

Manus J Donahue

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

3,890
citations

101496

36
h-index

168321

53
g-index

130
all docs

130
docs citations

130
times ranked

4943
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline GABA concentration and fMRI response. <i>NeuroImage</i> , 2010, 53, 392-398.	2.1	157
2	Assessment of ischemic penumbra in patients with hyperacute stroke using amide proton transfer (APT) chemical exchange saturation transfer (CEST) MRI. <i>NMR in Biomedicine</i> , 2014, 27, 163-174.	1.6	144
3	Theoretical and experimental investigation of the VASO contrast mechanism. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1261-1273.	1.9	142
4	Separation of macrovascular signal in multi-echo inversion time arterial spin labelling MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1357-1365.	1.9	101
5	Detrimental effects of BOLD signal in arterial spin labeling fMRI at high field strength. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 546-552.	1.9	97
6	An account of the discrepancy between MRI and PET cerebral blood flow measures. A high-field MRI investigation. <i>NMR in Biomedicine</i> , 2006, 19, 1043-1054.	1.6	91
7	Non-invasive imaging of oxygen extraction fraction in adults with sickle cell anaemia. <i>Brain</i> , 2016, 139, 738-750.	3.7	89
8	Cerebral Blood Flow, Blood Volume, and Oxygen Metabolism Dynamics in Human Visual and Motor Cortex as Measured by Whole-Brain Multi-Modal Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1856-1866.	2.4	84
9	Impact of a Single Bout of Aerobic Exercise on Regional Brain Perfusion and Activation Responses in Healthy Young Adults. <i>PLoS ONE</i> , 2014, 9, e85163.	1.1	78
10	Increased hippocampal CA1 cerebral blood volume in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 5, 359-364.	1.4	77
11	Relationships between hypercarbic reactivity, cerebral blood flow, and arterial circulation times in patients with moyamoya disease. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1129-1139.	1.9	76
12	MRI techniques to measure arterial and venous cerebral blood volume. <i>NeuroImage</i> , 2019, 187, 17-31.	2.1	75
13	Alterations in default-mode network connectivity may be influenced by cerebrovascular changes within 1 week of sports related concussion in college varsity athletes: a pilot study. <i>Brain Imaging and Behavior</i> , 2016, 10, 559-568.	1.1	72
14	Blood oxygenation level-dependent (BOLD) total and extravascular signal changes and r^2 in human visual cortex at 1.5, 3.0 and 7.0 T. <i>NMR in Biomedicine</i> , 2011, 24, 25-34.	1.6	71
15	Time delay processing of hypercapnic fMRI allows quantitative parameterization of cerebrovascular reactivity and blood flow delays. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1767-1779.	2.4	71
16	Hemodynamic Changes after Visual Stimulation and Breath Holding Provide Evidence for an Uncoupling of Cerebral Blood Flow and Volume from Oxygen Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 176-185.	2.4	64
17	Visualization of Altered Neurovascular Coupling in Chronic Stroke Patients using Multimodal Functional MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 2044-2054.	2.4	64
18	Routine Clinical Evaluation of Cerebrovascular Reserve Capacity Using Carbogen in Patients With Intracranial Stenosis. <i>Stroke</i> , 2014, 45, 2335-2341.	1.0	64

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19	Tissue Sodium Content is Elevated in the Skin and Subcutaneous Adipose Tissue in Women with Lipedema. <i>Obesity</i> , 2018, 26, 310-317.	1.5	63
20	Inflow-based vascular-space-occupancy (iVASO) MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 40-56.	1.9	62
21	Novel MRI Approaches for Assessing Cerebral Hemodynamics in Ischemic Cerebrovascular Disease. <i>Stroke</i> , 2012, 43, 903-915.	1.0	62
22	Gray matter blood flow and volume are reduced in association with white matter hyperintensity lesion burden: a cross-sectional MRI study. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 131.	1.7	58
23	Lower cardiac index levels relate to lower cerebral blood flow in older adults. <i>Neurology</i> , 2017, 89, 2327-2334.	1.5	58
24	Absolute Arterial Cerebral Blood Volume Quantification Using Inflow Vascular-Space-Occupancy with Dynamic Subtraction Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1329-1342.	2.4	57
25	Diffusion along perivascular spaces reveals evidence supportive of glymphatic function impairment in Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2021, 89, 98-104.	1.1	57
26	Bolus Arrival Time and Cerebral Blood Flow Responses to Hypercarbia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1243-1252.	2.4	54
27	Cortical depth dependence of the BOLD initial dip and poststimulus undershoot in human visual cortex at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2283-2295.	1.9	52
28	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. <i>Blood Advances</i> , 2019, 3, 3982-4001.	2.5	51
29	Neuroimaging of vascular reserve in patients with cerebrovascular diseases. <i>NeuroImage</i> , 2019, 187, 192-208.	2.1	49
30	Evaluation of human brain tumor heterogeneity using multiple T_1 -based MRI signal weighting approaches. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 336-344.	1.9	48
31	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1391-1417.	2.4	48
32	Structural and functional connectivity of the nondecussating dentato-rubro-thalamic tract. <i>NeuroImage</i> , 2018, 176, 364-371.	2.1	48
33	The Vanderbilt Memory & Aging Project: Study Design and Baseline Cohort Overview. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 539-559.	1.2	44
34	Hemodynamic mechanisms underlying elevated oxygen extraction fraction (OEF) in moyamoya and sickle cell anemia patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1618-1630.	2.4	44
35	Assessment of lymphatic impairment and interstitial protein accumulation in patients with breast cancer treatment-related lymphedema using CEST MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 345-355.	1.9	43
36	Clinical Feasibility of Noninvasive Visualization of Lymphatic Flow with Principles of Spin Labeling MR Imaging: Implications for Lymphedema Assessment. <i>Radiology</i> , 2013, 269, 893-902.	3.6	40

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37	Cerebral hemodynamics and pseudo-continuous arterial spin labeling considerations in adults with sickle cell anemia. <i>NMR in Biomedicine</i> , 2017, 30, e3681.	1.6	39
38	Ventral striatal network connectivity reflects reward learning and behavior in patients with Parkinson's disease. <i>Human Brain Mapping</i> , 2018, 39, 509-521.	1.9	36
39	Nigrostriatal and Mesolimbic D _{2/3} Receptor Expression in Parkinson's Disease Patients with Compulsive Reward-Driven Behaviors. <i>Journal of Neuroscience</i> , 2018, 38, 3230-3239.	1.7	35
40	Mesocorticolimbic hemodynamic response in Parkinson's disease patients with compulsive behaviors. <i>Movement Disorders</i> , 2017, 32, 1574-1583.	2.2	34
41	White matter differences between essential tremor and Parkinson disease. <i>Neurology</i> , 2019, 92, e30-e39.	1.5	32
42	Magnetization transfer enhanced vascular space occupancy (MT-VASO) functional MRI. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 944-951.	1.9	31
43	Quantitative magnetization transfer imaging of the human locus coeruleus. <i>NeuroImage</i> , 2019, 200, 191-198.	2.1	30
44	Effect of inflow of fresh blood on vascular space occupancy (VASO) contrast. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 473-480.	1.9	29
45	Dual echo vessel-encoded ASL for simultaneous BOLD and CBF reactivity assessment in patients with ischemic cerebrovascular disease. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1579-1592.	1.9	29
46	Lymphedema evaluation using noninvasive 3T MR lymphangiography. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1349-1360.	1.9	27
47	Dopamine effects on frontal cortical blood flow and motor inhibition in Parkinson's disease. <i>Cortex</i> , 2019, 115, 99-111.	1.1	27
48	Differential cerebral hemometabolic responses to blood transfusions in adults and children with sickle cell anemia. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 466-477.	1.9	27
49	Neuronal activation induced BOLD and CBF responses upon acetazolamide administration in patients with steno-occlusive artery disease. <i>NeuroImage</i> , 2015, 105, 276-285.	2.1	26
50	Silent infarct is a risk factor for infarct recurrence in adults with sickle cell anemia. <i>Neurology</i> , 2018, 91, e781-e784.	1.5	25
51	Neuroimaging Advances in Pediatric Stroke. <i>Stroke</i> , 2019, 50, 240-248.	1.0	25
52	Preliminary evidence for cerebral capillary shunting in adults with sickle cell anemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1099-1110.	2.4	25
53	Vascular space occupancy (VASO) cerebral blood volume-weighted MRI identifies hemodynamic impairment in patients with carotid artery disease. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 718-724.	1.9	24
54	Crossed cerebellar diaschisis after stroke identified noninvasively with cerebral blood flow-weighted arterial spin labeling MRI. <i>European Journal of Radiology</i> , 2016, 85, 136-142.	1.2	24

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55	Upper and Lower Extremity Measurement of Tissue Sodium and Fat Content in Patients with Lipedema. <i>Obesity</i> , 2020, 28, 907-915.	1.5	24
56	Anterior-posterior gradient differences in lobar and cingulate cortex cerebral blood flow in late-life depression. <i>Journal of Psychiatric Research</i> , 2018, 97, 1-7.	1.5	23
57	Lipedema and Dercum's Disease: A New Application of Bioimpedance. <i>Lymphatic Research and Biology</i> , 2019, 17, 671-679.	0.5	23
58	Arterial Spin Labeling and Blood Oxygen Level-Dependent MRI Cerebrovascular Reactivity in Cerebrovascular Disease: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2016, 42, 288-307.	0.8	22
59	[18F]fallypride characterization of striatal and extrastriatal D2/3 receptors in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2018, 18, 433-442.	1.4	21
60	Classifying intracranial stenosis disease severity from functional MRI data using machine learning. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 705-719.	2.4	21
61	Reduced oxygen extraction efficiency in sickle cell anemia patients with evidence of cerebral capillary shunting. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 546-560.	2.4	21
62	Spontaneous blood oxygenation level-dependent fMRI signal is modulated by behavioral state and correlates with evoked response in sensorimotor cortex: A 7.0T fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 511-522.	1.9	20
63	The Vascular Steal Phenomenon is an Incomplete Contributor to Negative Cerebrovascular Reactivity in Patients with Symptomatic Intracranial Stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1453-1462.	2.4	20
64	Interrogating the Functional Correlates of Collateralization in Patients with Intracranial Stenosis Using Multimodal Hemodynamic Imaging. <i>American Journal of Neuroradiology</i> , 2016, 37, 1132-1138.	1.2	19
65	Vessel wall and lumen characteristics with age in healthy participants using 3T intracranial vessel wall magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1452-1460.	1.9	19
66	Cortical Implications of Advancing Age and Disease Duration in Parkinson's Disease Patients with Postural Instability and Gait Dysfunction. <i>Journal of Parkinson's Disease</i> , 2016, 6, 441-451.	1.5	18
67	Clinical Use of Cerebrovascular Compliance Imaging to Evaluate Revascularization in Patients With Moyamoya. <i>Neurosurgery</i> , 2019, 84, 261-271.	0.6	18
68	Cerebral Hemodynamics and Executive Function in Sickle Cell Anemia. <i>Stroke</i> , 2021, 52, 1830-1834.	1.0	18
69	Inverse correspondence between hippocampal perfusion and verbal memory performance in older adults. <i>Hippocampus</i> , 2013, 23, 213-220.	0.9	17
70	Perfusion and pH MRI in familial hemiplegic migraine with prolonged aura. <i>Cephalalgia</i> , 2016, 36, 279-283.	1.8	17
71	Prior Infarcts, Reactivity, and Angiography in Moyamoya Disease (PIRAMD): a scoring system for moyamoya severity based on multimodal hemodynamic imaging. <i>Journal of Neurosurgery</i> , 2017, 126, 495-503.	0.9	17
72	Choroid plexus perfusion and intracranial cerebrospinal fluid changes after angiogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1658-1671.	2.4	17

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73	Bilateral Changes in Deep Tissue Environment After Manual Lymphatic Drainage in Patients with Breast Cancer Treatment-Related Lymphedema. <i>Lymphatic Research and Biology</i> , 2017, 15, 45-56.	0.5	16
74	Noise concerns and post-processing procedures in cerebral blood flow (CBF) and cerebral blood volume (CBV) functional magnetic resonance imaging. <i>NeuroImage</i> , 2017, 154, 43-58.	2.1	16
75	Variable impact of CSF flow suppression on quantitative 3.0T intracranial vessel wall measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1120-1128.	1.9	16
76	Vessel-encoded arterial spin labeling (VE-ASL) reveals elevated flow territory asymmetry in older adults with substandard verbal memory performance. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 377-386.	1.9	15
77	Planning-free cerebral blood flow territory mapping in patients with intracranial arterial stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1944-1958.	2.4	15
78	Frontocingulate cerebral blood flow and cerebrovascular reactivity associated with antidepressant response in late-life depression. <i>Journal of Affective Disorders</i> , 2017, 215, 103-110.	2.0	15
79	Elevated brain oxygen extraction fraction in preterm newborns with anemia measured using noninvasive MRI. <i>Journal of Perinatology</i> , 2018, 38, 1636-1643.	0.9	15
80	<i>In vivo</i> quantification of hyperoxic arterial blood water T_1 . <i>NMR in Biomedicine</i> , 2015, 28, 1518-1525.	1.6	14
81	The Cumulative Influence of Hyperoxia and Hypercapnia on Blood Oxygenation and R_2^* . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2032-2042.	2.4	14
82	Haploidentical bone marrow transplantation improves cerebral hemodynamics in adults with sickle cell disease. <i>American Journal of Hematology</i> , 2019, 94, E155-E158.	2.0	14
83	Medial temporal lobe volumes in late-life depression: effects of age and vascular risk factors. <i>Brain Imaging and Behavior</i> , 2020, 14, 19-29.	1.1	14
84	Parasagittal dural space and cerebrospinal fluid (CSF) flow across the lifespan in healthy adults. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 24.	2.4	14
85	Family History of Alzheimer's Disease is Associated with Impaired Perceptual Discrimination of Novel Objects. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 735-745.	1.2	13
86	Improved detection of cerebrovascular disease processes: Introduction to the <i>Journal of Cerebral Blood Flow and Metabolism</i> special issue on cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1387-1390.	2.4	13
87	CEST MRI quantification procedures for breast cancer treatment-related lymphedema therapy evaluation. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1760-1773.	1.9	13
88	Linear and Curvilinear Trajectories of Cortical Loss with Advancing Age and Disease Duration in Parkinson's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 7, 220.		12
89	Impact of vessel wall lesions and vascular stenoses on cerebrovascular reactivity in patients with intracranial stenotic disease. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1167-1176.	1.9	11
90	Vessel Wall and Lumen Features in North American Moyamoya Patients. <i>Clinical Neuroradiology</i> , 2020, 30, 545-552.	1.0	11

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91	Intracranial and Extracranial Vascular Stenosis as Risk Factors for Stroke in Sickle Cell Disease. <i>Pediatric Neurology</i> , 2021, 114, 29-34.	1.0	11
92	Functional MRI Using Spin Lock Editing Preparation Pulses. <i>Magnetic Resonance Imaging</i> , 2014, 32, 813-818.	1.0	10
93	Inflowâ€vascular space occupancy (iVASO) reproducibility in the hippocampus and cortex at different blood water nulling times. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2379-2387.	1.9	10
94	The Regulation of Cerebral Spinal Fluid Flow and Its Relevance to the Glymphatic System. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 58.	2.0	10
95	γ -Aminobutyric Acid (GABA) Concentration Inversely Correlates with Basal Perfusion in Human Occipital Lobe. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 532-541.	2.4	9
96	A Prospective, Longitudinal <i>Magnetic Resonance Imaging</i> Evaluation of Cerebrovascular Reactivity and Infarct Development in Patients With Intracranial Stenosis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 912-922.	1.9	9
97	Choroid plexus perfusion in sickle cell disease and moyamoya vasculopathy: Implications for glymphatic flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2699-2711.	2.4	9
98	Subcutaneous Adipose Tissue Edema in Lipedema Revealed by Noninvasive <i>3T MR</i> Lymphangiography. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 598-608.	1.9	9
99	The effect of echo time and post-processing procedure on blood oxygenation level-dependent (BOLD) functional connectivity analysis. <i>NeuroImage</i> , 2014, 95, 39-47.	2.1	8
100	T_1 relaxation time measurements of human lymph nodes in adults with and without lymphatic insufficiency: Implications for magnetic resonance lymphatic imaging. <i>NMR in Biomedicine</i> , 2018, 31, e4009.	1.6	8
101	Physical Therapy in Women with Early Stage Lipedema: Potential Impact of Multimodal Manual Therapy, Compression, Exercise, and Education Interventions. <i>Lymphatic Research and Biology</i> , 2022, 20, 382-390.	0.5	8
102	Hemodynamic and metabolic changes during hypercapnia with normoxia and hyperoxia using pCASL and TRUST MRI in healthy adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 861-875.	2.4	8
103	Comparison of Cortical and Subcortical Measurements in Normal Older Adults across Databases and Software Packages. <i>Journal of Alzheimer's Disease Reports</i> , 2017, 1, 59-70.	1.2	7
104	Using novel magnetic resonance imaging methods to predict stroke risk in individuals with sickle cell anemia. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2020, 13, 76-84.	0.6	7
105	Amnesic mild cognitive impairment individuals with dissimilar pathologic origins show common regional vulnerability in the default mode network. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 717-725.	1.2	6
106	Advances in neuroimaging to improve care in sickle cell disease. <i>Lancet Neurology</i> , The, 2021, 20, 398-408.	4.9	6
107	Amphetamine-induced dopamine release and impulsivity in Parkinson's disease. <i>Brain</i> , 2022, 145, 3488-3499.	3.7	6
108	Matching of postcontraction perfusion to oxygen consumption across submaximal contraction intensities in exercising humans. <i>Journal of Applied Physiology</i> , 2015, 119, 280-289.	1.2	5

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109	Hippocampal arterial cerebral blood volume in early psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 21-25.	0.9	5
110	Evidence of transfusion-induced reductions in cerebral capillary shunting in sickle cell disease. <i>American Journal of Hematology</i> , 2020, 95, E228-E230.	2.0	5
111	Neuroimaging of Cerebral Blood Flow and Sodium in Women with Lipedema. <i>Obesity</i> , 2020, 28, 1292-1300.	1.5	5
112	Magnetic resonance imaging and bioimpedance evaluation of lymphatic abnormalities in patients with breast cancer treatment-related lymphedema. <i>Breast Cancer Research and Treatment</i> , 2020, 183, 83-94.	1.1	5
113	A cross-sectional, case-control study of intracranial arterial wall thickness and complete blood count measures in sickle cell disease. <i>British Journal of Haematology</i> , 2021, 192, 769-777.	1.2	5
114	Cerebral blood flow territory instability in patients with atherosclerotic intracranial stenosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1441-1451.	1.9	4
115	Cerebral hemodynamics and metabolism are similar in sickle cell disease patients with hemoglobin SS and S ⁰ thalassemia phenotypes. <i>American Journal of Hematology</i> , 2020, 95, E66-E68.	2.0	3
116	Implementation of Single-Tab Electrodes for Bioimpedance Spectroscopy Measures. <i>Lymphatic Research and Biology</i> , 2020, 18, 277-283.	0.5	3
117	Reduction in transcranial doppler ultrasound (TCD) velocity after regular blood transfusion therapy is associated with a change in hemoglobin S fraction in sickle cell anemia. <i>American Journal of Hematology</i> , 2020, 95, E308-E310.	2.0	3
118	Mapping the orbitofrontal cortex using temporal fluctuations in cerebral blood flow. <i>Brain and Behavior</i> , 2021, 11, e02034.	1.0	3
119	Elevated cerebral blood flow in patients with pure autonomic failure. <i>Clinical Autonomic Research</i> , 2021, 31, 405-414.	1.4	3
120	Elevated magnetic resonance imaging measures of adipose tissue deposition in women with breast cancer treatment-related lymphedema. <i>Breast Cancer Research and Treatment</i> , 2022, 191, 115-124.	1.1	3
121	Lower cerebral oxygen utilization is associated with Alzheimer's disease-related neurodegeneration and poorer cognitive performance among apolipoprotein E ϵ 4 carriers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 642-655.	2.4	3
122	Dopamine-induced changes to thalamic GABA concentration in impulsive Parkinson disease patients. <i>Npj Parkinson's Disease</i> , 2022, 8, 37.	2.5	3
123	Presurgical Magnetic Resonance Imaging Indicators of Revascularization Response in Adults With Moyamoya Vasculopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 983-994.	1.9	2
124	Correlating Hemodynamic Magnetic Resonance Imaging with high-field Intracranial Vessel Wall Imaging in Stroke. <i>Journal of Radiology Case Reports</i> , 2014, 8, 1-10.	0.2	1
125	Treatment of Progressive Herpes Zoster-Induced Vasculopathy with Surgical Revascularization: Effects on Cerebral Hemodynamics. <i>World Neurosurgery</i> , 2018, 111, 132-138.	0.7	1
126	Safety of 3 Tesla Magnetic Resonance Imaging in Patients with Sickle Cell Disease. <i>Radiology Research and Practice</i> , 2021, 2021, 1-6.	0.6	1

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127	Resolution and inversion time dependence of CBF measurements using MRI: A possible explanation for discrepancy between MRI and PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S320-S320.	2.4	0
128	Clinical Translation of Cerebrovascular Mapping. <i>Neuromethods</i> , 2022, , 185-206.	0.2	0
129	Inflammatory biomarkers are associated with cerebral large artery thickening and dilatation in older adults. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0