

# Andrew M Blamire

## List of Publications by Year in descending order

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223  
papers

10,979  
citations

24978

57  
h-index

40881

93  
g-index

229  
all docs

229  
docs citations

229  
times ranked

12582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal Cardiac and Skeletal Muscle Energy Metabolism in Patients With Type 2 Diabetes. <i>Circulation</i> , 2003, 107, 3040-3046.	1.6	468
2	Functional magnetic resonance imaging of human prefrontal cortex activation during a spatial working memory task.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8690-8694.	3.3	431
3	Echo-planar magnetic resonance imaging studies of frontal cortex activation during word generation in humans.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 4952-4956.	3.3	424
4	Hypertrophic cardiomyopathy due to sarcomeric gene mutations is characterized by impaired energy metabolism irrespective of the degree of hypertrophy. <i>Journal of the American College of Cardiology</i> , 2003, 41, 1776-1782.	1.2	359
5	Dynamic mapping of the human visual cortex by high-speed magnetic resonance imaging.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 11069-11073.	3.3	347
6	Antioxidant treatment improves in vivo cardiac and skeletal muscle bioenergetics in patients with Friedreich's ataxia. <i>Annals of Neurology</i> , 2001, 49, 590-596.	2.8	246
7	fMRI of the prefrontal cortex during overt verbal fluency. <i>NeuroReport</i> , 1997, 8, 561-565.	0.6	234
8	Antioxidant Treatment of Patients With Friedreich Ataxia. <i>Archives of Neurology</i> , 2005, 62, 621.	4.9	211
9	Proton magnetic resonance spectroscopy of cerebral lactate and other metabolites in stroke patients.. <i>Stroke</i> , 1992, 23, 333-340.	1.0	186
10	Metabolic abnormalities in developmental dyslexia detected by 1H magnetic resonance spectroscopy. <i>Lancet, The</i> , 1998, 351, 1849-1852.	6.3	181
11	Dynamic Magnetic Resonance Imaging of the Rat Brain during Forepaw Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 649-655.	2.4	156
12	Cerebellar morphology in developmental dyslexia. <i>Neuropsychologia</i> , 2002, 40, 1285-1292.	0.7	141
13	Cognitive impairment in primary biliary cirrhosis: Symptom impact and potential etiology. <i>Hepatology</i> , 2008, 48, 541-549.	3.6	129
14	Confounding effects of anesthesia on functional activation in rodent brain: a study of halothane and $\bar{I}\pm$ -chloralose anesthesia. <i>NeuroImage</i> , 2005, 24, 92-100.	2.1	124
15	Relating MRI Changes to Motor Deficit After Ischemic Stroke by Segmentation of Functional Motor Pathways. <i>Stroke</i> , 2000, 31, 672-679.	1.0	117
16	The technology of MRI " the next 10 years?. <i>British Journal of Radiology</i> , 2008, 81, 601-617.	1.0	116
17	MRI detection of early endothelial activation in brain inflammation. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 248-252.	1.9	115
18	Dynamic shim updating: A new approach towards optimized whole brain shimming. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 159-165.	1.9	109

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19	Effects of Community Exercise Therapy on Metabolic, Brain, Physical, and Cognitive Function Following Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 623-635.	1.4	102
20	Safety and efficacy of deferiprone for pantothenate kinase-associated neurodegeneration: a randomised, double-blind, controlled trial and an open-label extension study. <i>Lancet Neurology</i> , The, 2019, 18, 631-642.	4.9	102
21	Early temporal variation of cerebral metabolites after human stroke. A proton magnetic resonance spectroscopy study. <i>Stroke</i> , 1993, 24, 1891-1896.	1.0	100
22	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2012, 135, 569-581.	3.7	99
23	Design Principles and Theory of Paramagnetic Fluorine- <sup>19</sup> F Magnetic Resonance: A Proof-of-Concept Study. <i>Chemistry - A European Journal</i> , 2010, 16, 134-148.	1.7	98
24	Axonal Injury or Loss in the Internal Capsule and Motor Impairment in Multiple Sclerosis. <i>Archives of Neurology</i> , 2000, 57, 65.	4.9	94
25	Dysfunctional brain dynamics and their origin in Lewy body dementia. <i>Brain</i> , 2019, 142, 1767-1782.	3.7	94
26	Cardiac energetics are abnormal in Friedreich ataxia patients in the absence of cardiac dysfunction and hypertrophy: An in vivo <sup>31</sup> P magnetic resonance spectroscopy study. <i>Cardiovascular Research</i> , 2001, 52, 111-119.	1.8	93
27	fMRI resting state networks and their association with cognitive fluctuations in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2014, 4, 558-565.	1.4	93
28	Altered Cellular Metabolism Following Traumatic Brain Injury: A Magnetic Resonance Spectroscopy Study. <i>Journal of Neurotrauma</i> , 2001, 18, 231-240.	1.7	92
29	Characterizing dementia with Lewy bodies by means of diffusion tensor imaging. <i>Neurology</i> , 2012, 79, 906-914.	1.5	89
30	Dynamic functional connectivity changes in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101812.	1.4	88
31	Beta-Interferon treatment does not always slow the progression of axonal injury in multiple sclerosis. <i>Journal of Neurology</i> , 2003, 250, 171-178.	1.8	87
32	Atrophy is associated with posterior cingulate white matter disruption in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage</i> , 2007, 36, 1-7.	2.1	87
33	Magnetic Resonance Imaging in Lewy Body Dementias. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 28, 493-506.	0.7	82
34	Ketamine augmentation of electroconvulsive therapy to improve neuropsychological and clinical outcomes in depression (Ketamine-ECT): a multicentre, double-blind, randomised, parallel-group, superiority trial. <i>Lancet Psychiatry</i> , the, 2017, 4, 365-377.	3.7	82
35	Lithium, Gray Matter, and Magnetic Resonance Imaging Signal. <i>Biological Psychiatry</i> , 2013, 73, 652-657.	0.7	81
36	Muscle MRI in patients with dysferlinopathy: pattern recognition and implications for clinical trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1071-1081.	0.9	81

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37	Nuclear magnetic resonance imaging and spectroscopy of human brain function.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3127-3133.	3.3	80
38	Reduced occipital GABA in Parkinson disease with visual hallucinations. Neurology, 2018, 91, e675-e685.	1.5	79
39	Clinical Correlates of Proton Magnetic Resonance Spectroscopy Findings After Acute Cerebral Infarction. Stroke, 1995, 26, 225-229.	1.0	79
40	Axonal Injury in the Internal Capsule Correlates With Motor Impairment After Stroke. Stroke, 1999, 30, 956-962.	1.0	78
41	TNF-alpha reduces cerebral blood volume and disrupts tissue homeostasis via an endothelin- and TNFR2-dependent pathway. Brain, 2002, 125, 2446-2459.	3.7	78
42	Resting-State Functional Connectivity in Late-Life Depression: Higher Global Connectivity and More Long Distance Connections. Frontiers in Psychiatry, 2012, 3, 116.	1.3	78
43	Using DTI to assess white matter microstructure in cerebral small vessel disease (SVD) in multicentre studies. Clinical Science, 2017, 131, 1361-1373.	1.8	76
44	The Clinical Outcome Study for dysferlinopathy. Neurology: Genetics, 2016, 2, e89.	0.9	75
45	Echo planar imaging of the human fetus <i>in utero</i> at 0.5 T. British Journal of Radiology, 1990, 63, 833-841.	1.0	74
46	Diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. Psychiatry Research - Neuroimaging, 2007, 155, 135-145.	0.9	74
47	White matter correlates of cognitive dysfunction after mild traumatic brain injury. Neurology, 2014, 83, 494-501.	1.5	74
48	"Willed action": A functional MRI study of the human prefrontal cortex during a sensorimotor task. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6989-6994.	3.3	73
49	Intensive Blood Pressure Lowering Increases Cerebral Blood Flow in Older Subjects With Hypertension. Hypertension, 2013, 61, 1309-1315.	1.3	73
50	Pilot Study of Peripheral Muscle Function in Primary Biliary Cirrhosis: Potential Implications for Fatigue Pathogenesis. Clinical Gastroenterology and Hepatology, 2008, 6, 1041-1048.	2.4	71
51	Abnormalities in pH handling by peripheral muscle and potential regulation by the autonomic nervous system in chronic fatigue syndrome. Journal of Internal Medicine, 2010, 267, 394-401.	2.7	71
52	Functional Connectivity in Late-Life Depression Using Resting-State Functional Magnetic Resonance Imaging. American Journal of Geriatric Psychiatry, 2010, 18, 643-651.	0.6	71
53	Increase in Apparent Diffusion Coefficient in Normal Appearing White Matter following Human Traumatic Brain Injury Correlates with Injury Severity. Journal of Neurotrauma, 2004, 21, 645-654.	1.7	68
54	Effect of Standard vs Intensive Blood Pressure Control on Cerebral Blood Flow in Small Vessel Disease. JAMA Neurology, 2018, 75, 720.	4.5	67

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55	Functional Magnetic Resonance Imaging Assessment of the Human Brain Auditory Cortex Response to Increasing Word Presentation Rates. <i>Journal of Neurophysiology</i> , 1997, 77, 476-483.	0.9	65
56	Left ventricular torsion, energetics, and diastolic function in normal human aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H885-H892.	1.5	62
57	Transplantation of magnetically labeled mesenchymal stem cells in a model of perinatal brain injury. <i>Stem Cell Research</i> , 2010, 5, 255-266.	0.3	58
58	Impaired cardiovascular function in primary biliary cirrhosis. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G764-G773.	1.6	57
59	Regional differences in neurovascular coupling in rat brain as determined by fMRI and electrophysiology. <i>NeuroImage</i> , 2010, 53, 399-411.	2.1	56
60	Impaired cardiovascular response to standing in Chronic Fatigue Syndrome. <i>European Journal of Clinical Investigation</i> , 2010, 40, 608-615.	1.7	55
61	Differential Atrophy of Hippocampal Subfields: A Comparative Study of Dementia with Lewy Bodies and Alzheimer Disease. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 136-143.	0.6	55
62	Functional connectivity in dementia with Lewy bodies: A within- and between-network analysis. <i>Human Brain Mapping</i> , 2018, 39, 1118-1129.	1.9	55
63	Abnormal Cerebral Blood Volume in Regions of Contused and Normal Appearing Brain Following Traumatic Brain Injury Using Perfusion Magnetic Resonance Imaging. <i>Journal of Neurotrauma</i> , 2001, 18, 585-593.	1.7	54
64	Axonal damage in the spinal cord of multiple sclerosis patients detected by magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 880-885.	1.9	54
65	<sup>19</sup> F-lanthanide complexes with increased sensitivity for <sup>19</sup> F-MRI: Optimization of the MR acquisition. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 931-936.	1.9	54
66	Patterns of gray matter atrophy in dementia with Lewy bodies: a voxel-based morphometry study. <i>International Psychogeriatrics</i> , 2012, 24, 532-540.	0.6	54
67	Magnetic resonance spectroscopy evidence of abnormal cardiac energetics in Xp21 muscular dystrophy. <i>Journal of the American College of Cardiology</i> , 2000, 36, 1953-1958.	1.2	52
68	Loss of capacity to recover from acidosis on repeat exercise in chronic fatigue syndrome: a case-control study. <i>European Journal of Clinical Investigation</i> , 2012, 42, 186-194.	1.7	52
69	Lewy body compared with Alzheimer dementia is associated with decreased functional connectivity in resting state networks. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 192-201.	0.9	52
70	Multi-modal MRI in normal pressure hydrocephalus identifies pre-operative haemodynamic and diffusion coefficient changes in normal appearing white matter correlating with surgical outcome. <i>Clinical Neurology and Neurosurgery</i> , 2003, 105, 193-202.	0.6	50
71	Loss of capacity to recover from acidosis in repeat exercise is strongly associated with fatigue in primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2010, 53, 155-161.	1.8	50
72	Magnetic resonance quantification of water and metabolites in the brain of cirrhotics following induced hyperammonaemia. <i>Journal of Hepatology</i> , 2011, 54, 1154-1160.	1.8	50

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73	Association between cortical metabolite levels and clinical manifestations of migrainous aura: an MR-spectroscopy study. <i>Brain</i> , 2007, 130, 3102-3110.	3.7	49
74	Whole-brain patterns of 1H-magnetic resonance spectroscopy imaging in Alzheimer's disease and dementia with Lewy bodies. <i>Translational Psychiatry</i> , 2016, 6, e877-e877.	2.4	48
75	Rituximab Is Ineffective for Treatment of Fatigue in Primary Biliary Cholangitis: A Phase 2 Randomized Controlled Trial. <i>Hepatology</i> , 2019, 70, 1646-1657.	3.6	48
76	Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. <i>American Journal of Obstetrics and Gynecology</i> , 1990, 163, 601-607.	0.7	47
77	PEEP—A rapid chemical-shift imaging method. <i>Magnetic Resonance in Medicine</i> , 1989, 10, 282-287.	1.9	46
78	Moving the goal posts: enhancing the sensitivity of PARASHIFT proton magnetic resonance imaging and spectroscopy. <i>Chemical Science</i> , 2013, 4, 4251.	3.7	46
79	Exploration of New Contrasts, Targets, and MR Imaging and Spectroscopy Techniques for Neuromuscular Disease — A Workshop Report of Working Group 3 of the Biomedicine and Molecular Biosciences COST Action BM1304 MYO-MRI. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 1-30.	1.1	46
80	Correlative MR imaging and 31P-MR spectroscopy study in sarcoglycan deficient limb girdle muscular dystrophy. <i>Neuromuscular Disorders</i> , 1997, 7, 505-511.	0.3	45
81	MRI Reveals That Early Changes in Cerebral Blood Volume Precede Blood—Brain Barrier Breakdown and Overt Pathology in MS-like Lesions in Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 204-216.	2.4	44
82	Longitudinal assessment of global and regional atrophy rates in Alzheimer's disease and dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2015, 7, 456-462.	1.4	44
83	Defining cardiac adaptations and safety of endurance training in patients with m.3243A&gt;G-related mitochondrial disease. <i>International Journal of Cardiology</i> , 2013, 168, 3599-3608.	0.8	43
84	High Resolution Imaging of the Medial Temporal Lobe in Alzheimer's Disease and Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 1129-1140.	1.2	42
85	Progressive cortical thinning and subcortical atrophy in dementia with Lewy bodies and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 1743-1750.	1.5	42
86	Human Auditory Cortex Neurochemistry Reflects the Presence and Severity of Tinnitus. <i>Journal of Neuroscience</i> , 2015, 35, 14822-14828.	1.7	41
87	The influence of hippocampal atrophy on the cognitive phenotype of dementia with Lewy bodies. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, 1182-1189.	1.3	41
88	Prospective cohort study of early biosignatures of response to lithium in bipolar-I-disorders: overview of the H2020-funded R-LiNK initiative. <i>International Journal of Bipolar Disorders</i> , 2019, 7, 20.	0.8	41
89	Grey and white matter differences in Chronic Fatigue Syndrome — A voxel-based morphometry study. <i>NeuroImage: Clinical</i> , 2018, 17, 24-30.	1.4	40
90	Echo-planar imaging of the human fetus in utero. <i>Magnetic Resonance in Medicine</i> , 1990, 13, 314-318.	1.9	39

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91	Detection of the inhibitory neurotransmitter GABA in macrophages by magnetic resonance spectroscopy. <i>Journal of Leukocyte Biology</i> , 2005, 78, 393-400.	1.5	39
92	Characterisation and evaluation of paramagnetic fluorine labelled glycol chitosan conjugates for <sup>19</sup> F and <sup>1</sup> H magnetic resonance imaging. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 215-227.	1.1	39
93	Prolonged monitoring of the upper gastrointestinal tract using echo planar magnetic resonance imaging.. <i>Gut</i> , 1993, 34, 848-852.	6.1	38
94	Subcortical connectivity in dementia with Lewy bodies and Alzheimer's disease. <i>British Journal of Psychiatry</i> , 2013, 203, 209-214.	1.7	38
95	Correlating magnetic resonance imaging markers of axonal injury and demyelination in motor impairment secondary to stroke and multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2000, 18, 369-378.	1.0	37
96	Analysis of the factors influencing the cardiac phenotype in Friedreich's ataxia. <i>Movement Disorders</i> , 2010, 25, 846-852.	2.2	36
97	Role of ischaemia in the genesis of oedema surrounding meningiomas assessed using magnetic resonance imaging and spectroscopy. <i>British Journal of Neurosurgery</i> , 1998, 12, 414-418.	0.4	35
98	Hepatic cholesteryl ester accumulation in lysosomal acid lipase deficiency: Non-invasive identification and treatment monitoring by magnetic resonance. <i>Journal of Hepatology</i> , 2013, 59, 543-549.	1.8	35
99	Magnetic Resonance Spectroscopy for Traumatic Brain Injury. <i>Topics in Magnetic Resonance Imaging</i> , 2015, 24, 267-274.	0.7	35
100	Cardiomyopathy is common in patients with the mitochondrial DNA m.3243A>G mutation and correlates with mutation load. <i>Neuromuscular Disorders</i> , 2012, 22, 592-596.	0.3	34
101	Elimination of Nyquist ghosting caused by read-out to phase-encode gradient cross-terms in EPI. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 337-343.	1.9	33
102	A new paramagnetically shifted imaging probe for MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1307-1317.	1.9	33
103	Impaired cardiac function in chronic fatigue syndrome measured using magnetic resonance cardiac tagging. <i>Journal of Internal Medicine</i> , 2012, 271, 264-270.	2.7	32
104	Functional Magnetic Resonance Imaging. <i>British Journal of Psychiatry</i> , 1994, 164, 2-7.	1.7	31
105	Image reconstruction of sequentially sampled echo-planar data. <i>Magnetic Resonance Imaging</i> , 1995, 13, 97-103.	1.0	31
106	MRI and MRS alterations in the preclinical phase of murine prion disease: Association with neuropathological and behavioural changes. <i>Neurobiology of Disease</i> , 2007, 26, 707-717.	2.1	31
107	Assessment of Regional Gray Matter Loss in Dementia with Lewy Bodies: A Surface-Based MRI Analysis. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 38-46.	0.6	31
108	Subcortical volume changes in dementia with Lewy bodies and Alzheimer's disease. A comparison with healthy aging. <i>International Psychogeriatrics</i> , 2016, 28, 529-536.	0.6	31

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109	Non-invasive imaging of single human motor units. <i>Clinical Neurophysiology</i> , 2020, 131, 1399-1406.	0.7	31
110	Concentric hypertrophic remodelling and subendocardial dysfunction in mitochondrial DNA point mutation carriers. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 650-658.	0.5	30
111	Normal age-related changes in left ventricular function: Role of afterload and subendocardial dysfunction. <i>International Journal of Cardiology</i> , 2016, 223, 306-312.	0.8	30
112	Long-Term Blocking of Calcium Channels in mdx Mice Results in Differential Effects on Heart and Skeletal Muscle. <i>American Journal of Pathology</i> , 2011, 178, 273-283.	1.9	29
113	Testing Visual Perception in Dementia with Lewy Bodies and Alzheimer Disease. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 501-508.	0.6	28
114	Functional magnetic resonance imaging of human motor unit fasciculation in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2019, 85, 455-459.	2.8	28
115	Maternal antibody-mediated dyslexia? Evidence for a pathogenic serum factor in a mother of two dyslexic children shown by transfer to mice using behavioural studies and magnetic resonance spectroscopy. <i>Journal of Neuroimmunology</i> , 2002, 130, 243-247.	1.1	27
116	Abnormal cardiac energetics in patients carrying the A3243G mtDNA mutation measured in vivo using phosphorus MR spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1657, 146-150.	0.5	27
117	Does posterior cortical atrophy on MRI discriminate between Alzheimer's disease, dementia with Lewy bodies, and normal aging?. <i>International Psychogeriatrics</i> , 2013, 25, 111-119.	0.6	27
118	Extraocular Muscle Atrophy and Central Nervous System Involvement in Chronic Progressive External Ophthalmoplegia. <i>PLoS ONE</i> , 2013, 8, e75048.	1.1	27
119	Effect of Physical Activity on Age-Related Changes in Cardiac Function and Performance in Women. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	27
120	Measurement of pulse wave velocity in normal ageing: comparison of Vicorder and magnetic resonance phase contrast imaging. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 50.	0.7	27
121	Longitudinal diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 24, 76-80.	1.1	27
122	Proton spectroscopy of human stroke: Assessment of transverse relaxation times and partial volume effects in single volume STEAM MRS. <i>Magnetic Resonance Imaging</i> , 1994, 12, 1227-1235.	1.0	26
123	Diffusion tensor imaging in Alzheimer's disease and dementia with Lewy bodies. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 176-183.	0.9	26
124	Simultaneous Triple Imaging with Two PARASHIFT Probes: Encoding Anatomical, pH and Temperature Information using Magnetic Resonance Shift Imaging. <i>Chemistry - A European Journal</i> , 2017, 23, 7976-7989.	1.7	26
125	Mitochondrial Dysfunction in Friedreich's Ataxia: From Pathogenesis to Treatment Perspectives. <i>Free Radical Research</i> , 2002, 36, 461-466.	1.5	25
126	Evidence That Increased 5-HT Release Evokes Region-Specific Effects on Blood-Oxygenation Level-Dependent Functional Magnetic Resonance Imaging Responses in the Rat Brain. <i>Neuroscience</i> , 2009, 159, 751-759.	1.1	24

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127	Levothyroxine Improves Abnormal Cardiac Bioenergetics in Subclinical Hypothyroidism: A Cardiac Magnetic Resonance Spectroscopic Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E607-E610.	1.8	24
128	3D <sup>7</sup> Li magnetic resonance imaging of brain lithium distribution in bipolar disorder. <i>Molecular Psychiatry</i> , 2018, 23, 2184-2191.	4.1	24
129	Impaired cerebral autoregulation in primary biliary cirrhosis: implications for the pathogenesis of cognitive decline. <i>Liver International</i> , 2010, 30, 878-885.	1.9	23
130	MR approaches in neurodegenerative disorders. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2018, 108, 1-16.	3.9	23
131	Cognitive impairment appears progressive in the mdx mouse. <i>Neuromuscular Disorders</i> , 2020, 30, 368-388.	0.3	22
132	Measurement of myocardial pH by saturation transfer in man. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 198-203.	1.9	21
133	Progressive Brain Iron Accumulation in Neuroferritinopathy Measured by the Thalamic T2* Relaxation Rate. <i>American Journal of Neuroradiology</i> , 2012, 33, 1810-1813.	1.2	21
134	Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. <i>British Journal of Radiology</i> , 1990, 63, 430-437.	1.0	20
135	Disease activity and cognition in rheumatoid arthritis: an open label pilot study. <i>Arthritis Research and Therapy</i> , 2012, 14, R263.	1.6	20
136	Does attentional dysfunction and thalamic atrophy predict decline in dementia with Lewy bodies?. <i>Parkinsonism and Related Disorders</i> , 2017, 45, 69-74.	1.1	20
137	Assessment of disease progression in dysferlinopathy. <i>Neurology</i> , 2019, 92, .	1.5	20
138	Early deviation from normal structural connectivity. <i>Neurology</i> , 2020, 94, e1021-e1026.	1.5	20
139	Observation of cerebrospinal fluid flow with echo-planar magnetic resonance imaging. <i>British Journal of Radiology</i> , 1991, 64, 89-97.	1.0	19
140	Acute Astrocyte Activation in Brain Detected by Mri: New Insights into T1 Hypointensity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 621-632.	2.4	19
141	Neuroadaptive responses to citalopram in rats using pharmacological magnetic resonance imaging. <i>Psychopharmacology</i> , 2011, 213, 521-531.	1.5	19
142	Cerebral vascular control is associated with skeletal muscle pH in chronic fatigue syndrome patients both at rest and during dynamic stimulation. <i>NeuroImage: Clinical</i> , 2013, 2, 168-173.	1.4	19
143	RITPBC: B-cell depleting therapy (rituximab) as a treatment for fatigue in primary biliary cirrhosis: study protocol for a randomised controlled trial: Figure 1. <i>BMJ Open</i> , 2015, 5, e007985.	0.8	19
144	Teenage exercise is associated with earlier symptom onset in dysferlinopathy: a retrospective cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1224-1226.	0.9	19

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145	The effect of bulk susceptibility on murine snapshot imaging at 7.0 T: A comparison of snapshot imaging techniques. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 747-755.	1.9	18
146	Region-specific effects of a tyrosine-free amino acid mixture on amphetamine-induced changes in BOLD fMRI signal in the rat brain. <i>Synapse</i> , 2007, 61, 925-932.	0.6	18
147	Normal Cortical Energy Metabolism in Migrainous Stroke. <i>Stroke</i> , 2009, 40, 3740-3744.	1.0	18
148	Beta-Blockers, Left and Right Ventricular Function, and In-Vivo Calcium Influx in Muscular Dystrophy Cardiomyopathy. <i>PLoS ONE</i> , 2013, 8, e57260.	1.1	18
149	Miyoshi myopathy and limb girdle muscular dystrophy R2 are the same disease. <i>Neuromuscular Disorders</i> , 2021, 31, 265-280.	0.3	18
150	Cortical and Subcortical Changes in Alzheimer's Disease: A Longitudinal and Quantitative MRI Study. <i>Current Alzheimer Research</i> , 2016, 13, 534-544.	0.7	18
151	Does efavirenz replacement improve neurological function in treated HIV infection?. <i>HIV Medicine</i> , 2017, 18, 690-695.	1.0	17
152	Assessing Dysferlinopathy Patients Over Three Years With a New Motor Scale. <i>Annals of Neurology</i> , 2021, 89, 967-978.	2.8	17
153	PRESERVE: Randomized Trial of Intensive Versus Standard Blood Pressure Control in Small Vessel Disease. <i>Stroke</i> , 2021, 52, 2484-2493.	1.0	17
154	4D flow MRI assessment of right atrial flow patterns in the normal heart – influence of caval vein arrangement and implications for the patent foramen ovale. <i>PLoS ONE</i> , 2017, 12, e0173046.	1.1	16
155	In vivo monitoring of rat brain metabolites during vigabatrin treatment using localized 2D-COSY. <i>NMR in Biomedicine</i> , 2003, 16, 47-54.	1.6	15
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