

Jürgen Hennig

List of Publications by Year in descending order

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Version: 2024-02-01

442
papers

24,697
citations

6613

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456
all docs

456
docs citations

456
times ranked

20483
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Pulse Wave Velocity on Atherosclerosis and Blood Flow Reversal in the Aorta. Journal of Thoracic Imaging, 2022, 37, 42-48.	1.5	2
2	Quasi-continuous production of highly hyperpolarized carbon-13 contrast agents every 15 seconds within an MRI system. Communications Chemistry, 2022, 5, .	4.5	15
3	Single shot spiral <scp>TSE</scp> with annulated segmentation. Magnetic Resonance in Medicine, 2022, 88, 651-662.	3.0	3
4	15 Years MR-encephalography. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 85-108.	2.0	13
5	Frequency-adjustable magnetic field probes. Magnetic Resonance in Medicine, 2021, 85, 1123-1133.	3.0	4
6	Localized singlet-filtered MRS in vivo. NMR in Biomedicine, 2021, 34, e4400.	2.8	9
7	High field <i>para</i>hydrogen induced polarization of succinate and phospholactate. Physical Chemistry Chemical Physics, 2021, 23, 2320-2330.	2.8	8
8	Mapping the living mouse brain neural architecture: strain-specific patterns of brain structural and functional connectivity. Brain Structure and Function, 2021, 226, 647-669.	2.3	5
9	Three-dimensional spatially resolved phase graph framework. Magnetic Resonance in Medicine, 2021, 86, 551-560.	3.0	4
10	Interaction between cognitive reserve and age moderates effect of lesion load on stroke outcome. Scientific Reports, 2021, 11, 4478.	3.3	20
11	Improving the sensitivity of spin-echo fMRI at 3T by highly accelerated acquisitions. Magnetic Resonance in Medicine, 2021, 86, 245-257.	3.0	3
12	Strategies to improve intratrain prospective motion correction for turbo spin-echo sequences with constant flip angles. Magnetic Resonance in Medicine, 2021, 86, 852-865.	3.0	6
13	Trading off spatio-temporal properties in 3D high-speed fMRI using interleaved stack-of-spirals trajectories. Magnetic Resonance in Medicine, 2021, 86, 777-790.	3.0	0
14	Cardiovascular brain impulses in Alzheimer's disease. Brain, 2021, 144, 2214-2226.	7.6	38
15	Parametric Sequential Method for MRI-Based Wall Shear Stress Quantification. IEEE Transactions on Medical Imaging, 2021, 40, 1105-1112.	8.9	0
16	Positive psychology interventions in in-patients with depression: influences of comorbidity and subjective evaluation of the training programme. BJPsych Open, 2021, 7, e109.	0.7	3
17	The ventral pathway of the human brain: A continuous association tract system. NeuroImage, 2021, 234, 117977.	4.2	32
18	Intracranial vessel wall imaging framework – Data acquisition, processing, and visualization. Magnetic Resonance Imaging, 2021, 83, 114-124.	1.8	6

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19	Carotid Geometry and Wall Shear Stress Independently Predict Increased Wall Thicknessâ€”A Longitudinal 3D MRI Study in High-Risk Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 723860.	2.4	5
20	Selective excitation of hydrogen doubles the yield and improves the robustness of parahydrogen-induced polarization of low- γ nuclei. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26645-26652.	2.8	15
21	Pulse-Programmable Magnetic Field Sweeping of Parahydrogen-Induced Polarization by Side Arm Hydrogenation. <i>Analytical Chemistry</i> , 2020, 92, 1340-1345.	6.5	28
22	Schizotypy, social stress and the emergence of psychotic-like states - A case for benign schizotypy?. <i>Schizophrenia Research</i> , 2020, 216, 435-442.	2.0	21
23	Joint Imaging Platform for Federated Clinical Data Analytics. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 1027-1038.	2.1	39
24	Analysis of accelerated 4D flow MRI in the murine aorta by radial acquisition and compressed sensing reconstruction. <i>NMR in Biomedicine</i> , 2020, 33, e4394.	2.8	6
25	Carotid geometry is an independent predictor of wall thickness â€” a 3D cardiovascular magnetic resonance study in patients with high cardiovascular risk. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 67.	3.3	18
26	The variability of functional MRI brain signal increases in Alzheimer's disease at cardiorespiratory frequencies. <i>Scientific Reports</i> , 2020, 10, 21559.	3.3	28
27	Common and dissociable effects of oxytocin and lorazepam on the neurocircuitry of fear. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11781-11787.	7.1	21
28	Hippocampal and medial prefrontal cortical volume is associated with overnight declarative memory consolidation independent of specific sleep oscillations. <i>Journal of Sleep Research</i> , 2020, 29, e13062.	3.2	2
29	The utility of multiparametric MRI to characterize hypoxic tumor subvolumes in comparison to FMISO PET/CT. Consequences for diagnosis and chemoradiation treatment planning in head and neck cancer. <i>Radiotherapy and Oncology</i> , 2020, 150, 128-135.	0.6	28
30	Histological Correlates of Diffusion-Weighted Magnetic Resonance Microscopy in a Mouse Model of Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neuroscience</i> , 2020, 14, 543.	2.8	7
31	Dynamic 2D and 3D mapping of hyperpolarized pyruvate to lactate conversion in vivo with efficient multi-echo balanced steady-state free precession at 3 T. <i>NMR in Biomedicine</i> , 2020, 33, e4291.	2.8	16
32	Analysis of the wall shear stress in a generic aneurysm under pulsating and transitional flow conditions. <i>Experiments in Fluids</i> , 2020, 61, 1.	2.4	12
33	Time-domain principal component reconstruction (tPCR): A more efficient and stable iterative reconstruction framework for non-Cartesian functional MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1321-1335.	3.0	3
34	Influence of chronotype on daily mood fluctuations: pilot study in patients with depression. <i>BJPsych Open</i> , 2020, 6, e17.	0.7	9
35	SAMBADENA Hyperpolarization of ^{13}C -succinate in an MRI: Singlet-Triplet Mixing Causes Polarization Loss. <i>ChemistryOpen</i> , 2019, 8, 728-736.	1.9	25
36	Lifetime of Para hydrogen in Aqueous Solutions and Human Blood. <i>ChemPhysChem</i> , 2019, 20, 2408-2412.	2.1	8

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37	Direct modelling of gradient artifacts for EEG-fMRI denoising and motion tracking. Journal of Neural Engineering, 2019, 16, 056010.	3.5	9
38	Comparison of wall shear stress estimates obtained by laser Doppler velocimetry, magnetic resonance imaging and numerical simulations. Experiments in Fluids, 2019, 60, 1.	2.4	12
39	MR-based wall shear stress measurements in fully developed turbulent flow using the Clauser plot method. Journal of Magnetic Resonance, 2019, 305, 16-21.	2.1	3
40	The potential of MR-Encephalography for BCI/Neurofeedback applications with high temporal resolution. NeuroImage, 2019, 194, 228-243.	4.2	14
41	Retrograde aortic blood flow as a mechanism of stroke: MR evaluation of the prevalence in a population-based study. European Radiology, 2019, 29, 5172-5179.	4.5	13
42	Oxytocin enhances the pain-relieving effects of social support in romantic couples. Human Brain Mapping, 2019, 40, 242-251.	3.6	44
43	Targeted partial reconstruction for real-time fMRI with arbitrary trajectories. Magnetic Resonance in Medicine, 2019, 81, 1118-1129.	3.0	2
44	Switching Circuit Optimization for Matrix Gradient Coils. Tomography, 2019, 5, 248-259.	1.8	4
45	Should patients with brain implants undergo MRI?. Journal of Neural Engineering, 2018, 15, 041002.	3.5	78
46	Optimization of Coil Element Configurations for a Matrix Gradient Coil. IEEE Transactions on Medical Imaging, 2018, 37, 284-292.	8.9	10
47	A positive-psychological intervention reduces acute psychosis-proneness. Schizophrenia Research, 2018, 199, 414-419.	2.0	11
48	Probing the reproducibility of quantitative estimates of structural connectivity derived from global tractography. NeuroImage, 2018, 175, 215-229.	4.2	35
49	Segmental biventricular analysis of myocardial function using high temporal and spatial resolution tissue phase mapping. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 61-73.	2.0	6
50	Direct matching methods for coils and preamplifiers in MRI. Journal of Magnetic Resonance, 2018, 290, 85-91.	2.1	4
51	Brain Reactivity and Selective Attention to Sleep-Related Words in Patients With Chronic Insomnia. Behavioral Sleep Medicine, 2018, 16, 587-600.	2.1	22
52	Development and implementation of an 84-channel matrix gradient coil. Magnetic Resonance in Medicine, 2018, 79, 1181-1191.	3.0	42
53	Application of spin echoes in the regime of weak dephasing to T_1 -mapping of the lung. Magnetic Resonance in Medicine, 2018, 79, 960-967.	3.0	1
54	Low rank alternating direction method of multipliers reconstruction for MR fingerprinting. Magnetic Resonance in Medicine, 2018, 79, 83-96.	3.0	148

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55	Cognitive and behavioral comorbidities in Rolandic epilepsy and their relation with default mode network's functional connectivity and organization. <i>Epilepsy and Behavior</i> , 2018, 78, 179-186.	1.7	27
56	Fast imaging for mapping dynamic networks. <i>NeuroImage</i> , 2018, 180, 547-558.	4.2	17
57	In vivo 13C-MRI using SAMBADENA. <i>PLoS ONE</i> , 2018, 13, e0200141.	2.5	35
58	Preoperative Assessment of Neural Elements in Lumbar Spinal Stenosis by Upright Magnetic Resonance Imaging: An Implication for Routine Practice?. <i>Cureus</i> , 2018, 10, e2440.	0.5	9
59	Effect of radiochemotherapy on T2* MRI in HNSCC and its relation to FMISO PET derived hypoxia and FDG PET. <i>Radiation Oncology</i> , 2018, 13, 159.	2.7	26
60	Design of small-scale gradient coils in magnetic resonance imaging by using the topology optimization method. <i>Chinese Physics B</i> , 2018, 27, 050201.	1.4	9
61	Improved method for MR microscopy of brain tissue cultured with the interface method combined with Lenz lenses. <i>Magnetic Resonance Imaging</i> , 2018, 52, 24-32.	1.8	5
62	Stress induced cortisol release and schizotypy - The importance of cognitive slippage and neuroticism. <i>Psychoneuroendocrinology</i> , 2018, 96, 142.	2.7	6
63	Age-related changes of right atrial morphology and inflow pattern assessed using 4D flow cardiovascular magnetic resonance: results of a population-based study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 38.	3.3	18
64	Sparse Estimation of Resting-State Effective Connectivity From fMRI Cross-Spectra. <i>Frontiers in Neuroscience</i> , 2018, 12, 287.	2.8	5
65	Determination of aortic stiffness using 4D flow cardiovascular magnetic resonance - a population-based study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 43.	3.3	39
66	Fearfulness, neuroticism/anxiety, and COMT Val158Met in long-term fear conditioning and extinction. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 7-20.	1.9	29
67	Data on the test-retest reproducibility of streamline counts as a measure of structural connectivity. <i>Data in Brief</i> , 2018, 19, 1361-1381.	1.0	3
68	From correlation to causation: Estimating effective connectivity from zero-lag covariances of brain signals. <i>PLoS Computational Biology</i> , 2018, 14, e1006056.	3.2	16
69	Image-based assessment of uncertainty in quantification of carotid lumen. , 2018, , .		1
70	Image-based assessment of uncertainty in quantification of carotid lumen. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	2
71	Prospective MR image alignment between breath-holds: Application to renal BOLD MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1573-1582.	3.0	2
72	Pseudo Steadyâ€State Free Precession for MRâ€Fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1151-1161.	3.0	71

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73	Association between COMT genotype and the control of memory guided saccades: Individual differences in healthy adults reveal a detrimental role of dopamine. <i>Vision Research</i> , 2017, 141, 170-180.	1.4	1
74	Multi-contrast and three-dimensional assessment of the aortic wall using 3 T MRI. <i>European Journal of Radiology</i> , 2017, 91, 148-154.	2.6	11
75	How the brain codes intimacy: The neurobiological substrates of romantic touch. <i>Human Brain Mapping</i> , 2017, 38, 4525-4534.	3.6	68
76	Mu Opioid Receptors in Gamma-Aminobutyric Acidergic Forebrain Neurons Moderate Motivation for Heroin and Palatable Food. <i>Biological Psychiatry</i> , 2017, 81, 778-788.	1.3	53
77	One-second MRI of a three-dimensional vocal tract to measure dynamic articulator modifications. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 94-101.	3.4	22
78	Remodeling of Sensorimotor Brain Connectivity in <i>Gpr88</i> -Deficient Mice. <i>Brain Connectivity</i> , 2017, 7, 526-540.	1.7	24
79	A comparison of Lenz lenses and LC resonators for NMR signal enhancement. <i>Concepts in Magnetic Resonance Part B</i> , 2017, 47B, e21357.	0.7	12
80	Disentangling micro from mesostructure by diffusion MRI: A Bayesian approach. <i>NeuroImage</i> , 2017, 147, 964-975.	4.2	138
81	The noise factor of receiver coil matching networks in MRI. <i>Magnetic Resonance Imaging</i> , 2017, 37, 252-259.	1.8	3
82	High resolution CBV assessment with PEAK-EPI: k-t-undersampling and reconstruction in echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2153-2166.	3.0	3
83	Enhanced subject-specific resting-state network detection and extraction with fast fMRI. <i>Human Brain Mapping</i> , 2017, 38, 817-830.	3.6	17
84	The connectomics of brain demyelination: Functional and structural patterns in the cuprizone mouse model. <i>NeuroImage</i> , 2017, 146, 1-18.	4.2	83
85	Distinctive time-lagged resting-state networks revealed by simultaneous EEG-fMRI. <i>NeuroImage</i> , 2017, 145, 1-10.	4.2	32
86	Early tissue damage and microstructural reorganization predict disease severity in experimental epilepsy. <i>ELife</i> , 2017, 6, .	6.0	41
87	Preclinical 4D-flow magnetic resonance phase contrast imaging of the murine aortic arch. <i>PLoS ONE</i> , 2017, 12, e0187596.	2.5	13
88	Aortic atheroma as a source of stroke – assessment of embolization risk using 3D CMR in stroke patients and controls. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 67.	3.3	33
89	Psychophysiological Assessment of Social Stress in Natural and Laboratory Situations. <i>Journal of Psychophysiology</i> , 2017, 31, 67-77.	0.7	6
90	The Role of Dopamine in Anticipatory Pursuit Eye Movements: Insights from Genetic Polymorphisms in Healthy Adults. <i>ENeuro</i> , 2016, 3, ENEURO.0190-16.2016.	1.9	2

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91	The Idea Is Good, butâ€¦: Failure to Replicate Associations of Oxytocinergic Polymorphisms with Face-Inversion in the N170. PLoS ONE, 2016, 11, e0151991.	2.5	8
92	Magnetic Resonance Spectroscopy in Patients with Insomnia: A Repeated Measurement Study. PLoS ONE, 2016, 11, e0156771.	2.5	31
93	Objective sleep disturbances are associated with greater waking resting-state connectivity between the retrosplenial cortex/hippocampus and various nodes of the default mode network. Journal of Psychiatry and Neuroscience, 2016, 41, 295-303.	2.4	73
94	Predictors and signatures of recovery from neglect in acute stroke. Annals of Neurology, 2016, 79, 673-686.	5.3	55
95	Dental MRI using wireless intraoral coils. Scientific Reports, 2016, 6, 23301.	3.3	78
96	Magnetic resonance imaging of intraoral hard and soft tissues using an intraoral coil and FLASH sequences. European Radiology, 2016, 26, 4616-4623.	4.5	44
97	Marker-based ballistocardiographic artifact correction improves spike identification in EEG-fMRI of focal epilepsy patients. Clinical Neurophysiology, 2016, 127, 2802-2811.	1.5	7
98	Deletion of the mu opioid receptor gene in mice reshapes the rewardâ€“aversion connectome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11603-11608.	7.1	64
99	EEG-fMRI Gradient Artifact Correction by Multiple Motion-Related Templates. IEEE Transactions on Biomedical Engineering, 2016, 63, 2647-2653.	4.2	14
100	Spin echoes in the regime of weak dephasing. Magnetic Resonance in Medicine, 2016, 75, 150-160.	3.0	12
101	Nanoprobes for Multimodal Visualization of Bone Mineral Phase in Magnetic Resonance and Near-Infrared Optical Imaging. ACS Omega, 2016, 1, 182-192.	3.5	11
102	Perceptual Experience of Visual Motion Activates hMT+ Independently From the Physical Reality: fMRI Insights From the Looming Pinna Figure. Perception, 2016, 45, 1211-1221.	1.2	3
103	Molecular MRI in the Earthâ€™s Magnetic Field Using Continuous Hyperpolarization of a Biomolecule in Water. Journal of Physical Chemistry B, 2016, 120, 5670-5677.	2.6	37
104	Performance evaluation of matrix gradient coils. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 59-73.	2.0	15
105	Design of a 3T preamplifier which stability is insensitive to coil loading. Journal of Magnetic Resonance, 2016, 265, 215-223.	2.1	4
106	Ultra-fast magnetic resonance encephalography of physiological brain activity â€“ Glymphatic pulsation mechanisms?. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1033-1045.	4.3	283
107	Relationship of 5-HTTLPR Polymorphism with Various Factors of Pain Processing: Subjective Experience, Motor Responsiveness and Catastrophizing. PLoS ONE, 2016, 11, e0153089.	2.5	10
108	The Lumbar Spine as a Dynamic Structure Depicted in Upright MRI. Medicine (United States), 2015, 94, e1299.	1.0	17

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109	Parallel imaging with phase scrambling. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1407-1419.	3.0	11
110	Inflection Points in Magnetic Resonance Imaging Technologyâ€”35 Years of Collaborative Research and Development. <i>Investigative Radiology</i> , 2015, 50, 645-656.	6.2	1
111	Image reconstruction in k-space from MR data encoded with ambiguous gradient fields. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 857-864.	3.0	6
112	Single-shot imaging with higher-dimensional encoding using magnetic field monitoring and concomitant field correction. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1340-1357.	3.0	13
113	Acceleration of MRI of the vocal tract provides additional insight into articulator modifications. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 925-935.	3.4	26
114	Intrinsic diffusion sensitivity of the balanced steady-state free precession (bSSFP) imaging sequence. <i>NMR in Biomedicine</i> , 2015, 28, 1383-1392.	2.8	6
115	Multislice localized parallel excitation for <scp>EPI</scp> applications in humans. <i>Concepts in Magnetic Resonance Part B</i> , 2015, 45, 153-173.	0.7	0
116	Revealing signal from noisy ¹⁹F MR images by chemical shift artifact correction. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2225-2233.	3.0	11
117	A single dual-stream framework for syntactic computations in music and language. <i>NeuroImage</i> , 2015, 117, 267-283.	4.2	63
118	The ventral fiber pathway for pantomime of object use. <i>NeuroImage</i> , 2015, 106, 252-263.	4.2	70
119	Predicting Planning Performance from Structural Connectivity Between Left and Right Mid-Dorsolateral Prefrontal Cortex: Moderating Effects of Age During Postadolescence and Midadulthood. <i>Cerebral Cortex</i> , 2015, 25, 869-883.	2.9	20
120	Incorporation of image data from a previous examination in 3D serial MR imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 413-425.	2.0	4
121	Improving the robustness of 3D turbo spin echo imaging to involuntary motion. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 329-345.	2.0	17
122	An L1-norm phase constraint for half-Fourier compressed sensing in 3D MR imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 459-472.	2.0	16
123	Monoplanar gradient system for imaging with nonlinear gradients. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 447-457.	2.0	8
124	Fast PRF-based MR thermometry using double-echo EPI: in vivo comparison in a clinical hyperthermia setting. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 305-314.	2.0	22
125	Phased-array of microcoils allows <scp>MR</scp> microscopy of <i>ex vivo</i> human skin samples at 9.4 T. <i>Skin Research and Technology</i> , 2015, 21, 61-68.	1.6	11
126	Variations in central serotonergic activity â€” Relevance of the 5-HTTLPR, life events and their interaction. <i>Behavioural Brain Research</i> , 2015, 277, 245-253.	2.2	2

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127	Modular Coils with Low Hydrogen Content Especially for MRI of Dry Solids. PLoS ONE, 2015, 10, e0139763.	2.5	9
128	Negative BOLD in default-mode structures measured with EEG-MREG is larger in temporal than extra-temporal epileptic spikes. Frontiers in Neuroscience, 2014, 8, 335.	2.8	16
129	Cortisol awakening and stress response, personality and psychiatric profiles in patients with takotsubo cardiomyopathy. Heart, 2014, 100, 1786-1792.	2.9	29
130	A False-Positive Detection Bias as a Function of State and Trait Schizotypy in Interaction with Intelligence. Frontiers in Psychiatry, 2014, 5, 135.	2.6	15
131	Reduced anterior internal capsule white matter integrity in primary insomnia. Human Brain Mapping, 2014, 35, 3431-3438.	3.6	72
132	Local shape adaptation for curved slice selection. Magnetic Resonance in Medicine, 2014, 72, 112-123.	3.0	10
133	MR image reconstruction from generalized projections. Magnetic Resonance in Medicine, 2014, 72, 546-557.	3.0	14
134	Attentionâ€network specific alterations of structural connectivity in the undamaged white matter in acute neglect. Human Brain Mapping, 2014, 35, 4678-4692.	3.6	40
135	Quantification and correction of respiration induced dynamic field map changes in fMRI using 3D single shot techniques. Magnetic Resonance in Medicine, 2014, 71, 1093-1102.	3.0	38
136	Influence of knee flexion angle and weight bearing on the Tibial Tuberosity-Trochlear Groove (TTTG) distance for evaluation of patellofemoral alignment. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2655-2661.	4.2	71
137	Direct cerebral and cardiac 17O-MRI at 3Âtesla: initial results at natural abundance. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2014, 27, 95-99.	2.0	27
138	Design multiple-layer gradient coils using least-squares finite element method. Structural and Multidisciplinary Optimization, 2014, 49, 523-535.	3.5	13
139	Toward Biocompatible Nuclear Hyperpolarization Using Signal Amplification by Reversible Exchange: Quantitative <i>in Situ</i> Spectroscopy and High-Field Imaging. Analytical Chemistry, 2014, 86, 1767-1774.	6.5	105
140	Magnetic resonance spectroscopy comparing adults with high functioning autism and above average IQ. Molecular Psychiatry, 2014, 19, 1251-1251.	7.9	19
141	Continuous Reâ€hyperpolarization of Nuclear Spins Using Parahydrogen: Theory and Experiment. ChemPhysChem, 2014, 15, 2451-2457.	2.1	41
142	Disturbed cingulate glutamate metabolism in adults with high-functioning autism spectrum disorder: evidence in support of the excitatory/inhibitory imbalance hypothesis. Molecular Psychiatry, 2014, 19, 1314-1325.	7.9	125
143	Working Memory in Schizophrenia: Behavioral and Neural Evidence for Reduced Susceptibility to Item-Specific Proactive Interference. Biological Psychiatry, 2014, 76, 486-494.	1.3	26
144	Fast fMRI provides high statistical power in the analysis of epileptic networks. NeuroImage, 2014, 88, 282-294.	4.2	48

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145	Interindividual synchronization of brain activity during live verbal communication. Behavioural Brain Research, 2014, 258, 75-79.	2.2	50
146	Fine-grained mapping of mouse brain functional connectivity with resting-state fMRI. NeuroImage, 2014, 96, 203-215.	4.2	69
147	Magnetic Resonance in Medicine at 30. Magnetic Resonance in Medicine, 2014, 71, 901-902.	3.0	0
148	Insomnia Disorder is Associated with Increased Amygdala Reactivity to Insomnia-Related Stimuli. Sleep, 2014, 37, 1907-1917.	1.1	125
149	Stages: Sub- Fourier dynamic shim updating using nonlinear magnetic field phase preparation. Magnetic Resonance in Medicine, 2014, 71, 57-66.	3.0	9
150	Reproduction of motion artifacts for performance analysis of prospective motion correction in MRI. Magnetic Resonance in Medicine, 2014, 71, 182-190.	3.0	40
151	Local field of view imaging for alias-free undersampling with nonlinear spatial encoding magnetic fields. Magnetic Resonance in Medicine, 2014, 71, 1002-1014.	3.0	5
152	The Relationship between Brain Morphology and Polysomnography in Healthy Good Sleepers. PLoS ONE, 2014, 9, e109336.	2.5	10
153	Excitation and geometrically matched local encoding of curved slices. Magnetic Resonance in Medicine, 2013, 69, 1317-1325.	3.0	18
154	Inner-volume imaging in vivo using three-dimensional parallel spatially selective excitation. Magnetic Resonance in Medicine, 2013, 69, 1367-1378.	3.0	39
155	Accelerated point spread function mapping using signal modeling for accurate echo-planar imaging geometric distortion correction. Magnetic Resonance in Medicine, 2013, 69, 1650-1656.	3.0	6
156	Reconstruction of undersampled radial PatLoc imaging using total generalized variation. Magnetic Resonance in Medicine, 2013, 70, 40-52.	3.0	23
157	A continuous-flow, high-throughput, high-pressure parahydrogen converter for hyperpolarization in a clinical setting. NMR in Biomedicine, 2013, 26, 124-131.	2.8	83
158	Single shot whole brain imaging using spherical stack of spirals trajectories. NeuroImage, 2013, 73, 59-70.	4.2	90
159	Tendon Graft Fixation Sites at the Coracoid Process for Reconstruction of the Coracoclavicular Ligaments: A Kinematic Evaluation of Three Different Surgical Techniques. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2013, 29, 317-324.	2.7	4
160	A hyperpolarized equilibrium for magnetic resonance. Nature Communications, 2013, 4, 2946.	12.8	126
161	Ballistocardiographic artifact removal from simultaneous EEG-fMRI using an optical motion-tracking system. NeuroImage, 2013, 75, 1-11.	4.2	53
162	Revisiting the Functional Specialization of Left Inferior Frontal Gyrus in Phonological and Semantic Fluency: The Crucial Role of Task Demands and Individual Ability. Journal of Neuroscience, 2013, 33, 7837-7845.	3.6	117

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163	Tracking dynamic resting-state networks at higher frequencies using MR-encephalography. <i>NeuroImage</i> , 2013, 65, 216-222.	4.2	150
164	A battery-driven, low-field NMR unit for thermally and hyperpolarized samples. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 491-499.	2.0	33
165	Iterative separation of transmit and receive phase contributions and B ₁ + -based estimation of the specific absorption rate for transmit arrays. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 463-476.	2.0	14
166	Segmental myocardial velocities in dilated cardiomyopathy with and without left bundle branch block. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 119-126.	3.4	16
167	Mapping remodeling of thalamocortical projections in the living <i>reeler</i> mouse brain by diffusion tractography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1797-806.	7.1	51
168	Single shot trajectory design for region-specific imaging using linear and nonlinear magnetic encoding fields. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 684-696.	3.0	23
169	Impact of Alcohol-Related Video Sequences on Functional MRI in Abstinent Alcoholics. <i>European Addiction Research</i> , 2013, 20, 33-40.	2.4	10
170	A stress MRI of the shoulder for evaluation of ligamentous stabilizers in acute and chronic acromioclavicular joint instabilities. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1486-1492.	3.4	23
171	Development and Characterization of An Unshielded PatLoc Gradient Coil for Human Head Imaging. <i>Concepts in Magnetic Resonance Part B</i> , 2013, 43, 111-125.	0.7	7
172	Insomnia Does Not Appear to be Associated With Substantial Structural Brain Changes. <i>Sleep</i> , 2013, 36, 731-737.	1.1	97
173	PexLoc™ Parallel excitation using local encoding magnetic fields with nonlinear and nonbijective spatial profiles. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1220-1228.	3.0	11
174	The Impact of Acamprosate on Cue Reactivity in Alcohol Dependent Individuals. <i>Journal of Clinical Psychopharmacology</i> , 2012, 32, 661-665.	1.4	21
175	In Vivo Analysis of Coracoclavicular Ligament Kinematics During Shoulder Abduction. <i>American Journal of Sports Medicine</i> , 2012, 40, 185-192.	4.2	22
176	Gradients in Ultra High Field (UHF) MRI. <i>Medical Radiology</i> , 2012, , 27-40.	0.1	4
177	Small amygdala – high aggression? The role of the amygdala in modulating aggression in healthy subjects. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 75-81.	2.6	60
178	Lab on a chip phased-array MR multi-platform analysis system. <i>Lab on A Chip</i> , 2012, 12, 495-502.	6.0	49
179	Practical considerations for in vivo MRI with higher dimensional spatial encoding. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 419-431.	2.0	18
180	Functional spectroscopy to no-gradient fMRI. <i>NeuroImage</i> , 2012, 62, 693-698.	4.2	7

#	ARTICLE	IF	CITATIONS
181	On the spin order transfer from parahydrogen to another nucleus. <i>Journal of Magnetic Resonance</i> , 2012, 225, 25-35.	2.1	68
182	Dental MRI: Imaging of soft and solid components without ionizing radiation. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 841-846.	3.4	75
183	Localization by nonlinear phase preparation and k -space trajectory design. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1620-1632.	3.0	29
184	Microcoil-based MR phase imaging and manganese enhanced microscopy of glial tumor neurospheres with direct optical correlation. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 86-97.	3.0	7
185	Use of simulated annealing for the design of multiple repetition time balanced steady-state free precession imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 220-226.	3.0	6
186	Single shot concentric shells trajectories for ultra fast fMRI. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 484-494.	3.0	81
187	Imaging with positive T_1 -contrast using superstimulated echoes. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1157-1165.	3.0	7
188	Reconstruction of MRI data encoded by multiple nonbijective curvilinear magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1145-1156.	3.0	31
189	Diffusion sensitivity of turbo spin echo sequences. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1528-1537.	3.0	21
190	Variability of fMRI response patterns at different spatial observation scales. <i>Human Brain Mapping</i> , 2012, 33, 1155-1171.	3.6	16
191	An approach towards molecular imaging of activated platelets allows imaging of symptomatic human carotid plaques in a new model of a tissue flow chamber. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 204-213.	0.8	9
192	Optimization MRI Cylindrical Coils Using Discretized Stream Function With High Order Smoothness. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1179-1188.	2.1	10
193	Three-dimensional arbitrary voxel shapes in spectroscopy with submillisecond TEs. <i>NMR in Biomedicine</i> , 2012, 25, 1000-1006.	2.8	7
194	Closed circuit MR compatible pulsatile pump system using a ventricular assist device and pressure control unit. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 258-268.	3.0	19
195	Selective excitation of two-dimensional arbitrarily shaped voxels with parallel excitation in spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 300-309.	3.0	12
196	Prospective motion correction with continuous gradient updates in diffusion weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 326-338.	3.0	58
197	Four-dimensional flow-sensitive MRI of the thoracic aorta: 12-versus 32-channel coil arrays. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 190-195.	3.4	14
198	Fast Undersampled Functional Magnetic Resonance Imaging Using Nonlinear Regularized Parallel Image Reconstruction. <i>PLoS ONE</i> , 2011, 6, e28822.	2.5	52

#	ARTICLE	IF	CITATIONS
199	Radial Imaging With Multipolar Magnetic Encoding Fields. IEEE Transactions on Medical Imaging, 2011, 30, 2134-2145.	8.9	16
200	Volumetric analysis of MRI data monitoring the treatment of polycystic kidney disease in a mouse model. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 109-119.	2.0	7
201	Microcoil-based MRI: feasibility study and cell culture applications using a conventional animal system. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 137-145.	2.0	11
202	Assessment of flow instabilities in the healthy aorta using flow-sensitive MRI. Journal of Magnetic Resonance Imaging, 2011, 33, 839-846.	3.4	71
203	Magnetic resonance tissue phase mapping: Analysis of age-related and pathologically altered left ventricular radial and long-axis dyssynchrony. Journal of Magnetic Resonance Imaging, 2011, 34, 518-525.	3.4	16
204	Robust spatially selective excitation using radiofrequency pulses adapted to the effective spatially encoding magnetic fields. Magnetic Resonance in Medicine, 2011, 65, 409-421.	3.0	22
205	Simultaneously driven linear and nonlinear spatial encoding fields in MRI. Magnetic Resonance in Medicine, 2011, 65, 702-714.	3.0	65
206	Three-dimensional MR-encephalography: Fast volumetric brain imaging using rosette trajectories. Magnetic Resonance in Medicine, 2011, 65, 1260-1268.	3.0	59
207	Increasing spoiling efficiency in RFspoiled gradient echo sequences by averaging of RF phasecycleadapted spaces. Magnetic Resonance in Medicine, 2011, 66, 1123-1128.	3.0	2
208	In vivo noninvasive 4D pressure difference mapping in the human aorta: Phantom comparison and application in healthy volunteers and patients. Magnetic Resonance in Medicine, 2011, 66, 1079-1088.	3.0	106
209	Acute visual neglect and extinction: distinct functional state of the visuospatial attention system. Brain, 2011, 134, 3310-3325.	7.6	85
210	Visual cortex abnormalities in adults with ADHD: A structural MRI study. World Journal of Biological Psychiatry, 2011, 12, 260-270.	2.6	63
211	Investigation and modeling of magnetization transfer effects in two-dimensional multislice turbo spin echo sequences with low constant or variable flip angles at 3 T. Magnetic Resonance in Medicine, 2010, 63, 230-234.	3.0	26
212	Optimized EPI for fMRI using a slice-dependent template-based gradient compensation method to recover local susceptibility-induced signal loss. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 165-176.	2.0	11
213	An MRI Receiver Coil Produced by Inkjet Printing Directly on to a Flexible Substrate. IEEE Transactions on Medical Imaging, 2010, 29, 482-487.	8.9	47
214	Direct Magnetic Field Estimation Based on Echo Planar Raw Data. IEEE Transactions on Medical Imaging, 2010, 29, 1401-1411.	8.9	3
215	Single-voxel MRS with prospective motion correction and retrospective frequency correction. NMR in Biomedicine, 2010, 23, 325-332.	2.8	51
216	In vivo diffusion tensor magnetic resonance imaging and fiber tracking of the mouse brain. NMR in Biomedicine, 2010, 23, 884-896.	2.8	47

#	ARTICLE	IF	CITATIONS
217	Extended multiâ€angle <i>B</i> ₁ mapping: A 3D mapping method for inhomogeneous <i>B</i> ₁ fields. Concepts in Magnetic Resonance Part B, 2010, 37B, 203-214.	0.7	5
218	Navigator accuracy requirements for prospective motion correction. Magnetic Resonance in Medicine, 2010, 63, 162-170.	3.0	44
219	4D phase contrast MRI at 3 T: Effect of standard and bloodâ€pool contrast agents on SNR, PCâ€MRA, and blood flow visualization. Magnetic Resonance in Medicine, 2010, 63, 330-338.	3.0	146
220	Continuously moving table timeâ€ofâ€flight angiography of the peripheral veins. Magnetic Resonance in Medicine, 2010, 63, 1219-1229.	3.0	3
221	Multiplex RARE: A simultaneous multislice spinâ€echo sequence that fulfils CPMG conditions. Magnetic Resonance in Medicine, 2010, 64, 299-305.	3.0	1
222	In vivo assessment of wall shear stress in the atherosclerotic aorta using flowâ€sensitive 4D MRI. Magnetic Resonance in Medicine, 2010, 63, 1529-1536.	3.0	108
223	Reconstruction of MRI data encoded with arbitrarily shaped, curvilinear, nonbijective magnetic fields. Magnetic Resonance in Medicine, 2010, 64, 1390-1403.	3.0	65
224	Optimized parallel imaging for dynamic PCâ€MRI with multidirectional velocity encoding. Magnetic Resonance in Medicine, 2010, 64, 472-480.	3.0	15
225	Extended phase graphs with anisotropic diffusion. Journal of Magnetic Resonance, 2010, 205, 276-285.	2.1	55
226	Magnetic Resonance Tissue Phase Mapping of Myocardial Motion. Circulation: Cardiovascular Imaging, 2010, 3, 54-64.	2.6	79
227	Structural Connectivity for Visuospatial Attention: Significance of Ventral Pathways. Cerebral Cortex, 2010, 20, 121-129.	2.9	155
228	Time Scales of Auditory Habituation in the Amygdala and Cerebral Cortex. Cerebral Cortex, 2010, 20, 2531-2539.	2.9	41
229	Complex Plaques in the Proximal Descending Aorta. Stroke, 2010, 41, 1145-1150.	2.0	138
230	In Vivo Wall Shear Stress Distribution in the Carotid Artery. Circulation: Cardiovascular Imaging, 2010, 3, 647-655.	2.6	181
231	Reduced interhemispheric structural connectivity between anterior cingulate cortices in borderline personality disorder. Psychiatry Research - Neuroimaging, 2010, 181, 151-154.	1.8	43
232	On-chip three dimensional microcoils for MRI at the microscale. Lab on A Chip, 2010, 10, 1387.	6.0	61
233	Neurochemical alterations in women with borderline personality disorder and comorbid attention-deficit hyperactivity disorder. World Journal of Biological Psychiatry, 2010, 11, 372-381.	2.6	23
234	A phase IA, open-label, dose-escalating study of PTK787/ZK 222584 administered orally on a continuous dosing schedule in patients with advanced cancer. Anticancer Research, 2010, 30, 2335-9.	1.1	6

#	ARTICLE	IF	CITATIONS
235	Extraction of prefronto-amygdalar pathways by combining probability maps. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 217-222.	1.8	52
236	Visualization of multidirectional regional left ventricular dynamics by high-temporal-resolution tissue phase mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1043-1052.	3.4	35
237	Three-dimensional analysis of segmental wall shear stress in the aorta by flow-sensitive four-dimensional-MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 77-84.	3.4	153
238	Fast functional brain imaging using constrained reconstruction based on regularization using arbitrary projections. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 394-405.	3.0	28
239	Fast multiecho balanced SSFP metabolite mapping of 1H and hyperpolarized 13C compounds. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2009, 22, 251-256.	2.0	83
240	Carotid intima-media thickness and distensibility measured by MRI at 3T versus high-resolution ultrasound. <i>European Radiology</i> , 2009, 19, 1470-1479.	4.5	27
241	Fluid-Dynamic Modeling of the Human Left Ventricle: Methodology and Application to Surgical Ventricular Reconstruction. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1187-1195.	1.3	87
242	DCE-MRI assessment of the effect of vandetanib on tumor vasculature in patients with advanced colorectal cancer and liver metastases: a randomized phase I study. <i>Journal of Angiogenesis Research</i> , 2009, 1, 5.	2.9	47
243	Cerebral correlates of heart rate variations during a spontaneous panic attack in the fMRI scanner. <i>Neurocase</i> , 2009, 15, 527-534.	0.6	19
244	Fully automated classification of HARDI in vivo data using a support vector machine. <i>NeuroImage</i> , 2009, 46, 642-651.	4.2	19
245	Retrograde Embolism From the Descending Aorta. <i>Stroke</i> , 2009, 40, 1505-1508.	2.0	70
246	Three-Dimensional Flow Characteristics in Aortic Coarctation and Poststenotic Dilatation. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 776-778.	0.9	20
247	Onset and Maintenance of Angiogenesis in Biomaterials: In Vivo Assessment by Dynamic Contrast-Enhanced MRI. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 455-462.	2.1	12
248	Probabilistic Assignment of Brain Responses to the Human Amygdala and its Subregions using High Resolution Functional MRI. <i>IFMBE Proceedings</i> , 2009, , 807-810.	0.3	1
249	Analysis of MR Images of Mice in Preclinical Treatment Monitoring of Polycystic Kidney Disease. <i>Lecture Notes in Computer Science</i> , 2009, 12, 665-672.	1.3	4
250	Optimized 3D bright blood MRI of aortic plaque at 3 T. <i>Magnetic Resonance Imaging</i> , 2008, 26, 330-336.	1.8	11
251	Paramagnetic Liposomes as Thermosensitive Probes for MRI-Guided Thermal Treatment: In Vitro Feasibility Studies. <i>Applied Magnetic Resonance</i> , 2008, 33, 469.	1.2	4
252	Parallel imaging in non-bijective, curvilinear magnetic field gradients: a concept study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 5-14.	2.0	125

#	ARTICLE	IF	CITATIONS
253	Ultra high field MR: useful instruments or toys for the boys. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 1-3.	2.0	10
254	Multidirectional flow analysis by cardiovascular magnetic resonance in aneurysm development following repair of aortic coarctation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, 30.	3.3	65
255	Vitamin C estimation with standard ¹ H spectroscopy using a clinical 3T MR system: Detectability and reliability within the human brain. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 351-358.	3.4	12
256	kspace accelerated myocardial perfusion. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1080-1085.	3.4	12
257	Image analysis in time-resolved large field of view 3D MR angiography at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1116-1124.	3.4	15
258	Parallel MRI with extended and averaged GRAPPA kernels (PEAK-GRAPPA): Optimized spatiotemporal dynamic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1226-1232.	3.4	66
259	Moment and direction of the spoiler gradient for effective artifact suppression in RF-spoiled gradient echo imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 119-127.	3.0	14
260	Balanced left ventricular myocardial SSFP-tagging at 1.5T and 3T. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 631-639.	3.0	12
261	Highly kspace-accelerated phase-contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1169-1177.	3.0	79
262	Development and optimization of weighted methods with reduced RF power deposition (Hypercho-TSE) for magnetic resonance imaging. <i>Zeitschrift Fur Medizinische Physik</i> , 2008, 18, 151-161.	1.5	18
263	An Approach of Deriving Relative Sensitivity Profiles for Image Reconstruction in MRI. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 817-827.	10.8	1
264	Time-resolved magnetic resonance angiography and flow-sensitive 4-dimensional magnetic resonance imaging at 3 Tesla for blood flow and wall shear stress analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 400-407.	0.8	66
265	Neurochemical and structural correlates of executive dysfunction in schizophrenia. <i>Schizophrenia Research</i> , 2008, 99, 155-163.	2.0	63
266	Cerebral correlates of muscle tone fluctuations in restless legs syndrome: A pilot study with combined functional magnetic resonance imaging and anterior tibial muscle electromyography. <i>Sleep Medicine</i> , 2008, 9, 177-183.	1.6	33
267	Connecting and merging fibres: Pathway extraction by combining probability maps. <i>NeuroImage</i> , 2008, 43, 81-89.	4.2	64
268	Frontolimbic glutamate alterations in first episode schizophrenia: Evidence from a magnetic resonance spectroscopy study. <i>World Journal of Biological Psychiatry</i> , 2008, 9, 59-63.	2.6	74
269	Hypercho-Turbo Spin-Echo Sequences at 3T: Clinical Application in Neuroradiology. <i>American Journal of Neuroradiology</i> , 2008, 29, 956-961.	2.4	14
270	In Vivo 3-Dimensional Flow Connectivity Mapping After Extracardiac Total Cavopulmonary Connection. <i>Circulation</i> , 2008, 118, e16-7.	1.6	22

#	ARTICLE	IF	CITATIONS
271	Ventral and dorsal pathways for language. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18035-18040.	7.1	1,306
272	Functionalized Magnetic Resonance Contrast Agent Selectively Binds to Glycoprotein IIb/IIIa on Activated Human Platelets under Flow Conditions and Is Detectable at Clinically Relevant Field Strengths. Molecular Imaging, 2008, 7, 7290.2008.0008.	1.4	30
273	Visualization of Vascular Hemodynamics in a Case of a Large Patent Ductus Arteriosus Using Flow Sensitive 3D CMR at 3T. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 585-587.	3.3	13
274	Sclerotic Aortic Valve. Circulation, 2007, 116, e336-7.	1.6	16
275	Metronomic Antiangiogenic Therapy with Capecitabine and Celecoxib in Advanced Tumor Patients â€œ Results of a Phase II Study. Oncology Research and Treatment, 2007, 30, 629-635.	1.2	33
276	Chronic Insomnia and MRI-Measured Hippocampal Volumes: A Pilot Study. Sleep, 2007, 30, 955-958.	1.1	222
277	Time-resolved, 3-Dimensional Magnetic Resonance Flow Analysis at 3 T. Journal of Computer Assisted Tomography, 2007, 31, 9-15.	0.9	90
278	Evidence of disturbed amygdalar energy metabolism in patients with borderline personality disorder. Neuroscience Letters, 2007, 417, 36-41.	2.1	32
279	MR-Encephalography: Fast multi-channel monitoring of brain physiology with magnetic resonance. NeuroImage, 2007, 34, 212-219.	4.2	78
280	Inferior frontal white matter microstructure and patterns of psychopathology in women with borderline personality disorder and comorbid attention-deficit hyperactivity disorder. NeuroImage, 2007, 35, 738-747.	4.2	91
281	Lack of Empirical Reference Data for In Vivo Magnetic Resonance Spectroscopic Glutamate Measurements in Humans. Biological Psychiatry, 2007, 61, 1219-1220.	1.3	5
282	Morphometry of the Retrobulbar Human Optic Nerve: Comparison between Conventional Sonography and Ultrafast Magnetic Resonance Sequences. , 2007, 48, 1913.		67
283	Kinetics of PME/Pi in pig kidneys during cold ischemia. NMR in Biomedicine, 2007, 20, 652-657.	2.8	7
284	Systematic investigation of balanced steady-state free precession for functional MRI in the human visual cortex at 3 Tesla. Magnetic Resonance in Medicine, 2007, 57, 67-73.	3.0	39
285	Inversion recovery prepared turbo spin echo sequences with reduced SAR using smooth transitions between pseudo steady states. Magnetic Resonance in Medicine, 2007, 57, 631-637.	3.0	19
286	Autoalignment of intervertebral disks. Journal of Magnetic Resonance Imaging, 2007, 25, 938-946.	3.4	1
287	Time-resolved 3D MR velocity mapping at 3T: Improved navigator-gated assessment of vascular anatomy and blood flow. Journal of Magnetic Resonance Imaging, 2007, 25, 824-831.	3.4	363
288	Visualization of iliac and proximal femoral artery hemodynamics using time-resolved 3D phase contrast MRI at 3T. Journal of Magnetic Resonance Imaging, 2007, 25, 1085-1092.	3.4	54

#	ARTICLE	IF	CITATIONS
289	Can homogeneous preparation encoding (HoPE) help reduce scan time in abdominal MRI? A clinical evaluation. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 442-447.	3.4	0
290	Plaques in the descending aorta: A new risk factor for stroke? Visualization of potential embolization pathways by 4D MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1651-1655.	3.4	31
291	Reduced cingulate glutamate/glutamine-to-creatine ratios in adult patients with attention deficit/hyperactivity disorder – A magnet resonance spectroscopy study. <i>Journal of Psychiatric Research</i> , 2007, 41, 934-941.	3.1	79
292	Ascending–descending aortic bypass surgery in aortic arch coarctation: Four-dimensional magnetic resonance flow analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 260-262.e1.	0.8	14
293	Three-dimensional magnetic resonance flow analysis in a ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1471-1476.	0.8	24
294	Influence of corticosteroid treatment on MRI findings in giant cell arteritis. <i>Clinical Rheumatology</i> , 2007, 26, 1541-1543.	2.2	23
295	Behavioral Aggression Is Associated with the 2D:4D Ratio in Men but Not in Women. <i>Journal of Individual Differences</i> , 2007, 28, 64-72.	1.0	27
296	Magnetic resonance imaging of freely moving objects: prospective real-time motion correction using an external optical motion tracking system. <i>NeuroImage</i> , 2006, 31, 1038-1050.	4.2	339
297	Advantages and Limitations of Prospective Head Motion Compensation for MRI Using an Optical Motion Tracking Device. <i>Academic Radiology</i> , 2006, 13, 1093-1103.	2.5	31
298	Fast and Quantitative High-Resolution Magnetic Resonance Imaging of the Optic Nerve at 3.0 Tesla. <i>Investigative Radiology</i> , 2006, 41, 83-86.	6.2	46
299	Quantitative diffusion tensor MR imaging of the brain: field strength related variance of apparent diffusion coefficient (ADC) and fractional anisotropy (FA) scalars. <i>European Radiology</i> , 2006, 16, 1651-1658.	4.5	127
300	Prospective Real-Time Slice-by-Slice Motion Correction for fMRI in Freely Moving Subjects. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006, 19, 55-61.	2.0	92
301	Accelerated time-resolved 3D contrast-enhanced MR angiography at 3T: clinical experience in 31 patients. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006, 19, 187-195.	2.0	23
302	Fast chemical shift mapping with multiecho balanced SSFP. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006, 19, 267-273.	2.0	28
303	Functional neuroimaging of emotional learning and autonomic reactions. <i>Journal of Physiology (Paris)</i> , 2006, 99, 342-354.	2.1	18
304	2D axial moving table acquisitions with dynamic slice adaptation. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 423-430.	3.0	20
305	Navigator gated high temporal resolution tissue phase mapping of myocardial motion. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 937-942.	3.0	48
306	Contrast behavior and relaxation effects of conventional and hyperecho-turbo spin echo sequences at 1.5 and 3 T. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 826-835.	3.0	81

#	ARTICLE	IF	CITATIONS
307	Multicontrast sequences with continuous table motion: A novel acquisition technique for extended field of view imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 918-922.	3.0	23
308	T2-weighted balanced SSFP imaging (T2-TIDE) using variable flip angles. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 82-93.	3.0	22
309	Intrinsic fat suppression in TIDE balanced steady-state free precession imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1328-1335.	3.0	15
310	Sex-specific characteristics of cardiac function, geometry, and mass in young adult elite athletes. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 297-303.	3.4	44
311	High resolution 3T MRI for the assessment of cervical and superficial cranial arteries in giant cell arteritis. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 423-427.	3.4	44
312	Detailed analysis of myocardial motion in volunteers and patients using high-temporal-resolution MR tissue phase mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1033-1039.	3.4	92
313	Myocardial Tissue Phase Mapping with Cine Phase-Contrast MR Imaging: Regional Wall Motion Analysis in Healthy Volunteers. <i>Radiology</i> , 2006, 238, 816-826.	7.3	94
314	MRI myocardial motion and fiber tracking: a confirmation of knowledge from different imaging modalities. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S165-S177.	1.4	48
315	Investigating myocardial motion by MRI using tissue phase mapping. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S150-S157.	1.4	83
316	Time-Resolved 3-Dimensional Magnetic Resonance Velocity Mapping at 3 T Reveals Drastic Changes in Flow Patterns in a Partially Thrombosed Aortic Arch. <i>Circulation</i> , 2006, 113, e460-1.	1.6	16
317	Neural Correlates of Antinociception in Borderline Personality Disorder. <i>Archives of General Psychiatry</i> , 2006, 63, 659.	12.3	263
318	Visualization of tissue velocity data from cardiac wall motion measurements with myocardial fiber tracking: principles and implications for cardiac fiber structures. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, S158-S164.	1.4	29
319	Experimental analysis of parallel excitation using dedicated coil setups and simultaneous RF transmission on multiple channels. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 994-1001.	3.0	143
320	Rapid vessel prototyping: vascular modeling using 3t magnetic resonance angiography and rapid prototyping technology. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 288-292.	2.0	45
321	Integrated head-thoracic vascular MRI at 3 T: Assessment of cranial, cervical and thoracic involvement of giant cell arteritis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 193-200.	2.0	31
322	Importance of exactb-tensor calculation for quantitative diffusion tensor imaging and tracking of neuronal fiber bundles. <i>Applied Magnetic Resonance</i> , 2005, 29, 107-122.	1.2	5
323	Specificity of affiliation supported by neurotransmitter challenge tests and molecular genetics. <i>Behavioral and Brain Sciences</i> , 2005, 28, .	0.7	0
324	Cortical and Subcortical Correlates of Electroencephalographic Alpha Rhythm Modulation. <i>Journal of Neurophysiology</i> , 2005, 93, 2864-2872.	1.8	325

#	ARTICLE	IF	CITATIONS
325	Phase I clinical and pharmacokinetic study of PTK/ZK, a multiple VEGF receptor inhibitor, in patients with liver metastases from solid tumours. <i>European Journal of Cancer</i> , 2005, 41, 1291-1299.	2.8	166
326	Increased Prefrontal and Hippocampal Glutamate Concentration in Schizophrenia: Evidence from a Magnetic Resonance Spectroscopy Study. <i>Biological Psychiatry</i> , 2005, 58, 724-730.	1.3	144
327	Prospective Head Motion Compensation for MRI by Updating the Gradients and Radio Frequency During Data Acquisition. <i>Lecture Notes in Computer Science</i> , 2005, 8, 482-489.	1.3	13
328	Measurement of Left Ventricular Velocities: Phase Contrast MRI Velocity Mapping Versus Tissue Doppler Ultrasound in Healthy Volunteers. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2004, 6, 777-783.	3.3	45
329	Fast quantitative diffusion-tensor imaging of cerebral white matter from the neonatal period to adolescence. <i>Neuroradiology</i> , 2004, 46, 258-266.	2.2	205
330	The historical documentation of scientific developments: Scientists should participate. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 181-182.	3.4	2
331	Calculation of flip angles for echo trains with predefined amplitudes with the extended phase graph (EPC)-algorithm: Principles and applications to hyperecho and TRAPS sequences. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 68-80.	3.0	105
332	TRIM: TR independent multislice imaging. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 1239-1246.	3.0	2
333	Guanidinoacetate methyltransferase deficiency: differences of creatine uptake in human brain and muscle. <i>Molecular Genetics and Metabolism</i> , 2004, 82, 208-213.	1.1	56
334	IMPROVED PRETRANSPLANT ASSESSMENT OF RENAL QUALITY BY MEANS OF PHOSPHORUS-31 MAGNETIC RESONANCE SPECTROSCOPY USING CHEMICAL SHIFT IMAGING. <i>Transplantation</i> , 2004, 77, 1041-1045.	1.0	11
335	The effect of perfusion on the temperature distribution during thermotherapy: Study on perfused porcine kidneys. <i>Applied Magnetic Resonance</i> , 2003, 24, 215-224.	1.2	3
336	Functional magnetic resonance imaging: A review of methodological aspects and clinical applications. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 1-15.	3.4	87
337	Is TrueFISP a gradient-echo or a spin-echo sequence?. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 395-397.	3.0	172
338	Multiecho sequences with variable refocusing flip angles: Optimization of signal behavior using smooth transitions between pseudo steady states (TRAPS). <i>Magnetic Resonance in Medicine</i> , 2003, 49, 527-535.	3.0	222
339	Test of Nyborg's General Trait Covariance (GTC) model for hormonally guided development by means of structural equation modeling. <i>European Journal of Personality</i> , 2003, 17, 221-235.	3.1	4
340	Frontolimbic brain abnormalities in patients with borderline personality disorder. <i>Biological Psychiatry</i> , 2003, 54, 163-171.	1.3	312
341	Invasive and non-invasive evaluation of spontaneous arteriogenesis in a novel porcine model for peripheral arterial obstructive disease. <i>Atherosclerosis</i> , 2003, 167, 33-43.	0.8	27
342	Temporal integration of sequential auditory events: silent period in sound pattern activates human planum temporale. <i>NeuroImage</i> , 2003, 20, 429-434.	4.2	57

#	ARTICLE	IF	CITATIONS
343	A voxel-based morphometric MRI study in female patients with borderline personality disorder. <i>NeuroImage</i> , 2003, 20, 385-392.	4.2	167
344	Dynamic Contrast-Enhanced Magnetic Resonance Imaging As a Biomarker for the Pharmacological Response of PTK787/ZK 222584, an Inhibitor of the Vascular Endothelial Growth Factor Receptor Tyrosine Kinases, in Patients With Advanced Colorectal Cancer and Liver Metastases: Results From Two Phase I Studies. <i>Journal of Clinical Oncology</i> , 2003, 21, 3955-3964.	1.6	648
345	Repression-sensitization, gender, and discrepancies in psychobiological reactions to examination stress. <i>Anxiety, Stress and Coping</i> , 2003, 16, 321-329.	2.9	19
346	Hemodynamical Assessment of Cavernous Hemangioma in Cavernous Sinus Using MR-DSA and Conventional DSA. <i>Yonsei Medical Journal</i> , 2003, 44, 908.	2.2	2
347	Diffusion tensor imaging in cases of adrenoleukodystrophy: preliminary experience as a marker for early demyelination?. <i>American Journal of Neuroradiology</i> , 2003, 24, 819-24.	2.4	40
348	Frontoorbital volume reductions in adult patients with attention deficit hyperactivity disorder. <i>Neuroscience Letters</i> , 2002, 328, 319-321.	2.1	177
349	Non-Invasive Follow-up Evaluation of Post-Embolized AVM with Time-Resolved MRA: A Case Report. <i>Korean Journal of Radiology</i> , 2002, 3, 271.	3.4	10
350	Is there a BOLD response of the visual cortex on stimulation of the vision-related acupoint GB 37?. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 227-232.	3.4	75
351	Fast phase contrast cardiac magnetic resonance imaging: Improved assessment and analysis of left ventricular wall motion. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 642-653.	3.4	49
352	fMRI of the auditory cortex in patients with unilateral carotid artery stenosis. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 621-627.	3.4	18
353	Optimization of signal behavior in the transition to driven equilibrium in steady-state free precession sequences. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 801-809.	3.0	50
354	Single-breathhold 3D-trueFISP cine cardiac imaging. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 921-925.	3.0	83
355	Homogeneous preparation encoding (HoPE) in multislice imaging. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 745-752.	3.0	5
356	Signal behavior in continuously ramped 2D TrueFISP for whole-body imaging. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 1085-1090.	3.0	7
357	Functional magnetic resonance imaging evidence for binocular interactions in human visual cortex. <i>Experimental Brain Research</i> , 2002, 145, 334-339.	1.5	26
358	PTK787/ZK 222584, a specific vascular endothelial growth factor-receptor tyrosine kinase inhibitor, affects the anatomy of the tumor vascular bed and the functional vascular properties as detected by dynamic enhanced magnetic resonance imaging. <i>Cancer Research</i> , 2002, 62, 4015-22.	0.9	167
359	Attention-deficit disorder in adults with or without hyperactivity: where is the difference? A study in humans using short echo 1H-magnetic resonance spectroscopy. <i>Neuroscience Letters</i> , 2001, 304, 117-119.	2.1	86
360	Cardiac Phase Contrast Gradient Echo MRI: Characterization of Abnormal Left Ventricular Wall Motion in Patients with Ischemic Heart Disease. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 550-557.	0.9	13

#	ARTICLE	IF	CITATIONS
361	Subtle Prefrontal Neuropathology in a Pilot Magnetic Resonance Spectroscopy Study in Patients With Borderline Personality Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 511-514.	1.8	70
362	Magnetic resonance imaging and spectroscopy (MRI, MRS) of seasonal patterns of body composition: A methodological pilot study in White Storks (<i>Ciconia ciconia</i>). <i>Journal Fur Ornithologie</i> , 2001, 142, 63-72.	1.2	10
363	Phase contrast MRI with improved temporal resolution by view sharing: k-space related velocity mapping properties. <i>Magnetic Resonance Imaging</i> , 2001, 19, 669-676.	1.8	66
364	Quiet imaging with interleaved spiral read-out. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1333-1337.	1.8	20
365	Silent BOLD imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 13, 76-81.	2.0	11
366	T1 quantification with inversion recovery TrueFISP. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 720-723.	3.0	170
367	Magnetization preparation during the steady state: Fat-saturated 3D TrueFISP. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 1075-1080.	3.0	175
368	Hyperechoes. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 6-12.	3.0	196
369	Decoupling of the short-term hemodynamic response and the blood oxygen concentration. <i>NMR in Biomedicine</i> , 2001, 14, 402-407.	2.8	5
370	Detection of BOLD changes by means of a frequency-sensitive trueFISP technique: preliminary results. <i>NMR in Biomedicine</i> , 2001, 14, 490-496.	2.8	97
371	Absence of N-acetylaspartate in the human brain: Impact on neurospectroscopy?. <i>Annals of Neurology</i> , 2001, 49, 518-521.	5.3	115
372	Absence of N-acetylaspartate in the human brain: Impact on neurospectroscopy?. <i>Annals of Neurology</i> , 2001, 49, 518-521.	5.3	2
373	MR Physics and Imaging of Phase Contrast MRI. <i>Computational Imaging and Vision</i> , 2001, , 219-255.	0.6	0
374	Benefits and pitfalls of keyhole imaging, especially in first-pass perfusion studies. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 11, 312-323.	3.4	28
375	Effect of pentobarbital on visual processing in man. <i>Human Brain Mapping</i> , 2000, 10, 132-139.	3.6	55
376	Comparison of the hemodynamic response to different visual stimuli in single-event and block stimulation fMRI experiments. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 708-714.	3.4	32
377	Easy improvement of signal-to-noise in RARE-sequences with low refocusing flip angles. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 983-985.	3.0	49
378	Time-resolved projection MRA: clinical application in intracranial vascular malformations. <i>Neuroradiology</i> , 2000, 42, 104-107.	2.2	58

#	ARTICLE	IF	CITATIONS
379	Thermosensitive paramagnetic liposomes for temperature control during MR imaging-guided hyperthermia: In vitro feasibility studies. <i>Academic Radiology</i> , 2000, 7, 1107-1115.	2.5	89
380	Moderators and mechanisms relating personality to reward and dopamine: Some findings and open questions. <i>Behavioral and Brain Sciences</i> , 1999, 22, 531-532.	0.7	2
381	K-space sampling strategies. <i>European Radiology</i> , 1999, 9, 1020-1031.	4.5	53
382	Cardiac phase contrast gradient echo MRI: measurement of myocardial wall motion in healthy volunteers and patients. <i>International Journal of Cardiovascular Imaging</i> , 1999, 15, 441-452.	0.6	34
383	Local elastic matching and pattern recognition in MR mammography. <i>International Journal of Imaging Systems and Technology</i> , 1999, 10, 199-206.	4.1	9
384	Spiral reconstruction by regridding to a large rectilinear matrix: A practical solution for routine systems. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 84-92.	3.4	30
385	Neural network-based analysis of MR time series. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 124-131.	3.0	55
386	Visual Processing in Infants and Children Studied Using Functional MRI. <i>Pediatric Research</i> , 1999, 46, 135-140.	2.3	125
387	A comparison between electric source localisation and fMRI during somatosensory stimulation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 106, 22-29.	0.3	48
388	Disturbed behavioural adaptability as related to reproductive hormones and emotional states during the menstrual cycle. <i>European Journal of Personality</i> , 1998, 12, 287-300.	3.1	5
389	Improvement of spatial resolution of keyhole effect images. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 244-250.	3.0	16
390	Functional Imaging by IO- and T2* -parameter mapping using multi-image EPI. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 243-248.	3.0	138
391	Reduced circular field-of-view imaging. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 474-480.	3.0	116
392	Analysis of myocardial motion based on velocity measurements with a black blood prepared segmented gradient-echo sequence: Methodology and applications to normal volunteers and patients. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 868-877.	3.4	72
393	Regional myocardial function with tissue phase mapping. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1998, 6, 145-146.	2.0	7
394	Regional myocardial function with tissue phase mapping. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1998, 6, 145-146.	2.0	0
395	Biological, emotional, behavioral, and coping reactions to examination stress in high and low state anxious subjects. <i>Anxiety, Stress and Coping</i> , 1998, 11, 47-65.	2.9	45
396	The Processing of First- and Second-Order Motion in Human Visual Cortex Assessed by Functional Magnetic Resonance Imaging (fMRI). <i>Journal of Neuroscience</i> , 1998, 18, 3816-3830.	3.6	330

#	ARTICLE	IF	CITATIONS
397	1H-magnetic resonance spectroscopy in obsessive-compulsive disorder: evidence for neuronal loss in the cingulate gyrus and the right striatum. <i>Psychiatry Research - Neuroimaging</i> , 1997, 74, 173-176.	1.8	142
398	Reproducibility and validity of electric source localisation with high-resolution electroencephalography. <i>Electroencephalography and Clinical Neurophysiology</i> , 1997, 103, 652-660.	0.3	28
399	Shifting needs in international MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 265-265.	3.4	0
400	Time-resolved projection angiography after bolus injection of contrast agent. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 341-345.	3.0	125
401	Improved sensitivity to overlapping multiplet signals in <i>in vivo</i> proton spectroscopy using a multiecho volume selective (CPRESS) experiment. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 816-820.	3.0	36
402	First-pass perfusion measurements of the rat and human brain: Experimental data and first clinical observations. <i>Academic Radiology</i> , 1996, 3, S387-S388.	2.5	0
403	Implementation of a fast gradient-echo SVD encoding technique for dynamic imaging. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 554-562.	3.0	37
404	Frequency resolved single-shot MR imaging using stochastic <i>k</i> -space trajectories. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 569-576.	3.0	52
405	Multislice interleaved excitation cycles (MUSIC): An efficient gradient-echo technique for functional MRI. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 870-874.	3.0	41
406	HIV-related metabolic abnormalities in the brain: depiction with proton MR spectroscopy with short echo times. <i>Radiology</i> , 1996, 199, 805-810.	7.3	127
407	Breath-Hold Projection Magnetic Resonance-Cholangio-Pancreaticography (MRCP): a New Method for the Examination of the Bile and Pancreatic Ducts. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 18-23.	3.0	149
408	Improved Water Suppression for Localized <i>In Vivo</i> 1H Spectroscopy. <i>Journal of Magnetic Resonance Series B</i> , 1995, 106, 181-186.	1.6	32
409	Observation of a fast response in functional MR. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 146-149.	3.0	227
410	Proton magnetic resonance spectroscopy studies on human brain Myo-inositol in hypo-osmolarity and hepatic encephalopathy. <i>Gastroenterology</i> , 1994, 107, 1475-1480.	1.3	404
411	<i>In vivo</i> proton spectroscopy of meningioma after preoperative embolization. <i>Magnetic Resonance in Medicine</i> , 1993, 30, 155-160.	3.0	32
412	Overlapping section coverage in multisection imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 425-432.	3.4	6
413	Burst imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1993, 1, 39-48.	2.0	88
414	Magnetic resonance imaging in juvenile Canavan disease. <i>European Journal of Pediatrics</i> , 1993, 152, 750-753.	2.7	48

#	ARTICLE	IF	CITATIONS
415	Human brain tumors: assessment with in vivo proton MR spectroscopy.. Radiology, 1993, 186, 745-752.	7.3	291
416	Direct absolute quantification of metabolites in the human brain within vivo localized proton spectroscopy. NMR in Biomedicine, 1992, 5, 193-199.	2.8	141
417	Chemical shift imaging with phase-encoding RF pulses. Magnetic Resonance in Medicine, 1992, 25, 289-298.	3.0	37
418	MR imaging of the pericardial cyst. Journal of Magnetic Resonance Imaging, 1992, 2, 593-596.	3.4	41
419	Echoesâ€”how to generate, recognize, use or avoid them in MR-imaging sequences. Part I: Fundamental and not so fundamental properties of spin echoes. Concepts in Magnetic Resonance, 1991, 3, 125-143.	1.3	204
420	Echoesâ€”how to generate, recognize, use or avoid them in MR-imaging sequences. Part II: Echoes in imaging sequences. Concepts in Magnetic Resonance, 1991, 3, 179-192.	1.3	91
421	Double-volume1H spectroscopy with interleaved acquisitions using tilted gradients. Magnetic Resonance in Medicine, 1991, 20, 27-35.	3.0	23
422	Coupling effects in volume selective1H spectroscopy of major brain metabolites. Magnetic Resonance in Medicine, 1991, 21, 82-96.	3.0	113
423	RARE-MR-urography in the diagnosis of upper urinary tract abnormalities in children. Pediatric Radiology, 1991, 21, 416-420.	2.0	101
424	Generalized MR interferography. Magnetic Resonance in Medicine, 1990, 16, 390-402.	3.0	22
425	Measurement of CSF flow using an interferographic MR technique based on the RARE-fast imaging sequence. Magnetic Resonance Imaging, 1990, 8, 543-556.	1.8	11
426	Rheumatoid Arthritis Lesions of the Wrist Examined by Rapid Gradient-Echo Magnetic Resonance Imaging. Scandinavian Journal of Rheumatology, 1990, 19, 235-238.	1.1	10
427	Fast and exact flow measurements with the fast Fourier flow technique. Magnetic Resonance Imaging, 1988, 6, 369-372.	1.8	11
428	Clinical applications and methodological developments of the RARE technique. Magnetic Resonance Imaging, 1988, 6, 391-395.	1.8	184
429	Quantitative flow measurement with the fast Fourier flow technique.. Radiology, 1988, 166, 237-240.	7.3	59
430	MR Imaging of Flow Using the Steady State Selective Saturation Method. Journal of Computer Assisted Tomography, 1987, 11, 872-877.	0.9	16
431	Fast three-dimensional imaging of cerebrospinal fluid. Magnetic Resonance in Medicine, 1987, 5, 380-383.	3.0	37
432	RARE imaging: A fast imaging method for clinical MR. Magnetic Resonance in Medicine, 1986, 3, 823-833.	3.0	1,825

#	ARTICLE	IF	CITATIONS
433	Fat and water separation at 0.23 T using simultaneous shift selective imaging. <i>Magnetic Resonance in Medicine</i> , 1986, 3, 844-848.	3.0	14
434	Time-resolved CIDNP in laser flash photolysis of aliphatic ketones. A quantitative analysis. <i>Chemical Physics</i> , 1985, 97, 217-234.	1.9	95
435	Localization and transfer of protons between nitrogen-15 atoms of meso-tetraphenylporphine probed by nuclear Overhauser effects and dipole-dipole relaxation times. <i>Journal of the American Chemical Society</i> , 1984, 106, 292-298.	13.7	47
436	Proton-transfer kinetics in solids: tautomerism in free base porphines by nitrogen-15 CPMAS NMR. <i>Journal of the American Chemical Society</i> , 1984, 106, 4059-4060.	13.7	111
437	IR-spectroscopic study of isotope effects on the NH/ND-stretching bands of meso-tetraphenylporphine and vibrational hydrogen tunneling. <i>Journal of Chemical Physics</i> , 1983, 78, 5432-5436.	3.0	75
438	Primary kinetic HH/HD/DH/DD isotope effects and proton tunnelling in double proton-transfer reactions. <i>Faraday Discussions of the Chemical Society</i> , 1982, 74, 229.	2.2	84
439	Quasiclassical calculations of one-dimensional potential parameters of the hydrogen migration in meso-tetraphenylporphine from experimental tunnel rates. <i>Journal of Chemical Physics</i> , 1979, 71, 3120.	3.0	45
440	Kinetic study of hydrogen tunnelling in meso-tetraphenylporphine by nuclear magnetic resonance lineshape analysis and selective T ₁ -relaxation time measurements. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1979, 75, 752.	1.1	64
441	Modern Applications of MRI in Medical Sciences. , 0, , 343-476.		2
442	Neurochemical alterations in women with borderline personality disorder and comorbid attention-deficit hyperactivity disorder. <i>World Journal of Biological Psychiatry</i> , 0, , 1-10.	2.6	7