

# John A Detre

## List of Publications by Year in descending order

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Version: 2024-02-01

287  
papers

26,269  
citations

7568

77  
h-index

7745

150  
g-index

295  
all docs

295  
docs citations

295  
times ranked

22717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kidney Disease, Hypertension Treatment, and Cerebral Perfusion and Structure. American Journal of Kidney Diseases, 2022, 79, 677-687.e1.	1.9	2
2	Ex vivo MRI and histopathology detect novel iron-rich cortical inflammation in frontotemporal lobar degeneration with tau versus TDP-43 pathology. Neurolmage: Clinical, 2022, 33, 102913.	2.7	17
3	MRI evaluation of cerebral metabolic rate of oxygen (CMRO2) in obstructive sleep apnea. Journal of Cerebral Blood Flow and Metabolism, 2022, , 0271678X2110710.	4.3	4
4	Efficient coding in the economics of human brain connectomics. Network Neuroscience, 2022, 6, 234-274.	2.6	18
5	Integrating 1H MRS and deuterium labeled glucose for mapping the dynamics of neural metabolism in humans. Neurolmage, 2022, 251, 118977.	4.2	14
6	Race, sex, and midlife changes in brain health: Cardia MRI substudy. Alzheimer's and Dementia, 2022, 18, 2428-2437.	0.8	3
7	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. Cell Reports, 2022, 38, 110576.	6.4	23
8	Association of Intensive vs Standard Blood Pressure Control With Cerebral Blood Flow. JAMA Neurology, 2022, 79, 380.	9.0	26
9	Cerebellum anatomy predicts individual risk-taking behavior and risk tolerance. Neurolmage, 2022, 254, 119148.	4.2	12
10	Associations of white matter hyperintensities with networks of gray matter blood flow and volume in midlife adults: A coronary artery risk development in young adults magnetic resonance imaging substudy. Human Brain Mapping, 2022, 43, 3680-3693.	3.6	5
11	Voxelwise intermodal coupling analysis of two or more modalities using local covariance decomposition. Human Brain Mapping, 2022, 43, 4650-4663.	3.6	4
12	ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion. Nature Methods, 2022, 19, 683-686.	19.0	13
13	Cerebral metabolic rate of oxygen during transition from wakefulness to sleep measured with high temporal resolution OxFow MRI with concurrent EEG. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 780-792.	4.3	12
14	Structural and Functional Brain Parameters Related to Cognitive Performance Across Development: Replication and Extension of the Parieto-Frontal Integration Theory in a Single Sample. Cerebral Cortex, 2021, 31, 1444-1463.	2.9	24
15	Predicted disconnectome associated with progressive periventricular white matter ischemia. Cerebral Circulation - Cognition and Behavior, 2021, 2, 100022.	0.9	4
16	A perfusion phantom for ASL MRI based on impinging jets. Magnetic Resonance in Medicine, 2021, 86, 1145-1158.	3.0	2
17	Blood flow response to orthostatic challenge identifies signatures of the failure of static cerebral autoregulation in patients with cerebrovascular disease. BMC Neurology, 2021, 21, 154.	1.8	4
18	An MRI protocol for anatomical and functional evaluation of the California sea lion brain. Journal of Neuroscience Methods, 2021, 353, 109097.	2.5	10

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19	Association of Intensive vs Standard Blood Pressure Control With Magnetic Resonance Imaging Biomarkers of Alzheimer Disease. <i>JAMA Neurology</i> , 2021, 78, 568.	9.0	44
20	QSIprep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021, 18, 775-778.	19.0	127
21	FlywheelTools: Data Curation and Manipulation on the Flywheel Platform. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 678403.	2.5	7
22	Volumetric glutamate imaging (GluCEST) using 7T MRI can lateralize nonlesional temporal lobe epilepsy: A preliminary study. <i>Brain and Behavior</i> , 2021, 11, e02134.	2.2	7
23	Ex vivo MRI atlas of the human medial temporal lobe: characterizing neurodegeneration due to tau pathology. <i>Acta Neuropathologica Communications</i> , 2021, 9, 173.	5.2	14
24	Reliability of arterial spin labeling derived cerebral blood flow in periventricular white matter. <i>NeuroImage Reports</i> , 2021, 1, 100063.	1.0	9
25	Machine learning in cardiovascular flows modeling: Predicting arterial blood pressure from non-invasive 4D flow MRI data using physics-informed neural networks. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 358, 112623.	6.6	275
26	Calibrated fMRI for dynamic mapping of CMRO <sub>2</sub> responses using MR-based measurements of whole-brain venous oxygen saturation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1501-1516.	4.3	8
27	MRI evaluation of cerebrovascular reactivity in obstructive sleep apnea. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1328-1337.	4.3	17
28	Quantification of cerebral blood flow in adults by contrast-enhanced near-infrared spectroscopy: Validation against MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1672-1684.	4.3	38
29	Metabolic and vascular risk factors are associated with reduced cerebral blood flow and poorer midlife memory performance. <i>Human Brain Mapping</i> , 2020, 41, 855-864.	3.6	17
30	Single-Voxel <sup>1</sup> H MR spectroscopy of cerebral nicotinamide adenine dinucleotide (NAD <sup>+</sup> ) in humans at 7T using a 32-channel volume coil. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 806-814.	3.0	26
31	Estimating regional cerebral blood flow using resting-state functional MRI via machine learning. <i>Journal of Neuroscience Methods</i> , 2020, 331, 108528.	2.5	6
32	Arterial spin labeling versus 18F-FDG-PET to identify mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2020, 25, 102146.	2.7	59
33	Rotated spiral RARE for high spatial and temporal resolution volumetric arterial spin labeling acquisition. <i>NeuroImage</i> , 2020, 223, 117371.	4.2	8
34	Cerebral Pulsed Arterial Spin Labeling Perfusion Weighted Imaging Predicts Language and Motor Outcomes in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Pediatrics</i> , 2020, 8, 576489.	1.9	9
35	Relationship of Cerebral Blood Flow to Cognitive Function and Recovery in Early Chronic Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2180-2187.	3.4	23
36	Two nights of recovery sleep restores hippocampal connectivity but not episodic memory after total sleep deprivation. <i>Scientific Reports</i> , 2020, 10, 8774.	3.3	42

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37	Alterations in Measures of Neuroplasticity Following Sleep Deprivation and Recovery Sleep in Major Depression. <i>Biological Psychiatry</i> , 2020, 87, S71.	1.3	0
38	1H magnetic resonance spectroscopy of 2H-to-1H exchange quantifies the dynamics of cellular metabolism in vivo. <i>Nature Biomedical Engineering</i> , 2020, 4, 335-342.	22.5	40
39	Accelerating GluCEST imaging using deep learning for B <sub>0</sub> correction. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1724-1733.	3.0	21
40	Effect of blood T1 estimation strategy on arterial spin labeled cerebral blood flow quantification in children and young adults with kidney disease. <i>Journal of Neuroradiology</i> , 2019, 46, 29-35.	1.1	7
41	White Matter Lesion Penumbra Shows Abnormalities on Structural and Physiologic MRIs in the Coronary Artery Risk Development in Young Adults Cohort. <i>American Journal of Neuroradiology</i> , 2019, 40, 1291-1298.	2.4	12
42	Cerebral Blood Flow Response During Bolus Normal Saline Infusion After Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104294.	1.6	8
43	0433 Healthy and Depressed Individuals Do Not Differ in Baseline PVT Performance. <i>Sleep</i> , 2019, 42, A175-A175.	1.1	0
44	Structural and functional asymmetry of medial temporal subregions in unilateral temporal lobe epilepsy: A 7T MRI study. <i>Human Brain Mapping</i> , 2019, 40, 2390-2398.	3.6	49
45	Characterizing a perfusion-based periventricular small vessel region of interest. <i>NeuroImage: Clinical</i> , 2019, 23, 101897.	2.7	28
46	Arterial Spin Labeling and Dynamic Susceptibility Contrast-enhanced MR Imaging for evaluation of arteriovenous shunting and tumor hypoxia in glioblastoma. <i>Scientific Reports</i> , 2019, 9, 8747.	3.3	10
47	Perfusion Enhancement with Respiratory Impedance After Stroke (PERI-Stroke). <i>Neurotherapeutics</i> , 2019, 16, 1296-1303.	4.4	6
48	Test-retest reliability of cerebral blood flow for assessing brain function at rest and during a vigilance task. <i>NeuroImage</i> , 2019, 193, 157-166.	4.2	6
49	Transcranial Optical Monitoring of Cerebral Hemodynamics in Acute Stroke Patients during Mechanical Thrombectomy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1483-1494.	1.6	23
50	Variability in the Analgesic Response to Ibuprofen Is Associated With Cyclooxygenase Activation in Inflammatory Pain. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 632-641.	4.7	21
51	Task-enhanced arterial spin labeled perfusion MRI predicts longitudinal neurodegeneration in mild cognitive impairment. <i>Hippocampus</i> , 2019, 29, 26-36.	1.9	11
52	Assessment of uterine artery geometry and hemodynamics in human pregnancy with 4d flow mri and its correlation with doppler ultrasound. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 59-68.	3.4	16
53	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
54	Sex differences in estimated brain metabolism in relation to body growth through adolescence. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 524-535.	4.3	25

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55	Cigarette smoking and cerebral blood flow in a cohort of middle-aged adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1247-1257.	4.3	12
56	Specific Changes in Brain Activity during Urgency in Women with Overactive Bladder after Successful Sacral Neuromodulation: A Functional Magnetic Resonance Imaging Study. <i>Journal of Urology</i> , 2018, 200, 382-388.	0.4	38
57	In vivo GluCEST MRI: Reproducibility, background contribution and source of glutamate changes in the MPTP model of Parkinson's disease. <i>Scientific Reports</i> , 2018, 8, 2883.	3.3	38
58	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
59	Brain substrates of early (4 h) cigarette abstinence: Identification of treatment targets. <i>Drug and Alcohol Dependence</i> , 2018, 182, 78-85.	3.2	12
60	Perfusion alterations converge with patterns of pathological spread in transactive response DNA-binding protein 43 proteinopathies. <i>Neurobiology of Aging</i> , 2018, 68, 85-92.	3.1	11
61	Characterizing the human hippocampus in aging and Alzheimer's disease using a computational atlas derived from ex vivo MRI and histology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4252-4257.	7.1	136
62	Dynamic autoregulation of cerebral blood flow measured non-invasively with fast diffuse correlation spectroscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 230-240.	4.3	36
63	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. <i>Human Brain Mapping</i> , 2018, 39, 851-865.	3.6	60
64	Arterial spin labeling provides a reliable neurobiological marker of autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 32.	3.1	20
65	Influences of temporal lobe epilepsy and temporal lobe resection on olfaction. <i>Journal of Neurology</i> , 2018, 265, 1654-1665.	3.6	24
66	Reproducibility of 2D-GluCEST in healthy human volunteers at 7T. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2033-2039.	3.0	32
67	Basilar Artery Lateral Displacement May Be Associated with Migraine with Aura. <i>Frontiers in Neurology</i> , 2018, 9, 80.	2.4	10
68	Regional Cerebral Blood Flow in Children and Young Adults with Chronic Kidney Disease. <i>Radiology</i> , 2018, 288, 849-858.	7.3	37
69	White matter lesion burden in migraine with aura may be associated with reduced cerebral blood flow. <i>Cephalalgia</i> , 2017, 37, 517-524.	3.9	36
70	State-Independent and Dependent Neural Responses to Psychosocial Stress in Current and Remitted Depression. <i>American Journal of Psychiatry</i> , 2017, 174, 971-979.	7.2	60
71	Temporal and Spatial Variances in Arterial Spin-Labeling Are Inversely Related to Large-Artery Blood Velocity. <i>American Journal of Neuroradiology</i> , 2017, 38, 1555-1561.	2.4	19
72	Effects of the Insulin Sensitizer Metformin in Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2017, 31, 107-113.	1.3	243

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73	Noninvasive optical monitoring of critical closing pressure and arteriole compliance in human subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2691-2705.	4.3	51
74	Prematurity and brain perfusion: Arterial spin labeling MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 401-407.	2.7	30
75	Inter-Subject Variability of Axonal Injury in Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2243-2253.	3.4	29
76	Perfusion has no effect on the <i>in vivo</i> CEST effect from Cr (CrCEST) in skeletal muscle. <i>NMR in Biomedicine</i> , 2017, 30, e3673.	2.8	12
77	Heterogeneous increases of regional cerebral blood flow during preterm brain development: Preliminary assessment with pseudo-continuous arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2017, 147, 233-242.	4.2	47
78	Longitudinal imaging reveals subhippocampal dynamics in glutamate levels associated with histopathologic events in a mouse model of tauopathy and healthy mice. <i>Hippocampus</i> , 2017, 27, 285-302.	1.9	47
79	Short-range connections in the developmental connectome during typical and atypical brain maturation. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 109-122.	6.1	86
80	Comparison of PASL, PCASL, and background-suppressed 3D PCASL in mild cognitive impairment. <i>Human Brain Mapping</i> , 2017, 38, 5260-5273.	3.6	42
81	Post-conventional moral reasoning is associated with increased ventral striatal activity at rest and during task. <i>Scientific Reports</i> , 2017, 7, 7105.	3.3	15
82	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
83	3D-accelerated, stack-of-spirals acquisitions and reconstruction of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1405-1419.	3.0	17
84	Structural Correlation-based Outlier Rejection (SCORE) algorithm for arterial spin labeling time series. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1786-1797.	3.4	42
85	Non-Invasive Respiratory Impedance Enhances Cerebral Perfusion in Healthy Adults. <i>Frontiers in Neurology</i> , 2017, 8, 45.	2.4	8
86	Whole-brain background-suppressed pCASL MRI with 1D-accelerated 3D RARE Stack-Of-Spirals readout. <i>PLoS ONE</i> , 2017, 12, e0183762.	2.5	31
87	Meta-Analysis of the Antidepressant Effects of Acute Sleep Deprivation. <i>Journal of Clinical Psychiatry</i> , 2017, 78, e1020-e1034.	2.2	95
88	Arterial spin labeling perfusion predicts longitudinal decline in semantic variant primary progressive aphasia. <i>Journal of Neurology</i> , 2016, 263, 1927-1938.	3.6	23
89	An actively decoupled dual transceiver coil system for continuous ASL at 7 T. <i>International Journal of Imaging Systems and Technology</i> , 2016, 26, 106-115.	4.1	3
90	MRI-based methods for quantification of the cerebral metabolic rate of oxygen. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1165-1185.	4.3	41

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91	Fast blood flow monitoring in deep tissues with real-time software correlators. Biomedical Optics Express, 2016, 7, 776.	2.9	93
92	Comparison of non-invasive MRI measurements of cerebral blood flow in a large multisite cohort. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1244-1256.	4.3	57
93	Mapping the alterations in glutamate with Glu<sup>C</sup>EST MRI in a mouse model of dopamine deficiency. Journal of Neurochemistry, 2016, 139, 432-439.	3.9	43
94	Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. Biological Psychiatry, 2016, 80, 775-785.	1.3	82
95	A brain stress test: Cerebral perfusion during memory encoding in mild cognitive impairment. Neurolmage: Clinical, 2016, 11, 388-397.	2.7	30
96	Neural Correlates of Post-Conventional Moral Reasoning: A Voxel-Based Morphometry Study. PLoS ONE, 2015, 10, e0122914.	2.5	16
97	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. Magnetic Resonance in Medicine, 2015, 73, spcone.	3.0	19
98	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. Magnetic Resonance in Medicine, 2015, 73, 102-116.	3.0	1,663
99	Design and methods of the NiCK study: neurocognitive assessment and magnetic resonance imaging analysis of children and young adults with chronic kidney disease. BMC Nephrology, 2015, 16, 66.	1.8	14
100	Arterial spin labeling MRI: Clinical applications in the brain. Journal of Magnetic Resonance Imaging, 2015, 41, 1165-1180.	3.4	163
101	Altered salience network connectivity predicts macronutrient intake after sleep deprivation. Scientific Reports, 2015, 5, 8215.	3.3	64
102	Measurement of visual sensitivity in migraine: Validation of two scales and correlation with visual cortex activation. Cephalalgia, 2015, 35, 585-592.	3.9	61
103	Glutamate imaging (GluCEST) lateralizes epileptic foci in nonlesional temporal lobe epilepsy. Science Translational Medicine, 2015, 7, 309ra161.	12.4	156
104	Decomposing cerebral blood flow MRI into functional and structural components: A non-local approach based on prediction. Neurolmage, 2015, 105, 156-170.	4.2	13
105	Brain Entropy Mapping Using fMRI. PLoS ONE, 2014, 9, e89948.	2.5	124
106	High Resolution Mapping of Modafinil Induced Changes in Glutamate Level in Rat Brain. PLoS ONE, 2014, 9, e103154.	2.5	17
107	Prefrontal transcranial direct current stimulation alters activation and connectivity in cortical and subcortical reward systems: A tDCS-fMRI study. Human Brain Mapping, 2014, 35, 3673-3686.	3.6	157
108	Age-related differences in working memory deficits during nicotine withdrawal. Addiction Biology, 2014, 19, 907-917.	2.6	42



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109	Evaluation of segmented 3D acquisition schemes for whole-brain high-resolution arterial spin labeling at 3T. NMR in Biomedicine, 2014, 27, 1387-1396.	2.8	50
110	Response to Letter Regarding Article, "Optical Bedside Monitoring of Cerebral Blood Flow in Acute Ischemic Stroke Patients During Head-of-Bed Manipulation" Stroke, 2014, 45, e190.	2.0	1
111	Continuous Optical Monitoring of Cerebral Hemodynamics During Head-of-Bed Manipulation in Brain-Injured Adults. Neurocritical Care, 2014, 20, 443-453.	2.4	56
112	Optical Bedside Monitoring of Cerebral Blood Flow in Acute Ischemic Stroke Patients During Head-of-Bed Manipulation. Stroke, 2014, 45, 1269-1274.	2.0	78
113	In vivo measurement of glutamate loss is associated with synapse loss in a mouse model of tauopathy. Neurolmage, 2014, 101, 185-192.	4.2	57
114	Impact of puberty on the evolution of cerebral perfusion during adolescence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8643-8648.	7.1	169
115	An expectation-maximization approach for partial volume estimation of arterial spin labeled MRI data: A feasibility study. , 2014, , .		0
116	A VBM study demonstrating "apparent" effects of a single dose of medication on T1-weighted MRIs. Brain Structure and Function, 2013, 218, 97-104.	2.3	56
117	Arterial spin labeled MRI in prodromal Alzheimer's disease: A multi-site study. Neurolmage: Clinical, 2013, 2, 630-636.	2.7	81
118	Direct visualization of short transverse relaxation time component (ViSTa). Neurolmage, 2013, 83, 485-492.	4.2	75
119	Comparison of 2D and 3D single-shot ASL perfusion fMRI sequences. Neurolmage, 2013, 66, 662-671.	4.2	130
120	Influence of probe pressure on the diffuse correlation spectroscopy blood flow signal: extra-cerebral contributions. Biomedical Optics Express, 2013, 4, 978.	2.9	50
121	Interictal cortical hyperresponsiveness in migraine is directly related to the presence of aura. Cephalalgia, 2013, 33, 365-374.	3.9	109
122	Systematic Review of Structural and Functional Neuroimaging Findings in Children and Adults with CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1429-1448.	4.5	69
123	Migraine with Aura Is Associated with an Incomplete Circle of Willis: Results of a Prospective Observational Study. PLoS ONE, 2013, 8, e71007.	2.5	35
124	Serotonin transporter genotype modulates functional connectivity between amygdala and PCC/PCu during mood recovery. Frontiers in Human Neuroscience, 2013, 7, 704.	2.0	24
125	Arterial spin labeling MRI. Current Opinion in Neurology, 2012, 25, 421-428.	3.6	111
126	Microvascular Perfusion Based on Arterial Spin Labeled Perfusion MRI as a Measure of Vascular Risk in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 32, 677-687.	2.6	21



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127	Longitudinal Reproducibility and Accuracy of Pseudo-Continuous Arterial Spin- <sup>1</sup> labeled Perfusion MR Imaging in Typically Developing Children. <i>Radiology</i> , 2012, 263, 527-536.	7.3	86
128	Magnetic resonance imaging of glutamate. <i>Nature Medicine</i> , 2012, 18, 302-306.	30.7	544
129	Direct comparison of fluorodeoxyglucose positron emission tomography and arterial spin labeling magnetic resonance imaging in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2012, 8, 51-59.	0.8	149
130	A Perfusion fMRI Study of the Neural Correlates of Sustained-Attention and Working-Memory Deficits in Chronic Traumatic Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 870-880.	2.9	55
131	Acute baclofen diminishes resting baseline blood flow to limbic structures: A perfusion fMRI study. <i>Drug and Alcohol Dependence</i> , 2012, 125, 60-66.	3.2	24
132	The development and future of perfusion fMRI for dynamic imaging of human brain activity. <i>NeuroImage</i> , 2012, 62, 1279-1285.	4.2	18
133	Applications of arterial spin labeled MRI in the brain. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1026-1037.	3.4	272
134	Absolute cerebral blood flow quantification with pulsed arterial spin labeling during hyperoxia corrected with the simultaneous measurement of the longitudinal relaxation time of arterial blood. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1556-1565.	3.0	27
135	Methylphenidate modulates sustained attention and cortical activation in survivors of traumatic brain injury: a perfusion fMRI study. <i>Psychopharmacology</i> , 2012, 222, 47-57.	3.1	39
136	Comparison of arterial transit times estimated using arterial spin labeling. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 135-144.	2.0	33
137	Improving fMRI activation detection sensitivity using intervoxel coherence mapping. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 33-36.	4.1	0
138	Feasibility of estimation of brain volume and 2-deoxy-2-(18)F-fluoro-D-glucose metabolism using a novel automated image analysis method: application in Alzheimer's disease. <i>Hellenic Journal of Nuclear Medicine</i> , 2012, 15, 190-6.	0.3	10
139	Heterogeneity of functional activation during memory encoding across hippocampal subfields in temporal lobe epilepsy. <i>NeuroImage</i> , 2011, 58, 1121-1130.	4.2	18
140	Modulation of resting brain cerebral blood flow by the GABA B agonist, baclofen: A longitudinal perfusion fMRI study. <i>Drug and Alcohol Dependence</i> , 2011, 117, 176-183.	3.2	43
141	Dopamine transporter genotype modulation of neural responses to smoking cues: confirmation in a new cohort. <i>Addiction Biology</i> , 2011, 16, 308-322.	2.6	54
142	Serotonin transporter genotype modulates the association between depressive symptoms and amygdala activity among psychiatrically healthy adults. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 161-167.	1.8	17
143	Test-retest reliability of arterial spin labeling with common labeling strategies. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 940-949.	3.4	214
144	Potentials and Challenges for Arterial Spin Labeling in Pharmacological Magnetic Resonance Imaging. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 359-366.	2.5	91

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145	Absence of changes in cortical thickness in patients with migraine. <i>Cephalalgia</i> , 2011, 31, 1452-1458.	3.9	56
146	Neural Substrates Associated With Weather-Induced Mood Variability: An Exploratory Study Using ASL Perfusion fMRI. <i>Journal of Cognitive Science</i> , 2011, 12, 195-210.	0.2	3
147	Effects of Aging on Temporal Lobe Blood Flow with Structural Correction in Healthy Older Adults. <i>Journal of Cognitive Science</i> , 2011, 12, 171-193.	0.2	0
148	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
149	Noninvasive Measurement of Cerebral Blood Flow and Blood Oxygenation Using Near-Infrared and Diffuse Correlation Spectroscopies in Critically Brain-Injured Adults. <i>Neurocritical Care</i> , 2010, 12, 173-180.	2.4	255
150	Interaction between nitric oxide synthase inhibitor induced oscillations and the activation flow coupling response. <i>Brain Research</i> , 2010, 1309, 19-28.	2.2	9
151	Decreased ventral striatal activity with impulse control disorders in Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 1660-1669.	3.9	138
152	Estimation of perfusion and arterial transit time in myocardium using free-breathing myocardial arterial spin labeling with navigator echo. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1289-1295.	3.0	41
153	Serotonin transporter genotype modulates amygdala activity during mood regulation. <i>Social Cognitive and Affective Neuroscience</i> , 2010, 5, 1-10.	3.0	54
154	The effects of healthy aging on cerebral hemodynamic responses to posture change. <i>Physiological Measurement</i> , 2010, 31, 477-495.	2.1	60
155	Resting Cerebral Blood Flow Alterations in Chronic Traumatic Brain Injury: An Arterial Spin Labeling Perfusion fMRI Study. <i>Journal of Neurotrauma</i> , 2010, 27, 1399-1411.	3.4	120
156	Early parental care is important for hippocampal maturation: Evidence from brain morphology in humans. <i>NeuroImage</i> , 2010, 49, 1144-1150.	4.2	156
157	The optimal template effect in hippocampus studies of diseased populations. <i>NeuroImage</i> , 2010, 49, 2457-2466.	4.2	605
158	Imaging brain fatigue from sustained mental workload: An ASL perfusion study of the time-on-task effect. <i>NeuroImage</i> , 2010, 49, 3426-3435.	4.2	330
159	DAT Genotype Modulates Brain and Behavioral Responses Elicited by Cigarette Cues. <i>Neuropsychopharmacology</i> , 2009, 34, 717-728.	5.4	89
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