

Michael A Jacobs

List of Publications by Year in descending order

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134
papers

8,424
citations

36691

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h-index

54771

88
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all docs

135
docs citations

135
times ranked

11124
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiparametric magnetic resonance imaging to characterize cabotegravir long-acting formulation depot kinetics in healthy adult volunteers. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1655-1666.	1.1	14
2	Multi-Site Concordance of Diffusion-Weighted Imaging Quantification for Assessing Prostate Cancer Aggressiveness. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1745-1758.	1.9	11
3	Long-Term Stability of Gradient Characteristics Warrants Model-Based Correction of Diffusion Weighting Bias. <i>Tomography</i> , 2022, 8, 364-375.	0.8	3
4	Tumor Connectomics: Mapping the Intra-Tumoral Complex Interaction Network Using Machine Learning. <i>Cancers</i> , 2022, 14, 1481.	1.7	1
5	Radiomic Analysis: Study Design, Statistical Analysis, and Other Bias Mitigation Strategies. <i>Radiology</i> , 2022, 304, 265-273.	3.6	26
6	A phase Ib/IIa, open-label, multiple ascending-dose trial of domagrozumab in fukutin-related protein limb-girdle muscular dystrophy. <i>Muscle and Nerve</i> , 2021, 64, 172-179.	1.0	5
7	A Deep Learning System for Synthetic Knee Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2021, 56, 357-368.	3.5	30
8	Multiparametric radiomic tissue signature and machine learning for distinguishing radiation necrosis from tumor progression after stereotactic radiosurgery. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab150.	0.4	8
9	Multiparametric deep learning tissue signatures for a radiological biomarker of breast cancer: Preliminary results. <i>Medical Physics</i> , 2020, 47, 75-88.	1.6	23
10	Radiomic features of the pancreas on CT imaging accurately differentiate functional abdominal pain, recurrent acute pancreatitis, and chronic pancreatitis. <i>European Journal of Radiology</i> , 2020, 123, 108778.	1.2	33
11	Integrated Multiparametric Radiomics and Informatics System for Characterizing Breast Tumor Characteristics with the OncotypeDX Gene Assay. <i>Cancers</i> , 2020, 12, 2772.	1.7	18
12	Brain metabolites in cholinergic and glutamatergic pathways are altered by pancreatic cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1487-1500.	2.9	10
13	Longitudinal functional and imaging outcome measures in FKRP limb-girdle muscular dystrophy. <i>BMC Neurology</i> , 2020, 20, 196.	0.8	13
14	Letter: Design flaws in study of differentiating functional abdominal pain, recurrent acute pancreatitis and chronic pancreatitis via radiomics features. Authors' reply. <i>European Journal of Radiology</i> , 2020, 125, 108871.	1.2	0
15	Multiparametric radiomics methods for breast cancer tissue characterization using radiological imaging. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 407-421.	1.1	33
16	Use of MRI for Personalized Treatment of More Aggressive Tumors. <i>Radiology</i> , 2020, 295, 527-528.	3.6	1
17	Radiomic Synthesis Using Deep Convolutional Neural Networks. , 2019, , .		7
18	Deep learning and radiomics in precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2019, 4, 59-72.	0.4	151

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19	Measurement Repeatability of ¹⁸ F-FDG PET/CT Versus ¹⁸ F-FDG PET/MRI in Solid Tumors of the Pelvis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1080-1086.	2.8	23
20	Multiparametric Whole-body MRI with Diffusion-weighted Imaging and ADC Mapping for the Identification of Visceral and Osseous Metastases From Solid Tumors. <i>Academic Radiology</i> , 2018, 25, 1405-1414.	1.3	29
21	Distinguishing True Progression From Radionecrosis After Stereotactic Radiation Therapy for Brain Metastases With Machine Learning and Radiomics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1236-1243.	0.4	103
22	The Use of Quantitative Imaging in Radiation Oncology: A Quantitative Imaging Network (QIN) Perspective. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1219-1235.	0.4	30
23	Integrated radiomic framework for breast cancer and tumor biology using advanced machine learning and multiparametric MRI. <i>Npj Breast Cancer</i> , 2017, 3, 43.	2.3	121
24	Multisite concordance of apparent diffusion coefficient measurements across the NCI Quantitative Imaging Network. <i>Journal of Medical Imaging</i> , 2017, 5, 1.	0.8	22
25	Toward uniform implementation of parametric map Digital Imaging and Communication in Medicine standard in multisite quantitative diffusion imaging studies. <i>Journal of Medical Imaging</i> , 2017, 5, 1.	0.8	5
26	A multidimensional data visualization and clustering method: Consensus similarity mapping. , 2016, , .		2
27	Multiparametric whole-body anatomic, functional, and metabolic imaging characteristics of peripheral lesions in patients with schwannomatosis. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 794-803.	1.9	22
28	Pyomelanin-producing <i>Pseudomonas aeruginosa</i> selected during chronic infections have a large chromosomal deletion which confers resistance to pyocins. <i>Environmental Microbiology</i> , 2016, 18, 3482-3493.	1.8	57
29	Collagen fibers mediate MRI-detected water diffusion and anisotropy in breast cancers. <i>Neoplasia</i> , 2016, 18, 585-593.	2.3	25
30	Current whole-body MRI applications in the neurofibromatoses. <i>Neurology</i> , 2016, 87, S31-9.	1.5	65
31	Demonstration of nonlinearity bias in the measurement of the apparent diffusion coefficient in multicenter trials. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1312-1323.	1.9	66
32	Radiomics: a new application from established techniques. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 207-226.	0.4	262
33	Efficacy and Biomarker Study of Bevacizumab for Hearing Loss Resulting From Neurofibromatosis Type 2-Associated Vestibular Schwannomas. <i>Journal of Clinical Oncology</i> , 2016, 34, 1669-1675.	0.8	92
34	Genomic Analysis of <i>Salmonella enterica</i> Serovar Typhimurium Characterizes Strain Diversity for Recent U.S. Salmonellosis Cases and Identifies Mutations Linked to Loss of Fitness under Nitrosative and Oxidative Stress. <i>MBio</i> , 2016, 7, e00154.	1.8	26
35	Multiparametric Assessment of Treatment Response in High-Grade Soft-Tissue Sarcomas with Anatomic and Functional MR Imaging Sequences. <i>Radiology</i> , 2016, 278, 831-840.	3.6	67
36	QIN DAWG Validation of Gradient Nonlinearity Bias Correction Workflow for Quantitative Diffusion-Weighted Imaging in Multicenter Trials. <i>Tomography</i> , 2016, 2, 396-405.	0.8	12

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37	Whole-body magnetic resonance imaging evaluation of facioscapulohumeral muscular dystrophy. <i>Muscle and Nerve</i> , 2015, 52, 512-520.	1.0	63
38	Choline metabolism-based molecular diagnosis of cancer: an update. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 735-747.	1.5	99
39	Multiparametric and Multimodality Functional Radiological Imaging for Breast Cancer Diagnosis and Early Treatment Response Assessment. <i>Journal of the National Cancer Institute Monographs</i> , 2015, 40-46.	0.9	11
40	Breast MRI for Diagnosis and Staging of Breast Cancer. , 2015, , 181-200.		2
41	Correction: Notice of Redundant Publication. <i>Radiographics</i> , 2015, 35, 652-652.	1.4	0
42	Letter to Cancer Center Directors: Progress in Quantitative Imaging As a Means to Predict and/or Measure Tumor Response in Cancer Therapy Trials. <i>Journal of Clinical Oncology</i> , 2014, 32, 2115-2116.	0.8	16
43	Unsupervised nonlinear dimensionality reduction machine learning methods applied to multiparametric MRI in cerebral ischemia: preliminary results. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
44	Comparative Genomic Analysis of Two Multidrug-Resistant Clinical Isolates of ST395 Epidemic Strain of <i>Pseudomonas aeruginosa</i> Obtained 12 Years Apart. <i>Genome Announcements</i> , 2014, 2, .	0.8	9
45	Insights Into Quantitative Diffusion-Weighted MRI for Musculoskeletal Tumor Imaging. <i>American Journal of Roentgenology</i> , 2014, 203, 560-572.	1.0	74
46	The Effects of Applying Breast Compression in Dynamic Contrast Material-enhanced MR Imaging. <i>Radiology</i> , 2014, 272, 79-90.	3.6	15
47	Characterization of Peripheral Nerve Sheath Tumors with 3T Proton MR Spectroscopy. <i>American Journal of Neuroradiology</i> , 2014, 35, 1035-1041.	1.2	29
48	Diffusion-weighted MR Imaging for Characterizing Musculoskeletal Lesions. <i>Radiographics</i> , 2014, 34, 1163-1177.	1.4	131
49	Genomic analysis of the emergence of 20th century epidemic dysentery. <i>BMC Genomics</i> , 2014, 15, 355.	1.2	32
50	Trainable High Resolution Melt Curve Machine Learning Classifier for Large-Scale Reliable Genotyping of Sequence Variants. <i>PLoS ONE</i> , 2014, 9, e109094.	1.1	47
51	Characterization of soft tissue masses: can quantitative diffusion weighted imaging reliably distinguish cysts from solid masses?. <i>Skeletal Radiology</i> , 2013, 42, 1583-1592.	1.2	50
52	Polymyxin Resistance of <i>Pseudomonas aeruginosa</i> <i>phoQ</i> Mutants Is Dependent on Additional Two-Component Regulatory Systems. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2204-2215.	1.4	114
53	H ₂ -Independent Growth of the Hydrogenotrophic Methanogen <i>Methanococcus maripaludis</i> . <i>MBio</i> , 2013, 4, .	1.8	38
54	Rapid 16S rRNA Next-Generation Sequencing of Polymicrobial Clinical Samples for Diagnosis of Complex Bacterial Infections. <i>PLoS ONE</i> , 2013, 8, e65226.	1.1	186

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55	Whole Body MRI at 3T with Quantitative Diffusion Weighted Imaging and Contrast-Enhanced Sequences for the Characterization of Peripheral Lesions in Patients with Neurofibromatosis Type 2 and Schwannomatosis. <i>ISRN Radiology</i> , 2013, 2013, 1-9.	1.2	24
56	Musculoskeletal Tumors: How to Use Anatomic, Functional, and Metabolic MR Techniques. <i>Radiology</i> , 2012, 265, 340-356.	3.6	175
57	Bactobolin Resistance Is Conferred by Mutations in the L2 Ribosomal Protein. <i>MBio</i> , 2012, 3, .	1.8	44
58	Proton MR Spectroscopy in Metabolic Assessment of Musculoskeletal Lesions. <i>American Journal of Roentgenology</i> , 2012, 198, 162-172.	1.0	62
59	Strain-encoded breast MRI in phantom and <i>ex vivo</i> specimens with histological validation: Preliminary results. <i>Medical Physics</i> , 2012, 39, 7710-7718.	1.6	4
60	Comparative analysis of nonlinear dimensionality reduction techniques for breast MRI segmentation. <i>Medical Physics</i> , 2012, 39, 2275-2289.	1.6	27
61	Postresurfacing Periprosthetic Femoral Neck Fractures: Nonoperative Treatment. <i>Orthopedics</i> , 2012, 35, e732-6.	0.5	3
62	Evolution of <i>Burkholderia pseudomallei</i> in Recurrent Melioidosis. <i>PLoS ONE</i> , 2012, 7, e36507.	1.1	96
63	SU-E-I-24: Determining the Optimal B-Values to Use in Diffusion Weighted Imaging for Differentiating Benign and Malignant Breast Lesions. <i>Medical Physics</i> , 2012, 39, 3630-3630.	1.6	0
64	Advancements in MR Imaging of the Prostate: From Diagnosis to Interventions. <i>Radiographics</i> , 2011, 31, 677-703.	1.4	215
65	Improved Hardware for Higher Spatial Resolution Strain-encoded (SENC) Breast MRI for Strain Measurements. <i>Academic Radiology</i> , 2011, 18, 705-715.	1.3	5
66	MR-guided High-intensity Focused Ultrasound Treatment for Symptomatic Uterine Leiomyomata. <i>Academic Radiology</i> , 2011, 18, 970-976.	1.3	93
67	Monitoring of neoadjuvant chemotherapy using multiparametric, ²³ Na sodium MR, and multimodality (PET/CT/MRI) imaging in locally advanced breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 119-126.	1.1	69
68	Therapeutic response in musculoskeletal soft tissue sarcomas: evaluation by MRI. <i>NMR in Biomedicine</i> , 2011, 24, 750-763.	1.6	24
69	Understanding cancer-induced cachexia. <i>Current Opinion in Supportive and Palliative Care</i> , 2011, 5, 327-333.	0.5	11
70	Principles and Applications of Diffusion-weighted Imaging in Cancer Detection, Staging, and Treatment Follow-up. <i>Radiographics</i> , 2011, 31, 1773-1791.	1.4	254
71	3-T Dynamic Contrast-Enhanced MRI of the Breast: Pharmacokinetic Parameters Versus Conventional Kinetic Curve Analysis. <i>American Journal of Roentgenology</i> , 2011, 197, 1498-1505.	1.0	98
72	SU-E-I-134: Integration of Multiparametric and Multimodality Whole Body Radiological Imaging (MRI/PET/CT). <i>Medical Physics</i> , 2011, 38, 3426-3427.	1.6	1

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73	Finding the Optimal Compression Level for Strain-Encoded (SENC) Breast MRI; Simulations and Phantom Experiments. Lecture Notes in Computer Science, 2011, 14, 444-451.	1.0	2
74	Comparison between diffusion-weighted imaging, T2-weighted, and postcontrast T2-weighted imaging after MR-guided, high intensity, focused ultrasound treatment of uterine leiomyomata: Preliminary results. Medical Physics, 2010, 37, 4768-4776.	1.6	17
75	Quantification of Muscle Choline Concentrations by Proton MR Spectroscopy at 3 T: Technical Feasibility. American Journal of Roentgenology, 2010, 194, W73-W79.	1.0	43
76	A Feasibility Study of Quantitative Molecular Characterization of Musculoskeletal Lesions by Proton MR Spectroscopy at 3 T. American Journal of Roentgenology, 2010, 195, W69-W75.	1.0	46
77	Diffusion-weighted Imaging Improves the Diagnostic Accuracy of Conventional 3.0-T Breast MR Imaging. Radiology, 2010, 256, 64-73.	3.6	250
78	Multiparametric Magnetic Resonance Imaging, Spectroscopy and Multinuclear (²³ Na) Imaging Monitoring of Preoperative Chemotherapy for Locally Advanced Breast Cancer. Academic Radiology, 2010, 17, 1477-1485.	1.3	49
79	The Role of Parallel Diffusion-Weighted Imaging and Apparent Diffusion Coefficient (ADC) Map Values for Evaluating Breast Lesions. Academic Radiology, 2010, 17, 456-463.	1.3	42
80	Magnetic Resonance Spectroscopy in Metabolic and Molecular Imaging and Diagnosis of Cancer. Chemical Reviews, 2010, 110, 3043-3059.	23.0	81
81	Dynamic Contrast-Enhanced MRI of the Breast: Quantitative Method for Kinetic Curve Type Assessment. American Journal of Roentgenology, 2009, 193, W295-W300.	1.0	116
82	Whole-Body Diffusion-Weighted and Proton Imaging: A Review of This Emerging Technology for Monitoring Metastatic Cancer. Seminars in Roentgenology, 2009, 44, 111-122.	0.2	24
83	Proton, diffusion-weighted imaging, and sodium (²³ Na) MRI of uterine leiomyomata after MR-guided high-intensity focused ultrasound: A preliminary study. Journal of Magnetic Resonance Imaging, 2009, 29, 649-656.	1.9	38
84	MR-guided vacuum-assisted breast biopsy: A phantom and patient evaluation of targeting accuracy. Journal of Magnetic Resonance Imaging, 2009, 30, 424-429.	1.9	20
85	Relationship of temporal resolution to diagnostic performance for dynamic contrast enhanced MRI of the breast. Journal of Magnetic Resonance Imaging, 2009, 30, 999-1004.	1.9	163
86	Molecular and functional imaging of breast cancer. NMR in Biomedicine, 2009, 22, 92-103.	1.6	35
87	Multiparametric Magnetic Resonance Imaging of Breast Cancer. Journal of the American College of Radiology, 2009, 6, 523-526.	0.9	12
88	Debonding of the Acetabular Porous Coating in Hip Resurfacing Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2009, 91, 961-964.	1.4	6
89	Magnetic Resonance Imaging of the Breast. Seminars in Roentgenology, 2008, 43, 265-281.	0.2	23
90	Large-insert genome analysis technology detects structural variation in Pseudomonas aeruginosa clinical strains from cystic fibrosis patients. Genomics, 2008, 91, 530-537.	1.3	22

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91	Molecular and Functional MRI of the Tumor Microenvironment. Journal of Nuclear Medicine, 2008, 49, 687-690.	2.8	14
92	Diffusion-Weighted Imaging With Apparent Diffusion Coefficient Mapping and Spectroscopy in Prostate Cancer. Topics in Magnetic Resonance Imaging, 2008, 19, 261-272.	0.7	55
93	MO-SAMS-332-02: Introduction to Magnetic Resonance Spectroscopy of Breast and Prostrate Cancer: Current Applications. Medical Physics, 2008, 35, 2859-2859.	1.6	0
94	MR Imaging: Brief Overview and Emerging Applications. Radiographics, 2007, 27, 1213-1229.	1.4	74
95	Characterization of Musculoskeletal Lesions on 3-T Proton MR Spectroscopy. American Journal of Roentgenology, 2007, 188, 1513-1520.	1.0	64
96	Percutaneous Image-guided Radiofrequency Thermal Ablation for Large Symptomatic Uterine Leiomyomata after Uterine Artery Embolization: A Feasibility and Safety Study. Journal of Vascular and Interventional Radiology, 2007, 18, 41-48.	0.2	24
97	Elevated tissue sodium concentration in malignant breast lesions detected with non-invasive ²³ Na MRI. Breast Cancer Research and Treatment, 2007, 106, 151-160.	1.1	171
98	Choline Phospholipid Metabolism in Cancer: Consequences for Molecular Pharmaceutical Interventions. Molecular Pharmaceutics, 2006, 3, 496-506.	2.3	130
99	Choline metabolism in cancer: implications for diagnosis and therapy. Expert Review of Molecular Diagnostics, 2006, 6, 821-829.	1.5	169
100	Musculoskeletal tumors: Use of proton MR spectroscopic imaging for characterization. Journal of Magnetic Resonance Imaging, 2006, 23, 23-28.	1.9	65
101	Patterns of Enhancement on Breast MR Images: Interpretation and Imaging Pitfalls. Radiographics, 2006, 26, 1719-1734.	1.4	182
102	Assessment of Response of Uterine Fibroids and Myometrium to Embolization Using Diffusion-Weighted Echoplanar MR Imaging. Journal of Computer Assisted Tomography, 2005, 29, 83-86.	0.5	46
103	Etiology of Perfusion-Diffusion Magnetic Resonance Imaging Mismatch Patterns. Journal of Neuroimaging, 2005, 15, 254-260.	1.0	13
104	Combined dynamic contrast enhanced breast MR and proton spectroscopic imaging: A feasibility study. Journal of Magnetic Resonance Imaging, 2005, 21, 23-28.	1.9	86
105	Fast method for brain image segmentation: Application to proton magnetic resonance spectroscopic imaging. Magnetic Resonance in Medicine, 2005, 54, 1268-1272.	1.9	12
106	Uterine Fibroids: Diffusion-weighted MR Imaging for Monitoring Therapy with Focused Ultrasound Surgery—Preliminary Study. Radiology, 2005, 236, 196-203.	3.6	105
107	Etiology of Perfusion-Diffusion Magnetic Resonance Imaging Mismatch Patterns. , 2005, 15, 254-260.		8
108	Re-examining the brain regions crucial for orchestrating speech articulation. Brain, 2004, 127, 1479-1487.	3.7	407

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109	Multiparametric and Multinuclear Magnetic Resonance Imaging of Human Breast Cancer: Current Applications. <i>Technology in Cancer Research and Treatment</i> , 2004, 3, 543-550.	0.8	41
110	Perfusion-weighted MRI as a marker of response to treatment in acute and subacute stroke. <i>Neuroradiology</i> , 2004, 46, 31-39.	1.1	62
111	Proton magnetic resonance spectroscopic imaging of human breast cancer: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 68-75.	1.9	162
112	Multiparametric iterative self-organizing MR imaging data analysis technique for assessment of tissue viability in acute cerebral ischemia. <i>American Journal of Neuroradiology</i> , 2004, 25, 1499-508.	1.2	17
113	Assessment of transient ischemic attack with diffusion- and perfusion-weighted imaging. <i>American Journal of Neuroradiology</i> , 2004, 25, 1645-52.	1.2	67
114	MRI tissue characterization of experimental cerebral ischemia in rat. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 398-409.	1.9	35
115	Volume-preserving nonrigid registration of MR breast images using free-form deformation with an incompressibility constraint. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 730-741.	5.4	372
116	Change in Perfusion in Acute Nondominant Hemisphere Stroke May Be Better Estimated by Tests of Hemispatial Neglect Than by the National Institutes of Health Stroke Scale. <i>Stroke</i> , 2003, 34, 2392-2396.	1.0	74
117	Benign and Malignant Breast Lesions: Diagnosis with Multiparametric MR Imaging. <i>Radiology</i> , 2003, 229, 225-232.	3.6	77
118	An Alternating-Constraints Algorithm for Volume-Preserving Non-rigid Registration of Contrast-Enhanced MR Breast Images. <i>Lecture Notes in Computer Science</i> , 2003, , 291-300.	1.0	5
119	Neural substrates of the cognitive processes underlying spelling: Evidence from MR diffusion and perfusion imaging. <i>Aphasiology</i> , 2002, 16, 425-438.	1.4	37
120	Multiparametric MRI ISODATA Ischemic Lesion Analysis. <i>Stroke</i> , 2002, 33, 2839-2844.	1.0	44
121	Diffusion- and Perfusion-Weighted Magnetic Resonance Imaging of the Brain Before and After Coronary Artery Bypass Grafting Surgery. <i>Stroke</i> , 2002, 33, 2909-2915.	1.0	165
122	Multiparametric MRI Tissue Characterization in Clinical Stroke With Correlation to Clinical Outcome. <i>Stroke</i> , 2001, 32, 950-957.	1.0	92
123	<title>Tissue characterization in cerebral ischemia using multiparameter MRI</title>. , 2001, , .		1
124	Quantitative proton MR spectroscopic imaging of normal human cerebellum and brain stem. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 699-705.	1.9	78
125	Hypoperfusion of Wernicke's area predicts severity of semantic deficit in acute stroke. <i>Annals of Neurology</i> , 2001, 50, 561-566.	2.8	198
126	A Model for Multiparametric MRI Tissue Characterization in Experimental Cerebral Ischemia With Histological Validation in Rat. <i>Stroke</i> , 2001, 32, 943-949.	1.0	80

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127	Quantitative proton MR spectroscopic imaging of normal human cerebellum and brain stem. , 2001, 46, 699.		2
128	Unsupervised segmentation of multiparameter MRI in experimental cerebral ischemia with comparison to T2, diffusion, and ADC MRI parameters and histopathological validation. Journal of Magnetic Resonance Imaging, 2000, 11, 425-437.	1.9	81
129	Boundary-based warping of brain MR images. Journal of Magnetic Resonance Imaging, 2000, 12, 417-429.	1.9	16
130	Registration and warping of magnetic resonance images to histological sections. Medical Physics, 1999, 26, 1568-1578.	1.6	100
131	Identification of cerebral ischemic lesions in rat using eigenimage filtered magnetic resonance imaging. Brain Research, 1999, 837, 83-94.	1.1	23
132	Prediction of Impending Hemorrhagic Transformation in Ischemic Stroke Using Magnetic Resonance Imaging in Rats. Stroke, 1998, 29, 144-151.	1.0	113
133	The temporal evolution of MRI tissue signatures after transient middle cerebral artery occlusion in rat. Journal of the Neurological Sciences, 1997, 145, 15-23.	0.3	90
134	A Model to Predict the Histopathology of Human Stroke Using Diffusion and T2-Weighted Magnetic Resonance Imaging. Stroke, 1995, 26, 1983-1989.	1.0	189