

jacques Felblinger

List of Publications by Year in descending order

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138
papers

3,215
citations

236925

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139
docs citations

139
times ranked

4442
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance Elastography for Assessing Fibrosis in Patients with Crohn's Disease: A Pilot Study. <i>Digestive Diseases and Sciences</i> , 2022, 67, 4518-4524.	2.3	14
2	In Vivo Super-Resolution Cardiac Diffusion Tensor MRI: A Feasibility Study. <i>Diagnostics</i> , 2022, 12, 877.	2.6	2
3	A hardware and software system for MRI applications requiring external device data. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1406-1418.	3.0	5
4	MR electrical properties imaging using a generalized image-based method. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 762-776.	3.0	5
5	Flexible Multi-Turn Multi-Gap Coaxial RF Coils: Design Concept and Implementation for Magnetic Resonance Imaging at 3 and 7 Tesla. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1267-1278.	8.9	19
6	Magnetic Resonance Imaging Screening for Postinfarct Life-Threatening Ventricular Arrhythmia. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2479-2481.	5.3	1
7	Multimodal dataset of real-time 2D and static 3D MRI of healthy French speakers. <i>Scientific Data</i> , 2021, 8, 258.	5.3	12
8	Impact of Pretreatment Ischemic Location on Functional Outcome after Thrombectomy. <i>Diagnostics</i> , 2021, 11, 2038.	2.6	3
9	An efficient algorithm based on electrograms characteristics to identify ventricular tachycardia isthmus entrance in post-infarct patients. <i>Europace</i> , 2020, 22, 109-116.	1.7	4
10	Automatic Tongue Delineation from MRI Images with a Convolutional Neural Network Approach. <i>Applied Artificial Intelligence</i> , 2020, 34, 1115-1123.	3.2	5
11	A Paced-ECG Detector and Delineator for Automatic Multi-Parametric Catheter Mapping of Ventricular Tachycardia. <i>IEEE Access</i> , 2020, 8, 223952-223960.	4.2	1
12	Measurement of Tongue Tip Velocity from Real-Time MRI and Phase-Contrast Cine-MRI in Consonant Production. <i>Journal of Imaging</i> , 2020, 6, 31.	3.0	4
13	Coupled transfer function model for the evaluation of implanted cables safety in MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 991-999.	3.0	3
14	Broadband electrocardiogram acquisition for improved suppression of MRI gradient artifacts. <i>Physiological Measurement</i> , 2020, 41, 045004.	2.1	3
15	Myocardial volume change during cardiac cycle derived from three orthogonal systolic strains: towards a quality assessment of strains. <i>Acta Radiologica</i> , 2019, 60, 286-292.	1.1	3
16	MR safety assessment of active implantable medical devices. <i>Der Radiologe</i> , 2019, 59, 40-45.	1.7	5
17	Electrocardiogram Acquisition During Remote Magnetic Catheter Navigation. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1141-1152.	2.5	3
18	Reconstruction of the 12-lead ECG using a novel MR-compatible ECG sensor network. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1929-1945.	3.0	6

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19	Catheter Treatment of Ventricular Tachycardia: A Reference-Less Pace-Mapping Method to Identify Ablation Targets. IEEE Transactions on Biomedical Engineering, 2019, 66, 3278-3287.	4.2	6
20	Finite difference transmission line model for the design of safe multi-section cables in MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 449-459.	2.0	1
21	One-millimeter isotropic breast diffusion-weighted imaging: Evaluation of a superresolution strategy in terms of signal-to-noise ratio, sharpness and apparent diffusion coefficient. Magnetic Resonance in Medicine, 2019, 81, 2588-2599.	3.0	18
22	Calibration and non-orthogonality correction of three-axis Hall sensors for the monitoring of MRI workers' exposure to static magnetic fields. Bioelectromagnetics, 2018, 39, 108-119.	1.6	5
23	Isotropic Reconstruction of MR Images Using 3D Patch-Based Self-Similarity Learning. IEEE Transactions on Medical Imaging, 2018, 37, 1932-1942.	8.9	23
24	A novel MR-compatible sensor to assess active medical device safety: stimulation monitoring, rectified radio-frequency pulses, and gradient-induced voltage measurements. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 677-688.	2.0	2
25	Pretreatment lesional volume impacts clinical outcome and thrombectomy efficacy. Annals of Neurology, 2018, 83, 178-185.	5.3	45
26	Can MRI detect pulmonary hypertension in a population pre-selected by echocardiography?. Acta Radiologica, 2018, 59, 180-187.	1.1	1
27	Impact of microvascular obstruction on left ventricular local remodeling after reperfused myocardial infarction. Journal of Magnetic Resonance Imaging, 2018, 47, 499-510.	3.4	10
28	Isotropic 3D cardiac cine MRI allows efficient sparse segmentation strategies based on 3D surface reconstruction. Magnetic Resonance in Medicine, 2018, 79, 2665-2675.	3.0	15
29	Evaluation of occupational exposure to static magnetic field in MRI sites based on body pose estimation and SMF analytical computation. Bioelectromagnetics, 2018, 39, 503-515.	1.6	1
30	Transmission Line Model of an Implanted Insulated Cable for Magnetic Resonance Imaging Radiofrequency Hazard Evaluation. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2018, 2, 201-207.	3.4	8
31	Radiology resident MR and CT image analysis skill assessment using an interactive volumetric simulation tool "the RadioLOG project. European Radiology, 2017, 27, 878-887.	4.5	6
32	Design and Validation of a Novel MR-Compatible Sensor for Respiratory Motion Modeling and Correction. IEEE Transactions on Biomedical Engineering, 2017, 64, 123-133.	4.2	13
33	Impact of denoising on precision and accuracy of saturation-recovery-based myocardial T ₁ mapping. Journal of Magnetic Resonance Imaging, 2017, 46, 1377-1388.	3.4	17
34	MRI "EXPOSIMETRY"™: HOW TO ANALYZE, COMPARE AND REPRESENT WORKER EXPOSURE TO STATIC MAGNETIC FIELD?. Radiation Protection Dosimetry, 2017, 177, 415-423.	0.8	6
35	Memory Alterations and White Matter Hyperintensities in Elderly Patients With Hypertension: The ADELAHYDE-2 Study. Journal of the American Medical Directors Association, 2017, 18, 451.e13-451.e25.	2.5	17
36	Qualitative 3-T Proton MR Spectroscopy for the Characterization of Musculoskeletal Neoplasms: Update on Diagnostic Performance and Indications. American Journal of Roentgenology, 2017, 208, 1312-1319.	2.2	15

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37	Development of a biometric method to estimate age on hand radiographs. Forensic Science International, 2017, 271, 113-119.	2.2	9
38	Adaptive step size LMS improves ECG detection during MRI at 1.5 and 3T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2017, 30, 567-577.	2.0	6
39	Abbreviated breast magnetic resonance protocol: Value of high-resolution temporal dynamic sequence to improve lesion characterization. European Journal of Radiology, 2017, 95, 177-185.	2.6	37
40	Aortic compliance variation in long male distance triathletes: A new insight into the athlete's artery?. Journal of Science and Medicine in Sport, 2017, 20, 539-542.	1.3	12
41	Accuracy of subject-specific prediction of end-systolic time in MRI across a range of RR intervals. PLoS ONE, 2017, 12, e0179011.	2.5	1
42	Motion Estimated-Compensated Reconstruction with Preserved-Features in Free-Breathing Cardiac MRI. Lecture Notes in Computer Science, 2017, , 70-80.	1.3	0
43	ArchiMed: A Data Management System for Clinical Research in Imaging. Frontiers in ICT, 2016, 3, .	3.6	7
44	Metal wires should not be abandoned inside implantable cardioverter-defibrillators leads during heart transplantation!. Transplant International, 2016, 29, 1136-1138.	1.6	3
45	Myocardial infarct sizing by late gadolinium-enhanced MRI: Comparison of manual, full-width at half-maximum, and standard deviation methods. Journal of Magnetic Resonance Imaging, 2016, 44, 1206-1217.	3.4	16
46	Evolution of Clinical and Electrophysiological Data in Children with a Preexcitation Syndrome. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 951-958.	1.2	4
47	Comprehensive monitoring of cardiac remodeling with aortic stroke volume values provided by a phase-contrast MRI sequence. Journal of Hypertension, 2016, 34, 967-973.	0.5	7
48	Quality control of cardiac MRI for tetralogy of Fallot: Combination of standard measurements and physiological analysis to detect invalid examinations. Archives of Cardiovascular Diseases, 2016, 109, 96-103.	1.6	1
49	Diffusion-weighted magnetic resonance imaging for the initial characterization of non-fatty soft tissue tumors: correlation between T2 signal intensity and ADC values. Skeletal Radiology, 2016, 45, 263-271.	2.0	17
50	Joint Reconstruction of Multiple Images and Motion in MRI: Application to Free-Breathing Myocardial T_2 Quantification. IEEE Transactions on Medical Imaging, 2016, 35, 197-207.	8.9	20
51	Cardiac remodeling following reperfused acute myocardial infarction is linked to the concomitant evolution of vascular function as assessed by cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 2.	3.3	14
52	Design of the DRAGET Study: a multicentre controlled diagnostic study to assess the detection of acute rejection in patients with heart transplant by means of T_2 quantification with MRI in comparison to myocardial biopsies. BMJ Open, 2015, 5, e008963.	1.9	14
53	Nonrigid registration improves MRI T_2 quantification in heart transplant patient follow-up. Journal of Magnetic Resonance Imaging, 2015, 42, 168-174.	3.4	10
54	Effect of latency training on surgical performance in simulated robotic telesurgery procedures. International Journal of Medical Robotics and Computer Assisted Surgery, 2015, 11, 290-295.	2.3	19

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55	Assessment of Left Ventricular Ejection Fraction Calculation on Long-axis Views From Cardiac Magnetic Resonance Imaging in Patients With Acute Myocardial Infarction. <i>Medicine (United States)</i> , 2015, 94, e1856.	1.0	20
56	Is High Temporal Resolution Achievable for Paediatric Cardiac Acquisitions during Several Heart Beats? Illustration with Cardiac Phase Contrast Cine-MRI. <i>PLoS ONE</i> , 2015, 10, e0143744.	2.5	3
57	Pelvic magnetic resonance imaging angioanatomy of the arterial blood supply to the penis in suspected prostate cancer patients. <i>European Journal of Radiology</i> , 2015, 84, 823-827.	2.6	9
58	Assessment of right ventricular functional recovery after acute myocardial infarction by 2D speckle-tracking echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 537-545.	1.5	14
59	The use of a generalized reconstruction by inversion of coupled systems (GRICS) approach for generic respiratory motion correction in PET/MR imaging. <i>Physics in Medicine and Biology</i> , 2015, 60, 2529-2546.	3.0	24
60	Microvascular obstruction by delayed contrast-enhanced MRI remains a strong predictor of left ventricular remodeling even after successful reperfusion in acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	0
61	Respiratory and cardiac motion correction in dual gated PET/MR imaging. <i>EJNMMI Physics</i> , 2015, 2, A43.	2.7	3
62	Motion correction of multi-contrast images applied to T1 and T2 quantification in cardiac MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 1-12.	2.0	7
63	Motion-Corrected, Super-Resolution Reconstruction for High-Resolution 3D Cardiac Cine MRI. <i>Lecture Notes in Computer Science</i> , 2015, , 435-442.	1.3	24
64	Diagnostic and prognostic value of MRI T2 quantification in heart transplant patients. <i>Transplant International</i> , 2014, 27, 69-76.	1.6	21
65	Towards a new method for cardiac tissue velocity measurements using MRI, comparison with echocardiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P44.	3.3	1
66	Free-breathing with motion-correction and video projection during cardiac MRI : a paediatric design !. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P319.	3.3	2
67	Myocardium T1 measurement using single and multi-shot SMART1Map acquisition: pros and cons. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P69.	3.3	0
68	Influence of Calcium on Choline Measurements by 1H MR Spectroscopy of Thigh Muscles. <i>European Radiology</i> , 2014, 24, 1309-1319.	4.5	5
69	Determination of the latency effects on surgical performance and the acceptable latency levels in telesurgery using the dV-Trainer® simulator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 2569-2576.	2.4	112
70	Longitudinal myocardial peak velocities using high temporal resolution phase-contrast and simple averaging are comparable to tissue Doppler echocardiography. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 211-218.	2.0	3
71	An RF-induced voltage sensor for investigating pacemaker safety in MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 539-549.	2.0	6
72	3D myocardial T_1 mapping at 3T using variable flip angle method: Pilot study. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 823-829.	3.0	26

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73	Surfaceâ€“length index: a novel index for rapid detection of right ventricles with abnormal ejection fraction using cardiac MRI. <i>European Radiology</i> , 2013, 23, 2383-2391.	4.5	3
74	Effect of physiological Heart Rate variability on quantitative T2 measurement with ECG-gated Fast Spin Echo (FSE) sequence and its retrospective correction. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1559-1566.	1.8	14
75	Pitfalls in urinary stone identification using CT attenuation values: Are we getting the same information on different scanner models?. <i>European Journal of Radiology</i> , 2013, 82, 1201-1206.	2.6	25
76	Prior experience in microâ€“surgery may improve the surgeon's performance in robotic surgical training. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2013, 9, 351-358.	2.3	9
77	Respective interest of T2 mapping and diffusion tensor imaging in assessing porcine knee cartilage with MR at 3 Teslas. <i>Bio-Medical Materials and Engineering</i> , 2013, 23, 263-272.	0.6	3
78	A generic PET/MRI respiratory motion correction using a generalized reconstruction by inversion of coupled systems (GRICS) approach. , 2012, , .		5
79	1018 ERGONOMIC ANALYSIS OF MUSCULAR CONTRACTION AND PHYSICAL STRESS DURING LAPAROSCOPIC SURGERY: STANDARD VS. ROBOTIC ASSISTED. <i>Journal of Urology</i> , 2012, 187, .	0.4	0
80	2186 PITFALLS IN URINARY STONE IDENTIFICATION USING CT ATTENUATION VALUES: ARE WE GETTING THE SAME INFORMATION ON DIFFERENT SCANNER MODELS?. <i>Journal of Urology</i> , 2012, 187, .	0.4	0
81	The virtual reality simulator dV-TrainerÂ® is a valid assessment tool for robotic surgical skills. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 2587-2593.	2.4	151
82	First attempt to motion corrected flow encoding using free-breathing phase-contrast CINE MRI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, .	3.3	1
83	CT image quality improvement using adaptive iterative dose reduction with wide-volume acquisition on 320-detector CT. <i>European Radiology</i> , 2012, 22, 295-301.	4.5	226
84	Freeâ€“breathing imaging of the heart using 2D cineâ€“GRICS (generalized reconstruction by inversion of) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Magnetic Resonance Imaging</i> , 2012, 35, 340-351.	3.4	16
85	Joint Reconstruction of Image and Motion in MRI: Implicit Regularization Using an Adaptive 3D Mesh. <i>Lecture Notes in Computer Science</i> , 2012, 15, 264-271.	1.3	1
86	Free-breathing myocardial T2 measurements at 1.5T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	3.3	1
87	Nonlinear Bayesian Filtering for Denoising of Electrocardiograms Acquired in a Magnetic Resonance Environment. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1628-1638.	4.2	33
88	Reconstruction from freeâ€“breathing cardiac MRI data using reproducing kernel Hilbert spaces. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 59-67.	3.0	4
89	Adaptive black blood fast spin echo for endâ€“systolic rest cardiac imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1760-1771.	3.0	4
90	Use of calcium channel blockers is associated with better cognitive performance in older hypertensive patients with subjective memory complaints. <i>Journal of Hypertension</i> , 2010, 28, 2485-2493.	0.5	14

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91	Association Study of Gene Polymorphisms Involved in Vascular Alterations in Elderly Hypertensives with Subjective Memory Complaints. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 440-448.	1.5	11
92	Bayesian framework for artifact reduction on ECG IN MRI. , 2010, , .		3
93	Comparative study of two whole-body imaging techniques in the case of melanoma metastases: Advantages of multi-contrast MRI examination including a diffusion-weighted sequence in comparison with PET-CT. <i>European Journal of Radiology</i> , 2010, 75, 376-383.	2.6	87
94	A complete device dedicated to ECG signal measurement with integrated 3D Hall sensor for signal correction. , 2010, , .		3
95	Vascular Structure and Function Is Correlated to Cognitive Performance and White Matter Hyperintensities in Older Hypertensive Patients With Subjective Memory Complaints. <i>Stroke</i> , 2009, 40, 1229-1236.	2.0	231
96	Independent component analysis-based artefact reduction: application to the electrocardiogram for improved magnetic resonance imaging triggering. <i>Physiological Measurement</i> , 2009, 30, 1381-1397.	2.1	24
97	Multicompartmental analysis of late contrast enhancement in areas of myocardial infarction supplied by chronically occluded coronary arteries. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 78-85.	3.4	6
98	A specific QRS detector for electrocardiography during MRI: Using wavelets and local regularity characterization. , 2009, , .		7
99	Response to Letter by Hnid. <i>Stroke</i> , 2009, 40, .	2.0	0
100	Generalized MRI reconstruction including elastic physiological motion and coil sensitivity encoding. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1401-1411.	3.0	39
101	Generalized Reconstruction by Inversion of Coupled Systems (GRICS) applied to free-breathing MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 146-157.	3.0	125
102	Electroanatomic Characterization of Post-Infarct Scars. <i>Journal of the American College of Cardiology</i> , 2008, 52, 839-842.	2.8	202
103	Characterization of Human Renal Stones with MDCT: Advantage of Dual Energy and Limitations Due to Respiratory Motion. <i>American Journal of Roentgenology</i> , 2008, 190, 720-728.	2.2	89
104	Influence of motion on image quality with a 64 -channel CT scanner. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
105	Adaptive RR prediction for cardiac MRI. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008, , .	1.8	3
106	Influence of a longitudinal motion on image quality with a 64-channel CT scanner. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 2924-7.	0.5	2
107	Determination of the chemical composition of human renal stones with MDCT: influence of the surrounding media. , 2007, , .		3
108	Degradation of the z- resolution due to a longitudinal motion with a 64-channel CT scanner. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4429-32.	0.5	5

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109	CMOS integrated system for magnetic field monitoring and gradient measurement in MRI environment. , 2007, , .		4
110	ECG Signal Artifacts Suppression System Based on an MRI Environment Dedicated CMOS Magnetic Field Monitor and FPGA Implementation. , 2007, , .		0
111	High-resolution contrast-enhanced MRI of atherosclerosis with digital cardiac and respiratory gating in mice. Magnetic Resonance in Medicine, 2007, 58, 1157-1163.	3.0	18
112	Detection of myocarditis by contrast-enhanced MRI in patients presenting with acute coronary syndrome but no coronary stenosis. Journal of Magnetic Resonance Imaging, 2007, 25, 957-964.	3.4	62
113	Noise Cancellation Signal Processing Method and Computer System for Improved Real-Time Electrocardiogram Artifact Correction During MRI Data Acquisition. IEEE Transactions on Biomedical Engineering, 2007, 54, 630-640.	4.2	49
114	Optimized time window for cardiac CT reconstruction based on Doppler tissue imaging (DTI) data. , 2006, , .		0
115	Electrocardiogram on a chip: overview and first experiences of an electrocardiogram manufacturer of medium size. Journal of Electrocardiology, 2006, 39, S36-S40.	0.9	5
116	Improving automatic analysis of the electrocardiogram acquired during magnetic resonance imaging using magnetic field gradient artefact suppression. Journal of Electrocardiology, 2006, 39, S134-S139.	0.9	9
117	Dynamic platform for moving organ imaging. , 2006, 6142, 1137.		4
118	An ECG signal acquisition system integrated in a 0.35 μ m CMOS technology. , 2005, , .		0
119	Renal Functional Contrast-Enhanced Magnetic Resonance Imaging. Investigative Radiology, 2005, 40, 295-305.	6.2	21
120	Saccadic eye movement changes in Parkinson's disease dementia and dementia with Lewy bodies. Brain, 2005, 128, 1267-1276.	7.6	201
121	Functional organisation of the saccadic reference system processing extraretinal signals in humans. Vision Research, 2001, 41, 1351-1358.	1.4	22
122	Double-pulse transcranial magnetic stimulation over the frontal eye field facilitates triggering of memory-guided saccades. European Journal of Neuroscience, 2001, 14, 571-575.	2.6	31
123	Restoration of electrophysiological signals distorted by inductive effects of magnetic field gradients during MR sequences. Magnetic Resonance in Medicine, 1999, 41, 715-721.	3.0	89
124	Methods and reproducibility of cardiac/respiratory double-triggered 1H-MR spectroscopy of the human heart. Magnetic Resonance in Medicine, 1999, 42, 903-910.	3.0	72
125	MRI measurement of the functional blood flow changes in a large superficial vein draining the motor cortex. NMR in Biomedicine, 1999, 12, 107-114.	2.8	4
126	Creatine supplementation???Part II: in vivo magnetic resonance spectroscopy. Medicine and Science in Sports and Exercise, 1999, 31, 1770.	0.4	41

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127	Recording of electrical brain activity in a magnetic resonance environment: Distorting effects of the static magnetic field. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 18-22.	3.0	53
128	In vivo ¹ H-MR spectroscopy of the human heart. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1998, 6, 164-167.	2.0	8
129	Effect of ethanol and fructose on liver metabolism: A dynamic ³¹ Phosphorus magnetic resonance spectroscopy study in normal volunteers. <i>Magnetic Resonance Imaging</i> , 1997, 15, 1067-1077.	1.8	18
130	Amplitude demodulation of the electrocardiogram signal (ECG) for respiration monitoring and compensation during MR examinations. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 129-136.	3.0	46
131	Recordings of eye movements for stimulus control during fMRI by means of electro-oculographic methods. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 410-414.	3.0	27
132	Structural and Neurobehavioral Delay in Postnatal Brain Development of Preterm Infants ¹ . <i>Pediatric Research</i> , 1996, 39, 895-901.	2.3	162
133	Flow quantitation with echo-planar phase-contrast velocity mapping: In vitro and in vivo evaluation. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 656-662.	3.4	47
134	Evaluation of ultrafast phase-contrast imaging in the thoracic aorta. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1995, 3, 59-66.	2.0	12
135	Electrocardiogram acquisition during MR examinations for patient monitoring and sequence triggering. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 523-529.	3.0	61
136	A Multimodal Real-Time MRI Articulatory Corpus of French for Speech Research. , 0, , .		6
137	Statistical Variations of Heart Orientation in Healthy Adults. , 0, , .		9
138	Using Silence MR Image to Synthesise Dynamic MRI Vocal Tract Data of CV. , 0, , .		0