , 2015, 10, e0140400.	1.1	13
41	High-Spatial- and High-Temporal-Resolution Dynamic Contrast-enhanced MR Breast Imaging with Sweep Imaging with Fourier Transformation: A Pilot Study. <i>Radiology</i> , 2015, 274, 540-547.	3.6	2
42	3D cine magnetic resonance imaging of rat lung ARDS using gradient-modulated SWIFT with retrospective respiratory gating. , 2015, 9417, .		1
43	Multi-Band-SWIFT. <i>Journal of Magnetic Resonance</i> , 2015, 251, 19-25.	1.2	41
44	Phase imaging in brain using SWIFT. <i>Journal of Magnetic Resonance</i> , 2015, 252, 20-28.	1.2	4
45	Gradient-Modulated PETRA MRI. <i>Tomography</i> , 2015, 1, 85-90.	0.8	15
46	Accounting for biological aggregation in heating and imaging of magnetic nanoparticles. <i>Technology</i> , 2014, 02, 214-228.	1.4	102
47	Quantifying iron-oxide nanoparticles at high concentration based on longitudinal relaxation using a three-dimensional SWIFT look-locker sequence. <i>Magnetic Resonance in Medicine</i> , 2014, 71, spcone-spcone.	1.9	0
48	Intraoral approach for imaging teeth using the transverse B_1 field components of an occlusally oriented loop coil. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 160-165.	1.9	36
49	Quantifying iron-oxide nanoparticles at high concentration based on longitudinal relaxation using a three-dimensional SWIFT look-locker sequence. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1982-1988.	1.9	51
50	MRI by steering resonance through space. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 49-58.	1.9	18
51	Rapid ex vivo imaging of PAll prostate to bone tumor with SWIFT-MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 858-863.	1.9	12
52	Magnetization transfer and adiabatic T1-MRI reveal abnormalities in normal-appearing white matter of subjects with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1066-1073.	1.4	29
53	Exchange-induced relaxation in the presence of a fictitious field. <i>Journal of Magnetic Resonance</i> , 2014, 245, 12-16.	1.2	1
54	Optical and SPION-Enhanced MR Imaging Shows that trans-Stilbene Inhibitors of NF- κ B Concomitantly Lower Alzheimer's Disease Plaque Formation and Microglial Activation in A β PP/PS-1 Transgenic Mouse Brain. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 191-212.	1.2	51

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55	MRI of fast-relaxing spins. Journal of Magnetic Resonance, 2013, 229, 49-54.	1.2	21
56	Imaging and modification of the tumor vascular barrier for improvement in magnetic nanoparticle uptake and hyperthermia treatment efficacy. , 2013, 8584, .		10
57	Pushing spatial and temporal resolution for functional and diffusion MRI in the Human Connectome Project. NeuroImage, 2013, 80, 80-104.	2.1	769
58	MRI rotating frame relaxation measurements for articular cartilage assessment. Magnetic Resonance Imaging, 2013, 31, 1537-1543.	1.0	35
59	T_1 estimation for aqueous iron oxide nanoparticle suspensions using a variable flip angle SWIFT sequence. Magnetic Resonance in Medicine, 2013, 70, 341-347.	1.9	29
60	SPIO-Enhanced Magnetic Resonance Imaging of Alzheimer's Disease Plaques in A β 2PP/PS-1 Transgenic Mouse Brain. Journal of Alzheimer's Disease, 2013, 34, 349-365.	1.2	86
61	In vivo imaging and quantification of iron oxide nanoparticle uptake and biodistribution. , 2012, 8317, .		15
62	What is new in breast MRI spectroscopy. European Journal of Radiology, 2012, 81, S107-S108.	1.2	2
63	Continuous SWIFT. Journal of Magnetic Resonance, 2012, 220, 26-31.	1.2	47
64	Detection of calcifications in vivo and ex vivo after brain injury in rat using SWIFT. NeuroImage, 2012, 61, 761-772.	2.1	39
65	Localized ^1H NMR spectroscopy in different regions of human brain <i>in vivo</i> at 7T: T_2 relaxation times and concentrations of cerebral metabolites. NMR in Biomedicine, 2012, 25, 332-339.	1.6	117
66	Glioma cell density in a rat gene therapy model gauged by water relaxation rate along a fictitious magnetic field. Magnetic Resonance in Medicine, 2012, 67, 269-277.	1.9	21
67	Functional magnetic resonance imaging using RASER. NeuroImage, 2011, 54, 350-360.	2.1	45
68	Dental Magnetic Resonance Imaging: Making the Invisible Visible. Journal of Endodontics, 2011, 37, 745-752.	1.4	143
69	Magnetic Resonance Imaging of Amyloid Plaques in Transgenic Mouse Models of Alzheimers Disease. Current Medical Imaging, 2011, 7, 3-7.	0.4	21
70	Relaxation dispersion in MRI induced by fictitious magnetic fields. Journal of Magnetic Resonance, 2011, 209, 269-276.	1.2	30
71	Frequency offset dependence of adiabatic rotating frame relaxation rate constants: relevance to MRS investigations of metabolite dynamics <i>in vivo</i> . NMR in Biomedicine, 2011, 24, 807-814.	1.6	5
72	Targeting Vascular Amyloid in Arterioles of Alzheimer Disease Transgenic Mice With Amyloid β Protein Antibody-Coated Nanoparticles. Journal of Neuropathology and Experimental Neurology, 2011, 70, 653-661.	0.9	52

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73	Transformation in Mandibular Imaging With Sweep Imaging With Fourier Transform Magnetic Resonance Imaging. JAMA Otolaryngology, 2011, 137, 916.	1.5	25
74	MRI contrast from relaxation along a fictitious field (RAFF). Magnetic Resonance in Medicine, 2010, 64, 983-994.	1.9	59
75	SWIFT detection of SPIO-labeled stem cells grafted in the myocardium. Magnetic Resonance in Medicine, 2010, 63, 1154-1161.	1.9	61
76	Probing Slow Protein Dynamics by Adiabatic 1H and 2H NMR Experiments. Journal of the American Chemical Society, 2010, 132, 9979-9981.	6.6	39
77	Spin-echo MRI using $\pi/2$ and π hyperbolic secant pulses. Magnetic Resonance in Medicine, 2009, 61, 175-187.	1.9	36
78	Comparison of amyloid plaque contrast generated by T_2 -weighted, T_1 -weighted, and susceptibility-weighted imaging methods in transgenic mouse models of Alzheimer's disease. Magnetic Resonance in Medicine, 2009, 61, 1158-1164.	1.9	63
79	Metabolite quantification and high-field MRS in breast cancer. NMR in Biomedicine, 2009, 22, 65-76.	1.6	137
80	Rotating frame relaxation during adiabatic pulses vs. conventional spin lock: simulations and experimental results at 4 T. Magnetic Resonance Imaging, 2009, 27, 1074-1087.	1.0	66
81	Quantitative Assessment of Water Pools by $T_{1\rho}$ and $T_{2\rho}$ MRI in Acute Cerebral Ischemia of the Rat. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 206-216.	2.4	42
82	Detection of neuronal loss using $T_{1\rho}$ -MRI assessment of $1\text{H}_2\text{O}$ spin dynamics in the aphakia mouse. Journal of Neuroscience Methods, 2009, 177, 160-167.	1.3	20
83	Metabolomic Characterization of Human Rectal Adenocarcinoma with Intact Tissue Magnetic Resonance Spectroscopy. Diseases of the Colon and Rectum, 2009, 52, 520-525.	0.7	122
84	Selective Contrast Enhancement of Individual Alzheimer's Disease Amyloid Plaques Using a Polyamine and Gd-DOTA Conjugated Antibody Fragment Against Fibrillar $\text{A}\beta_{42}$ for Magnetic Resonance Molecular Imaging. Pharmaceutical Research, 2008, 25, 1861-1872.	1.7	45
85	MR Microimaging of amyloid plaques in Alzheimer's disease transgenic mice. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 82-88.	3.3	34
86	Gapped pulses for frequency-swept MRI. Journal of Magnetic Resonance, 2008, 193, 267-273.	1.2	71
87	Magnetic Resonance Spectroscopy in the Diagnosis and Treatment of Breast Cancer. Seminars in Breast Disease, 2008, 11, 100-105.	0.0	7
88	Magnetic Resonance Spectroscopy of Breast Cancer. , 2008, , 407-415.		2
89	$T_{2\rho}$ - and $T_{1\rho}$ -Adiabatic Relaxations and Contrasts. Current Analytical Chemistry, 2008, 4, 8-25.	0.6	41
90	Relaxation During Adiabatic Radiofrequency Pulses. Current Analytical Chemistry, 2007, 3, 239-251.	0.6	15

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91	Magnetic Resonance Imaging of Alzheimer's Pathology in the Brains of Living Transgenic Mice: A New Tool in Alzheimer's Disease Research. <i>Neuroscientist</i> , 2007, 13, 38-48.	2.6	73
92	Simple partial volume transceive coils for in vivo 1H MR studies at high magnetic fields. <i>Concepts in Magnetic Resonance Part B</i> , 2007, 31B, 71-85.	0.3	7
93	Assessment of brain iron and neuronal integrity in patients with Parkinson's disease using novel MRI contrasts. <i>Movement Disorders</i> , 2007, 22, 334-340.	2.2	128
94	RASER: A new ultrafast magnetic resonance imaging method. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 794-799.	1.9	85
95	In vivo micro-MRI of intracortical neurovasculature. <i>NeuroImage</i> , 2006, 32, 62-69.	2.1	48
96	The time-dependence of exchange-induced relaxation during modulated radio frequency pulses. <i>Journal of Magnetic Resonance</i> , 2006, 179, 136-139.	1.2	11
97	T1 ρ -MRI contrast in the human brain: Modulation of the longitudinal rotating frame relaxation shutter-speed during an adiabatic RF pulse. <i>Journal of Magnetic Resonance</i> , 2006, 181, 135-147.	1.2	81
98	Fast and quiet MRI using a swept radiofrequency. <i>Journal of Magnetic Resonance</i> , 2006, 181, 342-349.	1.2	305
99	9.4T human MRI: Preliminary results. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1274-1282.	1.9	278
100	Uncovering hidden in vivo resonances using editing based on localized TOCSY. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 783-789.	1.9	14
101	Exchange-influenced T2 ρ contrast in human brain images measured with adiabatic radio frequency pulses. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 823-829.	1.9	53
102	Quantitative T1 ρ and adiabatic Carr-Purcell T2 magnetic resonance imaging of human occipital lobe at 4 T. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 14-19.	1.9	45
103	Adding in Vivo Quantitative 1H MR Spectroscopy to Improve Diagnostic Accuracy of Breast MR Imaging: Preliminary Results of Observer Performance Study at 4.0 T. <i>Radiology</i> , 2005, 236, 465-475.	3.6	135
104	Monitoring disease progression in transgenic mouse models of Alzheimer's disease with proton magnetic resonance spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11906-11910.	3.3	193
105	In Vivo Magnetic Resonance Microimaging of Individual Amyloid Plaques in Alzheimer's Transgenic Mice. <i>Journal of Neuroscience</i> , 2005, 25, 10041-10048.	1.7	150
106	Imaging in breast cancer: Magnetic resonance spectroscopy. <i>Breast Cancer Research</i> , 2005, 7, 149-52.	2.2	100
107	Neoadjuvant Chemotherapy of Locally Advanced Breast Cancer: Predicting Response with in Vivo 1H MR Spectroscopy—A Pilot Study at 4 T. <i>Radiology</i> , 2004, 233, 424-431.	3.6	304
108	In vivo visualization of Alzheimer's amyloid plaques by magnetic resonance imaging in transgenic mice without a contrast agent. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1263-1271.	1.9	181

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109	Transverse relaxation in the rotating frame induced by chemical exchange. <i>Journal of Magnetic Resonance</i> , 2004, 169, 293-299.	1.2	76
110	Ultrahigh field magnetic resonance imaging and spectroscopy. <i>Magnetic Resonance Imaging</i> , 2003, 21, 1263-1281.	1.0	218
111	High-field magnetic resonance techniques for brain research. <i>Current Opinion in Neurobiology</i> , 2003, 13, 612-619.	2.0	30
112	On- and off-resonance T1 MRI in acute cerebral ischemia of the rat. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 172-176.	1.9	37
113	In vivo quantification of choline compounds in the breast with ¹ H MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 1134-1143.	1.9	317
114	Evaluation of (E)-2'-deoxy-2'-(fluoromethylene)cytidine on the 9L rat brain tumor model using MRI. <i>NMR in Biomedicine</i> , 2003, 16, 67-76.	1.6	13
115	Zoomed Functional Imaging in the Human Brain at 7 Tesla with Simultaneous High Spatial and High Temporal Resolution. <i>NeuroImage</i> , 2002, 17, 272-286.	2.1	134
116	In vivo ¹ H T2* measurement in the human occipital lobe at 4T and 7T by Carr-Purcell MRI: Detection of microscopic susceptibility contrast. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 742-750.	1.9	109
117	Proton T2 relaxation study of water, N-acetylaspartate, and creatine in human brain using Hahn and Carr-Purcell spin echoes at 4T and 7T. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 629-633.	1.9	191
118	Eliminating spurious lipid sidebands in ¹ H MRS of breast lesions. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 215-222.	1.9	97
119	The Return of the Frequency Sweep: Designing Adiabatic Pulses for Contemporary NMR. <i>Journal of Magnetic Resonance</i> , 2001, 153, 155-177.	1.2	815
120	Imaging blood flow in brain tumors using arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 169-173.	1.9	109
121	Subchronic In Vivo Effects of a High Static Magnetic Field (9.4 T) in Rats. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 122-139.	1.9	65
122	Applications of Magnetic Resonance in Model Systems: Tumor Biology and Physiology. <i>Neoplasia</i> , 2000, 2, 139-151.	2.3	110
123	Subchronic In Vivo Effects of a High Static Magnetic Field (9.4 T) in Rats. , 2000, 12, 122.		1
124	Asymmetric Adiabatic Pulses for NH Selection. <i>Journal of Magnetic Resonance</i> , 1999, 138, 173-177.	1.2	49
125	In vivo observation of lactate methyl proton magnetization transfer in rat C6 glioma. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 676-685.	1.9	24
126	Effects of continuous localized infusion of granulocyte-stimulating factor and inoculations of irradiated glioma cells on tumor regression. <i>Journal of Neurosurgery</i> , 1999, 90, 1064-1071.	0.9	36

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127	Resolution Improvements in in Vivo ^1H NMR Spectra with Increased Magnetic Field Strength. <i>Journal of Magnetic Resonance</i> , 1998, 135, 260-264.	1.2	176
128	MR Imaging Contrast Enhancement Based on Intermolecular Zero Quantum Coherences. , 1998, 281, 247-251.		225
129	Retrospective correction of surface coil MR images using an automatic segmentation and modeling approach. , 1997, 10, 125-128.		5
130	Adiabatic pulses. , 1997, 10, 423-434.		326
131	Observation of resolved glucose signals in ^1H NMR spectra of the human brain at 4 Tesla. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 1-6.	1.9	87
132	Transmural distribution of 2-deoxyglucose uptake in normal and post-ischemic canine myocardium. <i>NMR in Biomedicine</i> , 1995, 8, 9-18.	1.6	11
133	Localized detection of glioma glycolysis using edited ^1H MRS. <i>Magnetic Resonance in Medicine</i> , 1993, 30, 18-27.	1.9	71
134	Spatially localized in vivo ^1H magnetic resonance spectroscopy of an intracerebral rat glioma. <i>Magnetic Resonance in Medicine</i> , 1992, 23, 96-108.	1.9	38
135	Magnetic resonance imaging with adiabatic pulses using a single surface coil for RF transmission and signal detection. <i>Magnetic Resonance in Medicine</i> , 1989, 9, 25-34.	1.9	50
136	Spectroscopic imaging and spatial localization using adiabatic pulses and applications to detect transmural metabolite distribution in the canine heart. <i>Magnetic Resonance in Medicine</i> , 1989, 10, 14-37.	1.9	81
137	Transmural metabolite distribution in regional myocardial ischemia as studied with ^{31}P NMR. <i>Magnetic Resonance in Medicine</i> , 1989, 10, 108-118.	1.9	47
138	In Vivo ^{31}P and ^1H NMR studies of rat brain tumor pH and blood flow during acute hyperglycemia: Differential effects between subcutaneous and intracerebral locations. <i>Magnetic Resonance in Medicine</i> , 1989, 12, 219-234.	1.9	29
139	^{31}P NMR spectroscopy of their vivo metabolism of an intracerebral glioma in the rat. <i>Magnetic Resonance in Medicine</i> , 1988, 6, 403-417.	1.9	50
140	Adiabatic pulses. , 0, .		5