

Yulin Ge

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

5,733
citations

36
h-index

75
g-index

101
ext. papers

6,378
ext. citations

6.2
avg, IF

5.25
L-index

#	Paper	IF	Citations
87	Usefulness of diffusion-weighted MRI with echo-planar technique in the evaluation of cellularity in gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 9, 53-60	5.6	937
86	Correlation of MR imaging-determined cerebral blood volume maps with histologic and angiographic determination of vascularity of gliomas. <i>American Journal of Roentgenology</i> , 1998 , 171, 1479-86	5.4	371
85	Age-related total gray matter and white matter changes in normal adult brain. Part I: volumetric MR imaging analysis. <i>American Journal of Neuroradiology</i> , 2002 , 23, 1327-33	4.4	335
84	Characterizing iron deposition in multiple sclerosis lesions using susceptibility weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 537-44	5.6	254
83	Quantitative evaluation of oxygenation in venous vessels using T2-Relaxation-Under-Spin-Tagging MRI. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 357-63	4.4	229
82	Default-mode network disruption in mild traumatic brain injury. <i>Radiology</i> , 2012 , 265, 882-92	20.5	197
81	Microvascular abnormality in relapsing-remitting multiple sclerosis: perfusion MR imaging findings in normal-appearing white matter. <i>Radiology</i> , 2004 , 231, 645-52	20.5	192
80	Brain atrophy in relapsing-remitting multiple sclerosis and secondary progressive multiple sclerosis: longitudinal quantitative analysis. <i>Radiology</i> , 2000 , 214, 665-70	20.5	188
79	Thalamus and cognitive impairment in mild traumatic brain injury: a diffusional kurtosis imaging study. <i>Journal of Neurotrauma</i> , 2012 , 29, 2318-27	5.4	182
78	Thalamic resting-state functional networks: disruption in patients with mild traumatic brain injury. <i>Radiology</i> , 2011 , 260, 831-40	20.5	162
77	Mild traumatic brain injury: longitudinal regional brain volume changes. <i>Radiology</i> , 2013 , 267, 880-90	20.5	161
76	Noninvasive quantification of whole-brain cerebral metabolic rate of oxygen (CMRO ₂) by MRI. <i>Magnetic Resonance in Medicine</i> , 2009 , 62, 141-8	4.4	150
75	Quantitative assessment of iron accumulation in the deep gray matter of multiple sclerosis by magnetic field correlation imaging. <i>American Journal of Neuroradiology</i> , 2007 , 28, 1639-44	4.4	117
74	Age-related total gray matter and white matter changes in normal adult brain. Part II: quantitative magnetization transfer ratio histogram analysis. <i>American Journal of Neuroradiology</i> , 2002 , 23, 1334-41	4.4	109
73	Dynamic susceptibility contrast perfusion MR imaging of multiple sclerosis lesions: characterizing hemodynamic impairment and inflammatory activity. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1539-47	4.4	108
72	Assessment of thalamic perfusion in patients with mild traumatic brain injury by true FISP arterial spin labelling MR imaging at 3T. <i>Brain Injury</i> , 2009 , 23, 666-74	2.1	97
71	Novel approach to the measurement of absolute cerebral blood volume using vascular-space-occupancy magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005 , 54, 1403-11	4.4	97

70	Diminished visibility of cerebral venous vasculature in multiple sclerosis by susceptibility-weighted imaging at 3.0 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 1190-4	5.6	94
69	Seven-Tesla magnetic resonance imaging: new vision of microvascular abnormalities in multiple sclerosis. <i>Archives of Neurology</i> , 2008 , 65, 812-6		93
68	Brain atrophy in relapsing-remitting multiple sclerosis: fractional volumetric analysis of gray matter and white matter. <i>Radiology</i> , 2001 , 220, 606-10	20.5	85
67	Indirect evidence for early widespread gray matter involvement in relapsing-remitting multiple sclerosis. <i>NeuroImage</i> , 2004 , 21, 1825-9	7.9	84
66	Impaired cerebrovascular reactivity in multiple sclerosis. <i>JAMA Neurology</i> , 2014 , 71, 1275-81	17.2	82
65	Preferential occult injury of corpus callosum in multiple sclerosis measured by diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 20, 1-7	5.6	79
64	Baseline blood oxygenation modulates response amplitude: Physiologic basis for intersubject variations in functional MRI signals. <i>Magnetic Resonance in Medicine</i> , 2008 , 60, 364-72	4.4	77
63	Applications of diffusion tensor MR imaging in multiple sclerosis. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1064, 202-19	6.5	76
62	Magnetization transfer ratio histogram analysis of normal-appearing gray matter and normal-appearing white matter in multiple sclerosis. <i>Journal of Computer Assisted Tomography</i> , 2002 , 26, 62-8	2.2	76
61	Characterizing brain oxygen metabolism in patients with multiple sclerosis with T2-relaxation-under-spin-tagging MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012 , 32, 403-12	7.3	75
60	Brain iron quantification in mild traumatic brain injury: a magnetic field correlation study. <i>American Journal of Neuroradiology</i> , 2011 , 32, 1851-6	4.4	66
59	Characterization of thalamo-cortical association using amplitude and connectivity of functional MRI in mild traumatic brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 1558-68	5.6	61
58	Dirty-appearing white matter in multiple sclerosis: volumetric MR imaging and magnetization transfer ratio histogram analysis. <i>American Journal of Neuroradiology</i> , 2003 , 24, 1935-40	4.4	56
57	Ultrahigh-Field MR (7 T) Imaging of Brain Lesions in Neuromyelitis Optica. <i>Multiple Sclerosis International</i> , 2013 , 2013, 398259	1.1	49
56	MRI mapping of cerebrovascular reactivity via gas inhalation challenges. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	45
55	Iron and Non-Iron-Related Characteristics of Multiple Sclerosis and Neuromyelitis Optica Lesions at 7T MRI. <i>American Journal of Neuroradiology</i> , 2016 , 37, 1223-30	4.4	44
54	MR Imaging Applications in Mild Traumatic Brain Injury: An Imaging Update. <i>Radiology</i> , 2016 , 279, 693-707	20.5	39
53	Vessel-specific quantification of blood oxygenation with T2-relaxation-under-phase-contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2014 , 71, 978-89	4.4	36

52	Virtual MRI endoscopy of the intracranial cerebrospinal fluid spaces. <i>Neuroradiology</i> , 1998 , 40, 644-50	3.2	36
51	Quantitative MRI: hidden age-related changes in brain tissue. <i>Topics in Magnetic Resonance Imaging</i> , 2004 , 15, 355-63	2.3	36
50	Correlation between percentage of brain parenchymal volume and neurocognitive performance in HIV-infected patients. <i>American Journal of Neuroradiology</i> , 2002 , 23, 543-9	4.4	36
49	Prominent perivenular spaces in multiple sclerosis as a sign of perivascular inflammation in primary demyelination. <i>American Journal of Neuroradiology</i> , 2005 , 26, 2316-9	4.4	36
48	Functional homotopic changes in multiple sclerosis with resting-state functional MR imaging. <i>American Journal of Neuroradiology</i> , 2013 , 34, 1180-7	4.4	33
47	MRI phase changes in multiple sclerosis vs neuromyelitis optica lesions at 7T. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e259	9.1	28
46	Whole brain imaging of HIV-infected patients: quantitative analysis of magnetization transfer ratio histogram and fractional brain volume. <i>American Journal of Neuroradiology</i> , 2003 , 24, 82-7	4.4	28
45	Cerebral blood flow modulation insufficiency in brain networks in multiple sclerosis: A hypercapnia MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 2087-2095	7.3	27
44	Numerical tissue characterization in MS via standardization of the MR image intensity scale. <i>Journal of Magnetic Resonance Imaging</i> , 2000 , 12, 715-21	5.6	27
43	Non-contrast MR imaging of blood-brain barrier permeability to water. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 1507-1520	4.4	26
42	Classification algorithms using multiple MRI features in mild traumatic brain injury. <i>Neurology</i> , 2014 , 83, 1235-40	6.5	24
41	Concurrent saturation transfer contrast in in vivo brain by a uniform magnetization transfer MRI. <i>NeuroImage</i> , 2014 , 95, 22-8	7.9	23
40	Longitudinal study of multiple sclerosis lesions using ultra-high field (7T) multiparametric MR imaging. <i>PLoS ONE</i> , 2018 , 13, e0202918	3.7	22
39	Susceptibility weighted imaging and quantitative susceptibility mapping of the cerebral vasculature using ferumoxytol. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 621-633	5.6	20
38	Multiprotocol MR image segmentation in multiple sclerosis: experience with over 1,000 studies. <i>Academic Radiology</i> , 2001 , 8, 1116-26	4.3	20
37	Distinction of seropositive NMO spectrum disorder and MS brain lesion distribution. <i>Neurology</i> , 2013 , 81, 1966	6.5	17
36	The influence of mild carbon dioxide on brain functional homotopy using resting-state fMRI. <i>Human Brain Mapping</i> , 2015 , 36, 3912-21	5.9	16
35	Magnetic Resonance Phase Alterations in Multiple Sclerosis Patients with Short and Long Disease Duration. <i>PLoS ONE</i> , 2015 , 10, e0128386	3.7	14

34	Measurement of deep gray matter perfusion using a segmented true-fast imaging with steady-state precession (True-FISP) arterial spin-labeling (ASL) method at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 1425-31	5.6	13
33	Subvoxel vascular imaging of the midbrain using USPIO-Enhanced MRI. <i>NeuroImage</i> , 2020 , 220, 117106	7.9	12
32	III. New developments: 2. Virtual MR endoscopy in the central nervous system. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 289-96	5.6	12
31	Comparison of serum neurodegenerative biomarkers among hospitalized COVID-19 patients versus non-COVID subjects with normal cognition, mild cognitive impairment, or Alzheimer's/dementia.. <i>Alzheimer's and Dementia</i> , 2022 ,	1.2	12
30	Imaging the effects of oxygen saturation changes in voluntary apnea and hyperventilation on susceptibility-weighted imaging. <i>American Journal of Neuroradiology</i> , 2014 , 35, 1091-5	4.4	11
29	Quantitative measurement of spinal cord blood volume in humans using vascular-space-occupancy MRI. <i>NMR in Biomedicine</i> , 2008 , 21, 226-32	4.4	11
28	Prevention and control of COVID-19 in neurointerventional surgery: expert consensus from the Chinese Federation of Interventional and Therapeutic Neuroradiology (CFITN) and the International Society for Neurovascular Disease (ISNVD). <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 658-663	7.8	10
27	Detecting sub-voxel microvasculature with USPIO-enhanced susceptibility-weighted MRI at 7T. <i>Magnetic Resonance Imaging</i> , 2020 , 67, 90-100	3.3	9
26	The impact of hyperoxia on brain activity: A resting-state and task-evoked electroencephalography (EEG) study. <i>PLoS ONE</i> , 2017 , 12, e0176610	3.7	8
25	Neuromyelitis optica does not impact periventricular venous density versus healthy controls: a 7.0T Tesla MRI clinical study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016 , 29, 535-41	2.8	8
24	Seeing is believing: in vivo evolution of multiple sclerosis pathology with magnetic resonance. <i>Topics in Magnetic Resonance Imaging</i> , 2006 , 17, 295-306	2.3	7
23	Noncontrast assessment of blood-brain barrier permeability to water: Shorter acquisition, test-retest reproducibility, and comparison with contrast-based method. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 143-156	4.4	7
22	Comparison between EPI and HASTE for ultra-fast MR imaging of the human brain. <i>Neuroradiology</i> , 2001 , 43, 1046-55	3.2	5
21	The capability of detecting small vessels beyond the conventional MRI sensitivity using iron-based contrast agent enhanced susceptibility weighted imaging. <i>NMR in Biomedicine</i> , 2020 , 33, e4256	4.4	5
20	Measurement of blood-brain barrier permeability using dynamic contrast-enhanced magnetic resonance imaging with reduced scan time. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 1686-1696	4.4	4
19	SuperDTI: Ultrafast DTI and fiber tractography with deep learning. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 3334-3347	4.4	4
18	Revealing vascular abnormalities and measuring small vessel density in multiple sclerosis lesions using USPIO. <i>NeuroImage: Clinical</i> , 2021 , 29, 102525	5.3	4
17	Multiprotocol MR image segmentation in multiple sclerosis: experience with over 1000 studies 2000 , 3979, 1017		3

16	Functional connectivity of the default mode, dorsal attention and fronto-parietal executive control networks in glial tumor patients. <i>Journal of Neuro-Oncology</i> , 2021 , 152, 347-355	4.8	3
15	Longitudinal ultra-high field MRI of brain lesions in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 42, 102066	4	2
14	Blood Perfusion and Cellular Microstructural Changes Associated With Iron Deposition in Multiple Sclerosis Lesions. <i>Frontiers in Neurology</i> , 2019 , 10, 747	4.1	2
13	Bilateral Distance Partition of Periventricular and Deep White Matter Hyperintensities: Performance of the Method in the Aging Brain. <i>Academic Radiology</i> , 2021 , 28, 1699-1708	4.3	2
12	An Overview of Venous Abnormalities Related to the Development of Lesions in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2021 , 12, 561458	4.1	2
11	Characterization of thalamo-cortical association using amplitude and connectivity of functional MRI in mild traumatic brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, spcone-spcone	5.6	1
10	Susceptibility Weighted Imaging in Multiple Sclerosis249-264		1
9	Upright versus supine MRI: effects of body position on craniocervical CSF flow.. <i>Fluids and Barriers of the CNS</i> , 2021 , 18, 61	7	1
8	Whole-Brain N-Acetylaspartate Concentration Is Preserved during Mild Hypercapnia Challenge. <i>American Journal of Neuroradiology</i> , 2015 , 36, 2055-61	4.4	0
7	Vascular Mapping of the Human Hippocampus Using Ferumoxytol-Enhanced MRI.. <i>NeuroImage</i> , 2022 , 250, 118957	7.9	0
6	Age-Related Tortuosity of Carotid and Vertebral Arteries: Quantitative Evaluation With MR Angiography.. <i>Frontiers in Neurology</i> , 2022 , 13, 858805	4.1	0
5	Intracranial relationship between arterioles and venules size--reply. <i>JAMA Neurology</i> , 2015 , 72, 124-5	17.2	
4	Magnetization Transfer Imaging 2007 , 47-53		
3	Perfusion MR I 2007 , 55-64		
2	Susceptibility Weighted Imaging at Ultrahigh Magnetic Fields329-349		
1	Applications of diffusion tensor imaging and fiber tractography36-37		