David G Norris

List of Publications by Year
in descending order

172	12,585	28274	30922
papers	citations	55 h-index	102 g-index

182	182	182	12966
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biexponential diffusion attenuation in various states of brain tissue: Implications for diffusion-weighted imaging. Magnetic Resonance in Medicine, 1996, 36, 847-857.	3.0	534
2	An Investigation of Functional and Anatomical Connectivity Using Magnetic Resonance Imaging. NeuroImage, 2002, 16, 241-250.	4.2	443
3	Simultaneous multislice (SMS) imaging techniques. Magnetic Resonance in Medicine, 2016, 75, 63-81.	3.0	420
4	Neuronal Dynamics Underlying High- and Low-Frequency EEG Oscillations Contribute Independently to the Human BOLD Signal. Neuron, 2011, 69, 572-583.	8.1	408
5	BOLD contrast sensitivity enhancement and artifact reduction with multiecho EPI: Parallel-acquired inhomogeneity-desensitized fMRI. Magnetic Resonance in Medicine, 2006, 55, 1227-1235.	3.0	399
6	Persistent schema-dependent hippocampal-neocortical connectivity during memory encoding and postencoding rest in humans. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7550-7555.	7.1	383
7	Frontal theta EEG activity correlates negatively with the default mode network in resting state. International Journal of Psychophysiology, 2008, 67, 242-251.	1.0	348
8	Pros and cons of ultra-high-field MRI/MRS for human application. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 109, 1-50.	7.5	331
9	Trial-by-trial coupling between EEG and BOLD identifies networks related to alpha and theta EEG power increases during working memory maintenance. NeuroImage, 2009, 44, 1224-1238.	4.2	313
10	Selective Activation of the Deep Layers of the Human Primary Visual Cortex by Top-Down Feedback. Current Biology, 2016, 26, 371-376.	3.9	310
11	Evolution of Regional Changes in Apparent Diffusion Coefficient during Focal Ischemia of Rat Brain: The Relationship of Quantitative Diffusion NMR Imaging to Reduction in Cerebral Blood Flow and Metabolic Disturbances. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 1002-1011.	4.3	304
12	Loss of white matter integrity is associated with gait disorders in cerebral small vessel disease. Brain, 2011, 134, 73-83.	7.6	246
13	The effects of microscopic tissue parameters on the diffusion weighted magnetic resonance imaging experiment. NMR in Biomedicine, 2001, 14, 77-93.	2.8	202
14	Layerâ€specific BOLD activation in human V1. Human Brain Mapping, 2010, 31, 1297-1304.	3.6	190
15	Topographical Functional Connectivity Pattern in the Perisylvian Language Networks. Cerebral Cortex, 2010, 20, 549-560.	2.9	176
16	Occipital Alpha Activity during Stimulus Processing Gates the Information Flow to Object-Selective Cortex. PLoS Biology, 2014, 12, e1001965.	5.6	175
17	On the application of ultra-fast rare experiments. Magnetic Resonance in Medicine, 1992, 27, 142-164.	3.0	172
18	High field human imaging. Journal of Magnetic Resonance Imaging, 2003, 18, 519-529.	3.4	166

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19	Quantifying the spatial resolution of the gradient echo and spin echo BOLD response at 3 Tesla. Magnetic Resonance in Medicine, 2005, 54, 1465-1472.	3.0	163
20	Causes and consequences of cerebral small vessel disease. The RUN DMC study: a prospective cohort study. Study rationale and protocol. BMC Neurology, 2011, 11, 29.	1.8	154
21	Principles of magnetic resonance assessment of brain function. Journal of Magnetic Resonance Imaging, 2006, 23, 794-807.	3.4	153
22	Multi-echo fMRI of the cortical laminae in humans at 7T. NeuroImage, 2011, 56, 1276-1285.	4.2	152
23	Reduced power multislice MDEFT imaging. Journal of Magnetic Resonance Imaging, 2000, 11, 445-451.	3.4	151
24	Abnormal whole-brain functional networks in homogeneous acute mild traumatic brain injury. Neurology, 2012, 79, 175-182.	1.1	148
25	Relationship Between White Matter Hyperintensities, Cortical Thickness, and Cognition. Stroke, 2015, 46, 425-432.	2.0	147
26	The relationship between oscillatory EEG activity and the laminar-specific BOLD signal. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6761-6766.	7.1	147
27	White matter integrity in small vessel disease is related to cognition. NeuroImage: Clinical, 2015, 7, 518-524.	2.7	143
28	Healthy and infarcted brain tissues studied at short diffusion times: The origins of apparent restriction and the reduction in apparent diffusion coefficient. NMR in Biomedicine, 1994, 7, 304-310.	2.8	139
29	Cigarette smoking is associated with reduced microstructural integrity of cerebral white matter. Brain, 2011, 134, 2116-2124.	7.6	139
30	A cortical vascular model for examining the specificity of the laminar BOLD signal. NeuroImage, 2016, 132, 491-498.	4.2	136
31	Combining EEG and fMRI to investigate the post-movement beta rebound. NeuroImage, 2006, 29, 685-696.	4.2	130
32	Modulation of Visually Evoked Cortical fMRI Responses by Phase of Ongoing Occipital Alpha Oscillations. Journal of Neuroscience, 2011, 31, 3813-3820.	3.6	126
33	Structural network connectivity and cognition in cerebral small vessel disease. Human Brain Mapping, 2016, 37, 300-310.	3.6	122
34	Investigating the benefits of multi-echo EPI for fMRI at 7ÂT. NeuroImage, 2009, 45, 1162-1172.	4.2	121
35	An Investigation of the Value of Spin-Echo-Based fMRI Using a Stroop Colorâ€“Word Matching Task and EPI at 3 T. NeuroImage, 2002, 15, 719-726.	4.2	118
36	Power independent of number of slices (PINS) radiofrequency pulses for lowâ€power simultaneous multislice excitation. Magnetic Resonance in Medicine, 2011, 66, 1234-1240.	3.0	110

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37	Concomitant magnetic field gradients and their effects on imaging at low magnetic field strengths. Magnetic Resonance Imaging, 1990, 8, 33-37.	1.8	107
38	Structural network efficiency predicts conversion to dementia. Neurology, 2016, 86, 1112-1119.	1.1	103
39	Advances in High-Field Magnetic Resonance Imaging. Annual Review of Biomedical Engineering, 2004, 6, 157-184.	12.3	101
40	Implications of bulk motion for diffusion-weighted imaging experiments: Effects, mechanisms, and solutions. Journal of Magnetic Resonance Imaging, 2001, 13, 486-495.	3.4	92
41	Nonlinear temporal dynamics of cerebral small vessel disease. Neurology, 2017, 89, 1569-1577.	1.1	89
42	Functional connectivity between brain regions involved in learning words of a new language. Brain and Language, 2010, 113, 21-27.	1.6	87
43	Default Mode Network Connectivity in Stroke Patients. PLoS ONE, 2013, 8, e66556.	2.5	87
44	Cerebral small vessel disease and incident parkinsonism. Neurology, 2015, 85, 1569-1577.	1.1	85
45	Diffusion tensor imaging and cognition in cerebral small vessel disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 401-407.	3.8	79
46	Ultrafast Low-Angle RARE: U-FLARE. Magnetic Resonance in Medicine, 1991, 17, 539-542.	3.0	76
47	Hypertension and Cerebral Diffusion Tensor Imaging in Small Vessel Disease. Stroke, 2010, 41, 2801-2806.	2.0	76
48	Physical activity is related to the structural integrity of cerebral white matter. Neurology, 2013, 81, 971-976.	1.1	76
49	Spin-echo fMRI: The poor relation?. NeuroImage, 2012, 62, 1109-1115.	4.2	72
50	Laminar Organization of Working Memory Signals in Human Visual Cortex. Current Biology, 2018, 28, 3435-3440.e4.	3.9	71
51	Quantifying the intra- and extravascular contributions to spin-echo fMRI at 3 T. Magnetic Resonance in Medicine, 2004, 52, 724-732.	3.0	68
52	Progression of White Matter Hyperintensities Preceded by Heterogeneous Decline of Microstructural Integrity. Stroke, 2018, 49, 1386-1393.	2.0	66
53	Detection of apparent restricted diffusion in healthy rat brain at short diffusion times. Magnetic Resonance in Medicine, 1994, 32, 672-677.	3.0	65
54	Superselective pseudocontinuous arterial spin labeling. Magnetic Resonance in Medicine, 2010, 64, 777-786.	3.0	65

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55	Disruption of rich club organisation in cerebral small vessel disease. Human Brain Mapping, 2017, 38, 1751-1766.	3.6	64
56	Inability to directly detect magnetic field changes associated with neuronal activity. Magnetic Resonance in Medicine, 2007, 57, 411-416.	3.0	62
57	Laminar specific fMRI reveals directed interactions in distributed networks during language processing. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21185-21190.	7.1	62
58	Fast spin echo sequences for BOLD functional MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2007, 20, 11-17.	2.0	59
59	Diffusion tensor characteristics of gyrencephaly using high resolution diffusion MRI in vivo at 7T. NeuroImage, 2015, 109, 378-387.	4.2	59
60	Improved sensitivity and specificity for resting state and task fMRI with multiband multi-echo EPI compared to multi-echo EPI at 7 T. NeuroImage, 2015, 119, 352-361.	4.2	58
61	Magnetization transfer affects the proton creatine/phosphocreatine signal intensity:In vivo demonstration in the rat brain. Magnetic Resonance in Medicine, 1994, 31, 81-84.	3.0	57
62	Velocity Selective Radiofrequency Pulse Trains. Journal of Magnetic Resonance, 1999, 137, 231-236.	2.1	56
63	Functional perfusion imaging using continuous arterial spin labeling with separate labeling and imaging coils at 3 T. Magnetic Resonance in Medicine, 2003, 49, 791-795.	3.0	56
64	Whole brain, high resolution spin-echo resting state fMRI using PINS multiplexing at 7T. NeuroImage, 2012, 62, 1939-1946.	4.2	56
65	A qualitative test of the balloon model for BOLD-based MR signal changes at 3T. Magnetic Resonance in Medicine, 2001, 46, 891-899.	3.0	53
66	Diffusion Tensor Imaging and Gait in Elderly Persons With Cerebral Small Vessel Disease. Stroke, 2011, 42, 373-379.	2.0	53
67	Characterising resting-state functional connectivity in a large sample of adults with ADHD. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 67, 82-91.	4.8	53
68	Continuous arteryâ€selective spin labeling (CASSL). Magnetic Resonance in Medicine, 2005, 53, 1006-1012.	3.0	52
69	Risk factors and prognosis of young stroke. The FUTURE study: A prospective cohort study. Study rationale and protocol. BMC Neurology, 2011, 11, 109.	1.8	51
70	Adiabatic radiofrequency pulse forms in biomedical nuclear magnetic resonance. Concepts in Magnetic Resonance, 2002, 14, 89-101.	1.3	50
71	Fast proton spectroscopic imaging using the slicedk-space method. Magnetic Resonance in Medicine, 1993, 30, 641-645.	3.0	46
72	White Matter Integrity and Depressive Symptoms in Cerebral Small Vessel Disease: The RUN DMC Study. American Journal of Geriatric Psychiatry, 2015, 23, 525-535.	1.2	46

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73	Topographic Hub Maps of the Human Structural Neocortical Network. PLoS ONE, 2013, 8, e65511.	2.5	46
74	Abnormal connectivity in the sensorimotor network predicts attention deficits in traumatic brain injury. Experimental Brain Research, 2017, 235, 799-807.	1.5	45
75	Laminar (f)MRI: A short history and future prospects. NeuroImage, 2019, 197, 643-649.	4.2	45
76	Online motion correction for diffusion-weighted imaging using navigator echoes: Application to RARE imaging without sensitivity loss. Magnetic Resonance in Medicine, 2001, 45, 729-733.	3.0	44
77	Reduced BOLD response to periodic visual stimulation. NeuroImage, 2004, 21, 236-243.	4.2	43
78	The Structural Connectivity Underpinning Language Aptitude, Working Memory, and IQ in the Perisylvian Language Network. Language Learning, 2012, 62, 110-130.	2.7	43
79	Factors Associated With 8-Year Mortality in Older Patients With Cerebral Small Vessel Disease. JAMA Neurology, 2016, 73, 402.	9.0	43
80	An assessment of eddy current sensitivity and correction in single-shot diffusion-weighted imaging. Physics in Medicine and Biology, 2000, 45, 3821-3832.	3.0	42
81	Continuous arterial spin labeling using a local magnetic field gradient coil. Magnetic Resonance in Medicine, 2002, 48, 543-546.	3.0	42
82	Application of PINS radiofrequency pulses to reduce power deposition in RARE/turbo spin echo imaging of the human head. Magnetic Resonance in Medicine, 2014, 71, 44-49.	3.0	42
83	Whole brain, high resolution multiband spin-echo EPI fMRI at 7T: A comparison with gradient-echo EPI using a color-word Stroop task. NeuroImage, 2014, 97, 142-150.	4.2	42
84	Slice accelerated diffusionâ€weighted imaging at ultraâ€high field strength. Magnetic Resonance in Medicine, 2014, 71, 1518-1525.	3.0	41
85	How to choose the right MR sequence for your research question at 7 T and above?. NeuroImage, 2018, 168, 119-140.	4.2	41
86	White Matter and Hippocampal Volume Predict the Risk of Dementia in Patients withÂCerebral Small Vessel Disease: TheÂRUN DMC Study. Journal of Alzheimer's Disease, 2015, 49, 863-873.	2.6	40
87	Similar Subgroups Based on Cognitive Performance Parse Heterogeneity in Adults With ADHD and Healthy Controls. Journal of Attention Disorders, 2018, 22, 281-292.	2.6	40
88	Diffusion tensor imaging of the hippocampus and verbal memory performance: The RUN DMC Study. Human Brain Mapping, 2012, 33, 542-551.	3.6	39
89	Hypertension is Related to the Microstructure of the Corpus Callosum: The RUN DMC Study. Journal of Alzheimer's Disease, 2012, 32, 623-631.	2.6	38
90	A simple method of generating variable T1 contrast images using temporally reordered phase encoding. Magnetic Resonance in Medicine, 1990, 15, 483-490.	3.0	37

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91	T1 snapshot flash measurement of rat brain glioma: kinetics of the tumor-enhancing contrast agent manganese (iii) tetraphenylporphine sulfonate. Magnetic Resonance in Medicine, 1992, 27, 201-213.	3.0	35
92	3D singleâ€shot VASO using a maxwell gradient compensated GRASE sequence. Magnetic Resonance in Medicine, 2009, 62, 255-262.	3.0	34
93	T₂-weighted 3D fMRI using S₂-SSFP at 7 tesla. Magnetic Resonance in Medicine, 2010, 63, 1015-1020.	3.0	34
94	A dual echo approach to removing motion artefacts in fMRI time series. NMR in Biomedicine, 2009, 22, 551-560.	2.8	33
95	Multi-shell Diffusion MRI Models for White Matter Characterization in Cerebral Small Vessel Disease. Neurology, 2021, 96, e698-e708.	1.1	33
96	Fast proton spectroscopic imaging employing kâ€space weighting achieved by variable repetition times. Magnetic Resonance in Medicine, 1996, 35, 457-464.	3.0	32
97	Use of Short Intertrial Intervals in Single-Trial Experiments: A 3T fMRI-Study. NeuroImage, 1998, 8, 327-339.	4.2	32
98	Superselective arterial spin labeling applied for flow territory mapping in various cerebrovascular diseases. Journal of Magnetic Resonance Imaging, 2013, 38, 496-503.	3.4	31
99	Determination of Cerebrovascular Reactivity by Means of fMRI Signal Changes in Cerebral Microangiopathy: A Correlation with Morphological Abnormalities. Cerebrovascular Diseases, 2003, 16, 158-165.	1.7	30
100	Interpretation of DW-NMR data: Dependence on experimental conditions. NMR in Biomedicine, 1995, 8, 280-288.	2.8	29
101	Efficiency of flow-driven adiabatic spin inversion under realistic experimental conditions: A computer simulation. Magnetic Resonance in Medicine, 2004, 51, 1187-1193.	3.0	29
102	Recommended responsibilities for management of MR safety. Journal of Magnetic Resonance Imaging, 2016, 44, 1067-1069.	3.4	28
103	Memory decline in elderly with cerebral small vessel disease explained by temporal interactions between white matter hyperintensities and hippocampal atrophy. Hippocampus, 2019, 29, 500-510.	1.9	28
104	Structural network changes in cerebral small vessel disease. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 196-203.	1.9	28
105	An analysis of the effects of short T2 values on the hyperbolic-secant pulse. Journal of Magnetic Resonance, 1991, 92, 94-101.	0.5	27
106	The contribution of acute infarcts to cerebral small vessel disease progression. Annals of Neurology, 2019, 86, 582-592.	5.3	27
107	A novel fast split-echo multi-shot diffusion-weighted MRI method using navigator echoes. Magnetic Resonance in Medicine, 1999, 41, 734-742.	3.0	26
108	The traveling heads: multicenter brain imaging at 7 Tesla. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 399-415.	2.0	26

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109	Continuous arterial spin labeling at the human common carotid artery: the influence of transit times. NMR in Biomedicine, 2005, 18, 19-23.	2.8	25
110	Is there a change in water proton density associated with functional magnetic resonance imaging?. Magnetic Resonance in Medicine, 2005, 53, 470-473.	3.0	25
111	Characterization of Middle Cerebral Artery Occlusion Infarct Development in the Rat Using Fast Nuclear Magnetic Resonance Proton Spectroscopic Imaging and Diffusion-Weighted Imaging. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 749-757.	4.3	24
112	L2-Proficiency-Dependent Laterality Shift in Structural Connectivity of Brain Language Pathways. Brain Connectivity, 2015, 5, 349-361.	1.7	24
113	Laminar signal extraction over extended cortical areas by means of a spatial GLM. PLoS ONE, 2019, 14, e0212493.	2.5	24
114	Memoryâ€Related Hippocampal Activity Can Be Measured Robustly Using fMRI at 7 Tesla. Journal of Neuroimaging, 2013, 23, 445-451.	2.0	23
115	The increase in medial prefrontal glutamate/glutamine concentration during memory encoding is associated with better memory performance and stronger functional connectivity in the human medial prefrontalâ€“thalamusâ€“hippocampus network. Human Brain Mapping, 2018, 39, 2381-2390.	3.6	23
116	Measurement of activation-related changes in cerebral blood volume: VASO with single-shot HASTE acquisition. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2007, 20, 63-67.	2.0	22
117	Application of wholeâ€brain CBVâ€weighted fMRI to a cognitive stimulation paradigm: Robust activation detection in a stroop task experiment using 3D GRASE VASO. Human Brain Mapping, 2011, 32, 974-981.	3.6	22
118	Higher GABA concentration in the medial prefrontal cortex of Type 2 diabetes patients is associated with episodic memory dysfunction. Human Brain Mapping, 2019, 40, 4287-4295.	3.6	22
119	Characterization of Cerebral Small Vessel Disease by Proton Spectroscopy and Morphological Magnetic Resonance. Cerebrovascular Diseases, 2001, 12, 82-90.	1.7	21
120	Improving the amplitude-modulated control experiment for multislice continuous arterial spin labeling. Magnetic Resonance in Medicine, 2005, 53, 1096-1102.	3.0	21
121	BOLD fMRI signal characteristics of S1- and S2-SSFP at 7 Tesla. Frontiers in Neuroscience, 2014, 8, 49.	2.8	21
122	Multiband multislab 3<scp>D</scp> timeâ€ofâ€flight magnetic resonance angiography for reduced acquisition time and improved sensitivity. Magnetic Resonance in Medicine, 2016, 75, 1662-1668.	3.0	21
123	A comparison of sLASER and MEGA-sLASER using simultaneous interleaved acquisition for measuring GABA in the human brain at 7T. PLoS ONE, 2019, 14, e0223702.	2.5	21
124	A comparison of signal instability in 2D and 3D EPI resting-state fMRI. NMR in Biomedicine, 2005, 18, 534-542.	2.8	20
125	Selective parity RARE imaging. Magnetic Resonance in Medicine, 2007, 58, 643-649.	3.0	19
126	Alterations and testâ€“retest reliability of functional connectivity network measures in cerebral small vessel disease. Human Brain Mapping, 2020, 41, 2629-2641.	3.6	19

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127	Structure Tensor Informed Fiber Tractography (STIFT) by combining gradient echo MRI and diffusion weighted imaging. NeuroImage, 2012, 59, 3941-3954.	4.2	17
128	Structural network efficiency predicts cognitive decline in cerebral small vessel disease. NeuroImage: Clinical, 2020, 27, 102325.	2.7	17
129	Aerobic Activity in the Healthy Elderly Is Associated with Larger Plasticity in Memory Related Brain Structures and Lower Systemic Inflammation. Frontiers in Aging Neuroscience, 2016, 08, 319.	3.4	16
130	Exploring the postâ€stimulus undershoot with spinâ€echo fMRI: Implications for models of neurovascular response. Human Brain Mapping, 2011, 32, 141-153.	3.6	15
131	Diffusion tensor imaging and mild parkinsonian signs in cerebral small vessel disease. Neurobiology of Aging, 2012, 33, 2106-2112.	3.1	15
132	A half-century of innovation in technologyâ€"preparing MRI for the 21st century. British Journal of Radiology, 2020, 93, 20200113.	2.2	15
133	Dynamic imaging with contrast using U-FLARE. Magnetic Resonance Imaging, 1993, 11, 921-924.	1.8	14
134	Characterization of cerebral microangiopathy using 3 Tesla MRI: Correlation with neurological impairment and vascular risk factors. Journal of Magnetic Resonance Imaging, 2002, 15, 1-7.	3.4	14
135	Simultaneous multislice inversion contrast imaging using power independent of the number of slices (PINS) and delays alternating with nutation for tailored excitation (DANTE) radio frequency pulses. Magnetic Resonance in Medicine, 2013, 69, 1670-1676.	3.0	14
136	Investigating the origin and evolution of cerebral small vessel disease: The RUN DMC â€“ InTENse study. European Stroke Journal, 2018, 3, 369-378.	5.5	14
137	The role of small diffusion-weighted imaging lesions in cerebral small vessel disease. Neurology, 2019, 93, 10.1212/WNL.0000000000008364.	1.1	14
138	GRASE imaging at 3 Tesla with template interactive phaseâ€"encoding. Magnetic Resonance in Medicine, 1998, 39, 970-979.	3.0	12
139	Probabilistic Inference on Q-ball Imaging Data. IEEE Transactions on Medical Imaging, 2007, 26, 1515-1524.	8.9	12
140	Selective multivessel labeling approach for perfusion territory imaging in pseudoâ€continuous arterial spin labeling. Magnetic Resonance in Medicine, 2012, 68, 214-219.	3.0	12
141	Porcupine: A visual pipeline tool for neuroimaging analysis. PLoS Computational Biology, 2018, 14, e1006064.	3.2	12
142	Variable excitation angle AFP pulses. Magnetic Resonance in Medicine, 1989, 9, 435-440.	3.0	11
143	Fast modelâ€based T₂ mapping using SARâ€reduced simultaneous multislice excitation. Magnetic Resonance in Medicine, 2019, 82, 2090-2103.	3.0	11
144	Functional connectivity of the Precuneus reflects effectiveness of visual restitution training in chronic hemianopia. NeuroImage: Clinical, 2020, 27, 102292.	2.7	11

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145	Projective Fourier angiography. Magnetic Resonance in Medicine, 1988, 7, 1-10.	3.0	10
146	Application of double voxel functional spectroscopy to event-related cognitive experiments. Magnetic Resonance in Medicine, 1999, 41, 217-223.	3.0	10
147	Extraction of Task-Related Activation From Multi-Echo BOLD fMRI. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 954-964.	10.8	10
148	Estimation of laminar BOLD activation profiles using deconvolution with a physiological point spread function. Journal of Neuroscience Methods, 2021, 353, 109095.	2.5	10
149	Early changes in apparent diffusion coefficient of rat brain following total circulatory arrest. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1994, 2, 39-42.	2.0	9
150	Perfusion territory imaging of intracranial branching arteries â€“ optimization of continuous arteryâ€selective spin labeling (CASSL). NMR in Biomedicine, 2011, 24, 404-412.	2.8	9
151	Multiband echoâ€shifted echo planar imaging. Magnetic Resonance in Medicine, 2017, 77, 1981-1986.	3.0	9
152	Systematic validation of structural brain networks in cerebral small vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1020-1032.	4.3	9
153	Baseline Cerebral Small Vessel Disease Is Not Associated with Gait Decline After Five Years. Movement Disorders Clinical Practice, 2017, 4, 374-382.	1.5	8
154	Cohort study ON Neuroimaging, Etiology and Cognitive consequences of Transient neurological attacks (CONNECT): study rationale and protocol. BMC Neurology, 2015, 15, 36.	1.8	7
155	Clinical application of Half Fourier Acquisition Single Shot Turbo Spin Echo (HASTE) imaging accelerated by simultaneous multi-slice acquisition. European Journal of Radiology, 2018, 98, 200-206.	2.6	7
156	Mechanism and echo time dependence of the fast response in FMR. Magnetic Resonance in Medicine, 1997, 38, 1-6.	3.0	6
157	Single-shot curved slice imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2002, 14, 50-55.	2.0	6
158	Improved cortical boundary registration for locally distorted fMRI scans. PLoS ONE, 2019, 14, e0223440.	2.5	6
159	An in-vivo study of BOLD laminar responses as a function of echo time and static magnetic field strength. Scientific Reports, 2021, 11, 1862.	3.3	6
160	Effect of linewidth on estimation of metabolic concentration when using water lineshape spectral model fitting for single voxel proton spectroscopy at 7â€¯T. Journal of Magnetic Resonance, 2019, 304, 53-61.	2.1	5
161	Excitation angle optimization for snapshot FLASH and a signal comparison with EPI. Journal of Magnetic Resonance, 1991, 91, 190-193.	0.5	4
162	Structure tensor informed fibre tractography at 3T. Human Brain Mapping, 2018, 39, 4440-4451.	3.6	4

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163	Risk of Nursing Home Admission in Cerebral Small Vessel Disease. Stroke, 2018, 49, 2659-2665.	2.0	3
164	Single-subject Single-session Temporally-Independent Functional Modes of Brain Activity. NeuroImage, 2020, 218, 116783.	4.2	3
165	Pulse Sequences for fMRI. Biological Magnetic Resonance, 2015, , 131-162.	0.4	3
166	Playing it too safe?. Nature Physics, 2006, 2, 358-360.	16.7	2
167	Introductory editorial. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 1-2.	2.0	2
168	Implications of the magnetic susceptibility difference between grey and white matter for single-voxel proton spectroscopy at 7â€¯T. Journal of Magnetic Resonance, 2018, 297, 51-60.	2.1	2
169	Brain atrophy and strategic lesion location increases risk of parkinsonism in cerebral small vessel disease. Parkinsonism and Related Disorders, 2019, 61, 94-100.	2.2	2
170	MASEâ€sLASER, a shortâ€TE, matched chemical shift displacement error sequence for singleâ€voxel spectroscopy at ultrahigh field. NMR in Biomedicine, 2018, 31, e3940.	2.8	1
171	This house proposes that low field and high field MRI are by destiny worst enemies, and can never be the best of friends!. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 475-477.	2.0	1
172	Report on the hot topic debate at ESMRMB 2021. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 775-778.	2.0	0