

David C Alsop

List of Publications by Year in descending order

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Version: 2024-02-01

243
papers

24,203
citations

6254

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8167

148
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all docs

257
docs citations

257
times ranked

21445
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategy to reduce the sensitivity of inhomogeneous magnetization transfer (ihMT) imaging to radiofrequency transmit field variations at 3 T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1346-1359.	3.0	6
2	T ₁ -weighted ihMT imaging – Part II. Investigating the long- and short-T ₁ components correlation with myelin content. Comparison with R ₁ and the macromolecular proton fraction. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2329-2346.	3.0	8
3	T ₁ -weighted ihMT imaging – Part I. Isolation of long- and short-T ₁ components by T ₁ -filtering. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2313-2328.	3.0	6
4	Structural integrity of the anterior mid-cingulate cortex contributes to resilience to delirium in SuperAging. <i>Brain Communications</i> , 2022, 4, .	3.3	9
5	Velocity-selective arterial spin labeling perfusion MRI: A review of the state of the art and recommendations for clinical implementation. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1528-1547.	3.0	27
6	Characterization of the cortical myeloarchitecture with inhomogeneous magnetization transfer imaging (ihMT). <i>NeuroImage</i> , 2021, 225, 117442.	4.2	17
7	Arterial Spin Labeled Perfusion MRI for the Evaluation of Response to Tyrosine Kinase Inhibition Therapy in Metastatic Renal Cell Carcinoma. <i>Radiology</i> , 2021, 298, 332-340.	7.3	13
8	Combining inhomogeneous magnetization transfer and multipoint Dixon acquisition: Potential utility and evaluation. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2136-2144.	3.0	6
9	Regional and depth-dependence of cortical blood-flow assessed with high-resolution Arterial Spin Labeling (ASL). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098238.	4.3	9
10	Priming of Sorafenib Prior to Radiofrequency Ablation Does Not Increase Treatment Effect in Hepatocellular Carcinoma. <i>Digestive Diseases and Sciences</i> , 2021, , 1.	2.3	2
11	Effects of tDCS dose and electrode montage on regional cerebral blood flow and motor behavior. <i>NeuroImage</i> , 2021, 237, 118144.	4.2	27
12	Impact of multisession 40Hz tACS on hippocampal perfusion in patients with Alzheimer’s disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 203.	6.2	32
13	Abnormal perfusion fluctuation and perfusion connectivity in bipolar disorder measured by dynamic arterial spin labeling. <i>Bipolar Disorders</i> , 2020, 22, 401-410.	1.9	8
14	Pancreatic perfusion modulation following glucose stimulation assessed by noninvasive arterial spin labeling (ASL) MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 854-860.	3.4	5
15	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 131-140.	2.0	44
16	Consensus-based technical recommendations for clinical translation of renal ASL MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 141-161.	2.0	80
17	MRI assessment of multiple dipolar relaxation time ($T_{1\rho}$) components in biological tissues interpreted with a generalized inhomogeneous magnetization transfer (ihMT) model. <i>Journal of Magnetic Resonance</i> , 2020, 311, 106668.	2.1	19
18	Rotated spiral RARE for high spatial and temporal resolution volumetric arterial spin labeling acquisition. <i>NeuroImage</i> , 2020, 223, 117371.	4.2	8

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19	Non-invasive measurement of choroid plexus apparent blood flow with arterial spin labeling. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 58.	5.0	19
20	A randomized controlled trial measuring changes in cerebral blood flow after levetiracetam in patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e045476.	0.8	2
21	Older Patients with Alzheimer's Disease-Related Cortical Atrophy Who Develop Post-Operative Delirium May Be at Increased Risk of Long-Term Cognitive Decline After Surgery. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 187-199.	2.6	14
22	Choroid Plexus Segmentation Using Optimized 3D U-Net. , 2020, , .		10
23	Three-dimensional inhomogeneous magnetization transfer with rapid gradient echo (3D ihMTRAGE) imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2964-2980.	3.0	13
24	1773-P: Postprandial Hyperglycemia after a High-Glycemic Index Meal Activates Brain Areas Associated with Food Cravings and Overeating in T1D. <i>Diabetes</i> , 2020, 69, 1773-P.	0.6	0
25	Volumetric abdominal perfusion measurement using a pseudo-randomly sampled 3D fast spin echo (FSE) arterial spin labeling (ASL) sequence and compressed sensing reconstruction. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 680-692.	3.0	14
26	Inhibition of Sphingosine Phosphate Receptor 1 Signaling Enhances the Efficacy of VEGF Receptor Inhibition. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 856-867.	4.1	14
27	Postoperative Delirium and Postoperative Cognitive Dysfunction. <i>Anesthesiology</i> , 2019, 131, 477-491.	2.5	183
28	Pancreatic perfusion and arterial transit time quantification using pseudocontinuous arterial spin labeling at 3T. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 542-550.	3.0	6
29	Influence of background suppression and retrospective realignment on free-breathing renal perfusion measurement using pseudocontinuous ASL. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2439-2449.	3.0	18
30	Global fluctuations of cerebral blood flow indicate a global brain network independent of systemic factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 302-312.	4.3	15
31	Development of a Dynamic Multi-Protein Signature of Postoperative Delirium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 261-268.	3.6	31
32	Evaluation of the Sensitivity of Inhomogeneous Magnetization Transfer (ihMT) MRI for Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 634-641.	2.4	42
33	Controlling T_2 blurring in 3D RARE arterial spin labeling acquisition through optimal combination of variable flip angles and k -space filtering. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1391-1401.	3.0	16
34	Effects of resting state condition on reliability, trait specificity, and network connectivity of brain function measured with arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2018, 173, 165-175.	4.2	21
35	Whole brain inhomogeneous magnetization transfer (ihMT) imaging: Sensitivity enhancement within a steady-state gradient echo sequence. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2607-2619.	3.0	36
36	A comparison of inhomogeneous magnetization transfer, myelin volume fraction, and diffusion tensor imaging measures in healthy children. <i>NeuroImage</i> , 2018, 182, 343-350.	4.2	57

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37	Microstructural correlates of 3D steady-state inhomogeneous magnetization transfer (ihMT) in the human brain white matter assessed by myelin water imaging and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2402-2414.	3.0	34
38	Magnetization transfer from inhomogeneously broadened lines (ihMT): Improved imaging strategy for spinal cord applications. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 581-591.	3.0	27
39	Higher C-Reactive Protein Levels Predict Postoperative Delirium in Older Patients Undergoing Major Elective Surgery: A Longitudinal Nested Case-Control Study. <i>Biological Psychiatry</i> , 2017, 81, 145-153.	1.3	100
40	Optimization of inhomogeneous magnetization transfer (ihMT) MRI contrast for preclinical studies using dipolar relaxation time ($T_{1\rho}$) filtering. <i>NMR in Biomedicine</i> , 2017, 30, e3706.	2.8	30
41	Association Between Hospital Readmission and Acute and Sustained Delays in Functional Recovery During 18 Months After Elective Surgery: The Successful Aging after Elective Surgery Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 51-58.	2.6	12
42	In vivo measurement of a new source of contrast, the dipolar relaxation time, $T_{1\rho}$, using a modified inhomogeneous magnetization transfer (ihMT) sequence. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1362-1372.	3.0	31
43	High C-Reactive Protein Predicts Delirium Incidence, Duration, and Feature Severity After Major Noncardiac Surgery. <i>Journal of the American Geriatrics Society</i> , 2017, 65, e109-e116.	2.6	93
44	Alzheimer's-related cortical atrophy is associated with postoperative delirium severity in persons without dementia. <i>Neurobiology of Aging</i> , 2017, 59, 55-63.	3.1	28
45	State of the Art and Promise of Structural Neuroimaging in Postoperative Delirium and Postoperative Cognitive Decline. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 1062-1063.	1.2	1
46	MP85-07 FUNCTIONAL NEUROIMAGING OF URINE STORAGE AND VOIDING IN MICE. <i>Journal of Urology</i> , 2017, 197, .	0.4	0
47	Longitudinal diffusion changes following postoperative delirium in older people without dementia. <i>Neurology</i> , 2017, 89, 1020-1027.	1.1	31
48	Cine MRI of Tracheal Dynamics in Healthy Volunteers and Patients With Tracheobronchomalacia. <i>American Journal of Roentgenology</i> , 2017, 209, 757-761.	2.2	19
49	Methodologic considerations in the design and analysis of nested case-control studies: association between cytokines and postoperative delirium. <i>BMC Medical Research Methodology</i> , 2017, 17, 88.	3.1	12
50	Improving the robustness of pseudo-continuous arterial spin labeling to off-resonance and pulsatile flow velocity. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1342-1351.	3.0	46
51	Effects of arterial transit delay on cerebral blood flow quantification using arterial spin labeling in an elderly cohort. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 472-481.	3.4	51
52	Using Anatomic Magnetic Resonance Image Information to Enhance Visualization and Interpretation of Functional Images: A Comparison of Methods Applied to Clinical Arterial Spin Labeling Images. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 487-496.	8.9	6
53	Cerebral blood flow MRI in the nondemented elderly is not predictive of post-operative delirium but is correlated with cognitive performance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1386-1397.	4.3	25
54	Selective spectroscopic imaging of hyperpolarized pyruvate and its metabolites using a single-echo variable phase advance method in balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1102-1115.	3.0	23

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55	Phase I study of low-dose metronomic temozolomide for recurrent malignant gliomas. <i>BMC Cancer</i> , 2016, 16, 914.	2.6	18
56	The short-term and long-term relationship between delirium and cognitive trajectory in older surgical patients. <i>Alzheimer's and Dementia</i> , 2016, 12, 766-775.	0.8	317
57	Head circumference as a useful surrogate for intracranial volume in older adults. <i>International Psychogeriatrics</i> , 2016, 28, 157-162.	1.0	18
58	Quantifying fluctuations of resting state networks using arterial spin labeling perfusion MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 463-473.	4.3	43
59	Preoperative Cognitive Performance Dominates Risk for Delirium Among Older Adults. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2016, 29, 320-327.	2.3	38
60	Modulating transcallosal and intra-hemispheric brain connectivity with tDCS: Implications for interventions in Aphasia. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 519-530.	0.7	5
61	Minimizing the effects of magnetization transfer asymmetry on inhomogeneous magnetization transfer (ihMT) at ultra-high magnetic field (11.75T). <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 699-709.	2.0	19
62	Reply: Neural substrates of vulnerability to post-surgical delirium with prospective diagnosis: Table 1. <i>Brain</i> , 2016, 139, e55-e55.	7.6	1
63	Volumetric Arterial Spin-labeled Perfusion Imaging of the Kidneys with a Three-dimensional Fast Spin Echo Acquisition. <i>Academic Radiology</i> , 2016, 23, 144-154.	2.5	28
64	Neural substrates of vulnerability to postsurgical delirium as revealed by presurgical diffusion MRI. <i>Brain</i> , 2016, 139, 1282-1294.	7.6	96
65	The Successful Aging After Elective Surgery Study: Cohort Description and Data Quality Procedures. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2463-2471.	2.6	75
66	Brain atrophy and white-matter hyperintensities are not significantly associated with incidence and severity of postoperative delirium in older persons without dementia. <i>Neurobiology of Aging</i> , 2015, 36, 2122-2129.	3.1	50
67	Cytokines and Postoperative Delirium in Older Patients Undergoing Major Elective Surgery. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1289-1295.	3.6	115
68	Magnetization transfer from inhomogeneously broadened lines (ihMT): Experimental optimization of saturation parameters for human brain imaging at 1.5 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2111-2121.	3.0	43
69	Magnetization transfer from inhomogeneously broadened lines: A potential marker for myelin. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 614-622.	3.0	116
70	Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 102-116.	3.0	1,663
71	Anti-S1P Antibody as a Novel Therapeutic Strategy for VEGFR TKI-Resistant Renal Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 1925-1934.	7.0	67
72	Three-dimensional brain MRI for DBS patients within ultra-low radiofrequency power limits. <i>Movement Disorders</i> , 2014, 29, 546-549.	3.9	8

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73	The Role of Angiopoietins as Potential Therapeutic Targets in Renal Cell Carcinoma. <i>Translational Oncology</i> , 2014, 7, 188-195.	3.7	40
74	Cognitive and brain reserve and the risk of postoperative delirium in older patients: analysis of data from a prospective observational study. <i>Lancet Psychiatry</i> , 2014, 1, 437-443.	7.4	48
75	Hyperintense cortical signal on magnetic resonance imaging reflects focal leukocortical encephalitis and seizure risk in progressive multifocal leukoencephalopathy. <i>Annals of Neurology</i> , 2014, 75, 659-669.	5.3	32
76	Improved short tau inversion recovery (iSTIR) for increased tumor conspicuity in the abdomen. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 245-255.	2.0	3
77	Contributors to contrast between glioma and brain tissue in chemical exchange saturation transfer sensitive imaging at 3Tesla. <i>NeuroImage</i> , 2014, 99, 256-268.	4.2	70
78	Acute effects of single dose aripiprazole and haloperidol on resting cerebral blood flow (rCBF) in the human brain. <i>Human Brain Mapping</i> , 2013, 34, 272-282.	3.6	97
79	Volumetric measurement of perfusion and arterial transit delay using hadamard encoded continuous arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1014-1022.	3.0	86
80	Diffusion restriction in the human spinal cord characterized in vivo with high b-value STEAM diffusion imaging. <i>NeuroImage</i> , 2013, 82, 416-425.	4.2	12
81	A Selective Insular Perfusion Deficit Contributes to Compromised Salience Network Connectivity in Recovering Alcoholic Men. <i>Biological Psychiatry</i> , 2013, 74, 547-555.	1.3	76
82	Resting-state cerebral blood flow in amygdala is modulated by sex and serotonin transporter genotype. <i>NeuroImage</i> , 2013, 76, 90-97.	4.2	13
83	Hyperperfusion in progressive multifocal leukoencephalopathy is associated with disease progression and absence of immune reconstitution inflammatory syndrome. <i>Brain</i> , 2013, 136, 3441-3450.	7.6	16
84	Effects of dietary glycemic index on brain regions related to reward and craving in men. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 641-647.	4.7	105
85	Cox-2 inhibition enhances the activity of sunitinib in human renal cell carcinoma xenografts. <i>British Journal of Cancer</i> , 2013, 108, 319-326.	6.4	33
86	Inhibition of tumor growth in a VEGFR TKI-resistant model of renal cell carcinoma using dalantercept combined with sunitinib. <i>Journal of Clinical Oncology</i> , 2013, 31, 370-370.	1.6	1
87	Metabolic profile of PML lesions in patients with and without IRIS. <i>Neurology</i> , 2012, 79, 1041-1048.	1.1	40
88	Effects of Atorvastatin on Cerebral Blood Flow in Middle-Aged Adults at Risk for Alzheimer's Disease: A Pilot Study. <i>Current Alzheimer Research</i> , 2012, 9, 990-997.	1.4	27
89	Arterial Spin-labeling MR Imaging of Renal Masses: Correlation with Histopathologic Findings. <i>Radiology</i> , 2012, 265, 799-808.	7.3	88
90	Effects of anti-viral therapy and HCV clearance on cerebral metabolism and cognition. <i>Journal of Hepatology</i> , 2012, 56, 549-556.	3.7	115

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91	Reply to: "Neuroinflammation in HCV-infection" Peril or protection? Journal of Hepatology, 2012, 57, 923-924.	3.7	1
92	Dissociable effects of methylphenidate, atomoxetine and placebo on regional cerebral blood flow in healthy volunteers at rest: A multi-class pattern recognition approach. NeuroImage, 2012, 60, 1015-1024.	4.2	67
93	Differentiating maturational and training influences on fMRI activation during music processing. NeuroImage, 2012, 60, 1902-1912.	4.2	40
94	A quantitative method for correlating observations of decreased apparent diffusion coefficient with elevated cerebral blood perfusion in newborns presenting cerebral ischemic insults. NeuroImage, 2012, 63, 1510-1518.	4.2	35
95	Novel Risk Markers and Long-Term Outcomes of Delirium: The Successful Aging after Elective Surgery (SAGES) Study Design and Methods. Journal of the American Medical Directors Association, 2012, 13, 818.e1-818.e10.	2.5	117
96	Pseudo-continuous arterial spin labeling at very high magnetic field (11.75 T) for high-resolution mouse brain perfusion imaging. Magnetic Resonance in Medicine, 2012, 67, 1225-1236.	3.0	21
97	Reduced resolution transit delay prescan for quantitative continuous arterial spin labeling perfusion imaging. Magnetic Resonance in Medicine, 2012, 67, 1252-1265.	3.0	146
98	Arterial spin labeling MR imaging for characterisation of renal masses in patients with impaired renal function: initial experience. European Radiology, 2012, 22, 484-492.	4.5	35
99	Optimization of background suppression for arterial spin labeling perfusion imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 127-133.	2.0	87
100	Arterial spin labeling: its time is now. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 75-77.	2.0	6
101	The Relationships among MRI-Defined Spinal Cord Involvement, Brain Involvement, and Disability in Multiple Sclerosis. Journal of Neuroimaging, 2012, 22, 122-128.	2.0	87
102	Optimized double inversion recovery for reduction of T_1 weighting in fluid-attenuated inversion recovery. Magnetic Resonance in Medicine, 2012, 67, 81-88.	3.0	5
103	Abstract LB-313: ALK1-Fc inhibits tumor growth in a VEGF pathway resistance model of renal cell carcinoma. , 2012, , .		3
104	Effects of transcranial direct current stimulation (tDCS) on human regional cerebral blood flow. NeuroImage, 2011, 58, 26-33.	4.2	340
105	Resistance of Renal Cell Carcinoma to Sorafenib Is Mediated by Potentially Reversible Gene Expression. PLoS ONE, 2011, 6, e19144.	2.5	64
106	Association cortex hypoperfusion in mild dementia with Lewy bodies: a potential indicator of cholinergic dysfunction?. Brain Imaging and Behavior, 2011, 5, 25-35.	2.1	30
107	High dose intermittent sorafenib shows improved efficacy over conventional continuous dose in renal cell carcinoma. Journal of Translational Medicine, 2011, 9, 220.	4.4	24
108	Perfusion imaging with a freely diffusible hyperpolarized contrast agent. Magnetic Resonance in Medicine, 2011, 66, 746-755.	3.0	38

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109	Amide proton transfer imaging with improved robustness to magnetic field inhomogeneity and magnetization transfer asymmetry using saturation with frequency alternating RF irradiation. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1275-1285.	3.0	92
110	Sensitivity calibration with a uniform magnetization image to improve arterial spin labeling perfusion quantification. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1590-1600.	3.0	15
111	Amide proton transfer imaging with improved robustness to magnetic field inhomogeneity and magnetization transfer asymmetry using saturation with frequency alternating RF irradiation. <i>Magnetic Resonance in Medicine</i> , 2011, 66, spcone-spcone.	3.0	1
112	Blood flow quantification of the human retina with MRI. <i>NMR in Biomedicine</i> , 2011, 24, 104-111.	2.8	27
113	Arterial spin labelling reveals an abnormal cerebral perfusion pattern in Parkinson's disease. <i>Brain</i> , 2011, 134, 845-855.	7.6	173
114	Brain MR Imaging at Ultra-low Radiofrequency Power. <i>Radiology</i> , 2011, 259, 550-557.	7.3	21
115	The Effect of Hypercarbia and Hyperoxia on the Total Blood Flow to the Retina as Assessed by Magnetic Resonance Imaging. , 2011, 52, 6867.		13
116	Cerebral Blood Flow in Posterior Cortical Nodes of the Default Mode Network Decreases with Task Engagement but Remains Higher than in Most Brain Regions. <i>Cerebral Cortex</i> , 2011, 21, 233-244.	2.9	99
117	Adhesion Molecules, Altered Vasoreactivity, and Brain Atrophy in Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, 2438-2441.	8.6	69
118	Arterial Spin Labeling Blood Flow MRI: Its Role in the Early Characterization of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 871-880.	2.6	189
119	Perfusion MRI of brain tumours: a comparative study of pseudo-continuous arterial spin labelling and dynamic susceptibility contrast imaging. <i>Neuroradiology</i> , 2010, 52, 307-317.	2.2	158
120	Volumetric cerebral perfusion imaging in healthy adults: Regional distribution, laterality, and repeatability of pulsed continuous arterial spin labeling (PCASL). <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 266-273.	1.8	61
121	Reliability and precision of pseudo-continuous arterial spin labeling perfusion MRI on 3.0T and comparison with ¹⁵ O-water PET in elderly subjects at risk for Alzheimer's disease. <i>NMR in Biomedicine</i> , 2010, 23, 286-293.	2.8	248
122	A multislice gradient echo pulse sequence for CEST imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 253-256.	3.0	59
123	Modified pulsed continuous arterial spin labeling for labeling of a single artery. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 975-982.	3.0	38
124	Parkinson's Disease Spatial Covariance Pattern: Noninvasive Quantification with Perfusion MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 505-509.	4.3	90
125	Renal Cancer Resistance to Antiangiogenic Therapy Is Delayed by Restoration of Angiostatic Signaling. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 2793-2802.	4.1	63
126	Hypertension and Cerebral Vasoreactivity. <i>Hypertension</i> , 2010, 56, 859-864.	2.7	68

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127	Association of Blood Pressure Elevation and Nocturnal Dipping With Brain Atrophy, Perfusion and Functional Measures in Stroke and Nonstroke Individuals. <i>American Journal of Hypertension</i> , 2010, 23, 17-23.	2.0	53
128	Time-resolved Vessel-selective Digital Subtraction MR Angiography of the Cerebral Vasculature with Arterial Spin Labeling. <i>Radiology</i> , 2010, 257, 507-515.	7.3	64
129	Structural integrity of corticospinal motor fibers predicts motor impairment in chronic stroke. <i>Neurology</i> , 2010, 74, 280-287.	1.1	322
130	Perfusion MRI Demonstrates Crossed-Cerebellar Diaschisis in Sickle Cell Disease. <i>Pediatric Neurology</i> , 2010, 42, 437-440.	2.1	13
131	Ageing, Brain Disease, and Reserve: Implications for Delirium. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 117-127.	1.2	97
132	Arterial Spin-Label Imaging in Patients with Normal Bolus Perfusion-weighted MR Imaging Findings: Pilot Identification of the Borderzone Sign. <i>Radiology</i> , 2009, 252, 797-807.	7.3	83
133	Does Arterial Spin-labeling MR Imaging "measured Tumor Perfusion Correlate with Renal Cell Cancer Response to Antiangiogenic Therapy in a Mouse Model?. <i>Radiology</i> , 2009, 251, 731-742.	7.3	111
134	Tone Deafness: A New Disconnection Syndrome?. <i>Journal of Neuroscience</i> , 2009, 29, 10215-10220.	3.6	256
135	Magnetic resonance imaging as a biomarker in renal cell carcinoma. <i>Cancer</i> , 2009, 115, 2334-2345.	4.1	77
136	Strategies for reducing respiratory motion artifacts in renal perfusion imaging with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 1374-1387.	3.0	97
137	White matter hyperintensities and dynamics of postural control. <i>Magnetic Resonance Imaging</i> , 2009, 27, 752-759.	1.8	40
138	3T MRI relaxometry detects T2 prolongation in the cerebral normal-appearing white matter in multiple sclerosis. <i>NeuroImage</i> , 2009, 46, 633-641.	4.2	72
139	Atorvastatin Therapy is Associated with Greater and Faster Cerebral Hemodynamic Response. <i>Brain Imaging and Behavior</i> , 2008, 2, 94-104.	2.1	5
140	B1-insensitive fast spin echo using adiabatic square wave enabling of the echo train (SWEET) excitation. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1386-1393.	3.0	7
141	Continuous flow-driven inversion for arterial spin labeling using pulsed radio frequency and gradient fields. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1488-1497.	3.0	872
142	Maximizing Clinical Research Participation in Vulnerable Older Persons: Identification of Barriers and Motivators. <i>Journal of the American Geriatrics Society</i> , 2008, 56, 1522-1527.	2.6	60
143	Cerebrospinal fluid matrix metalloproteinase-9 increases during treatment of recurrent malignant gliomas. <i>Cerebrospinal Fluid Research</i> , 2008, 5, 1.	0.5	36
144	Assessment of functional development in normal infant brain using arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2008, 39, 973-978.	4.2	57

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145	Increased cerebral perfusion in adult attention deficit hyperactivity disorder is normalised by stimulant treatment: A non-invasive MRI pilot study. <i>NeuroImage</i> , 2008, 42, 36-41.	4.2	55
146	Hippocampal hyperperfusion in Alzheimer's disease. <i>NeuroImage</i> , 2008, 42, 1267-1274.	4.2	159
147	Magnetic Resonance Imaging Measured Blood Flow Change after Antiangiogenic Therapy with PTK787/ZK 222584 Correlates with Clinical Outcome in Metastatic Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2008, 14, 5548-5554.	7.0	111
148	Activation and baseline changes in functional MRI studies of Alzheimer disease. <i>Neurology</i> , 2007, 69, 1645-1646.	1.1	7
149	A structural basis for reading fluency: White matter defects in a genetic brain malformation. <i>Neurology</i> , 2007, 69, 2146-2154.	1.1	69
150	Global and Regional Effects of Type 2 Diabetes on Brain Tissue Volumes and Cerebral Vasoreactivity. <i>Diabetes Care</i> , 2007, 30, 1193-1199.	8.6	211
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