

Jean-Philippe Ranjeva

List of Publications by Year in Descending Order

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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.

132
papers

4,153
citations

37
h-index

60
g-index

138
ext. papers

4,953
ext. citations

5.3
avg, IF

4.76
L-index

#	Paper	IF	Citations
132	Automatic segmentation of Deep Grey Nuclei using a high-resolution 7T MRI Atlas - quantification of T1 values in healthy volunteers.. <i>European Journal of Neuroscience</i> , 2021 ,	3.5	1
131	7T Epilepsy Task Force Consensus Recommendations on the Use of 7T MRI in Clinical Practice. <i>Neurology</i> , 2021 , 96, 327-341	6.5	16
130	Epileptogenic networks in drug-resistant epilepsy with amygdala enlargement: Assessment with stereo-EEG and 7 T MRI. <i>Clinical Neurophysiology</i> , 2021 , 133, 94-103	4.3	
129	T1-Based Synthetic Magnetic Resonance Contrasts Improve Multiple Sclerosis and Focal Epilepsy Imaging at 7 T. <i>Investigative Radiology</i> , 2021 , 56, 127-133	10.1	1
128	Delayed access to conscious processing in multiple sclerosis: Reduced cortical activation and impaired structural connectivity. <i>Human Brain Mapping</i> , 2021 , 42, 3379-3395	5.9	1
127	Comparison of single-voxel H-cardiovascular magnetic resonance spectroscopy techniques for in vivo measurement of myocardial creatine and triglycerides at 3T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 53	6.9	2
126	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , 2021 , 76, 108-115	3.3	7
125	Contributions of PET and MRI imaging in the evaluation of CNS drugs in human neurodegenerative diseases. <i>Therapie</i> , 2021 , 76, 121-126	3.8	
124	Aquaporin 4 distribution in the brain and its relevance for the radiological appearance of neuromyelitis optica spectrum disease. <i>Journal of Neuroradiology</i> , 2021 , 48, 170-175	3.1	3
123	Increased Sodium Concentration in Substantia Nigra in Early Parkinson's Disease: A Preliminary Study With Ultra-High Field (7T) MRI. <i>Frontiers in Neurology</i> , 2021 , 12, 715618	4.1	0
122	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated segmentation in old and young healthy volunteers. <i>Alzheimers and Dementia</i> , 2020 , 16, e040322	1.2	
121	Sensitivity of the Inhomogeneous Magnetization Transfer Imaging Technique to Spinal Cord Damage in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2020 , 41, 929-937	4.4	3
120	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020 , 218, 116932	7.9	15
119	An Alzheimer Disease Challenge Model: 24-Hour Sleep Deprivation in Healthy Volunteers, Impact on Working Memory, and Reversal Effect of Pharmacological Intervention: A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. <i>Journal of Clinical Psychopharmacology</i> , 2020 , 40, 222-230	1.7	5
118	CSF cutoffs for MCI due to AD depend on APOE ϵ 4 carrier status. <i>Neurobiology of Aging</i> , 2020 , 89, 55-62	5.6	7
117	Aerobic Exercise Induces Functional and Structural Reorganization of CNS Networks in Multiple Sclerosis: A Randomized Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 255	3.3	3
116	Modular slowing of resting-state dynamic functional connectivity as a marker of cognitive dysfunction induced by sleep deprivation. <i>NeuroImage</i> , 2020 , 222, 117155	7.9	11

115	Longitudinal study of functional brain network reorganization in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 188-200	5	11
114	Structural Connectivity Alterations in Amyotrophic Lateral Sclerosis: A Graph Theory Based Imaging Study. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1044	5.1	8
113	Spinal cord involvement in multiple sclerosis and neuromyelitis optica spectrum disorders. <i>Lancet Neurology</i> , 2019 , 18, 185-197	24.1	74
112	Quantitative Brain Sodium MRI Depicts Corticospinal Impairment in Amyotrophic Lateral Sclerosis. <i>Radiology</i> , 2019 , 292, 422-428	20.5	10
111	High levels of serum soluble TWEAK are associated with neuroinflammation during multiple sclerosis. <i>Journal of Translational Medicine</i> , 2019 , 17, 51	8.5	7
110	Regional T mapping of the whole cervical spinal cord using an optimized MP2RAGE sequence. <i>NMR in Biomedicine</i> , 2019 , 32, e4142	4.4	7
109	Connectivity strength, time lag structure and the epilepsy network in resting-state fMRI. <i>NeuroImage: Clinical</i> , 2019 , 24, 102035	5.3	3
108	Dynamic Na MRI - A non-invasive window on neuroglial-vascular mechanisms underlying brain function. <i>NeuroImage</i> , 2019 , 184, 771-780	7.9	4
107	Metabolic counterparts of sodium accumulation in multiple sclerosis: A whole brain Na-MRI and fast H-MRSI study. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 39-47	5	6
106	Evaluation of the Sensitivity of Inhomogeneous Magnetization Transfer (ihMT) MRI for Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2018 , 39, 634-641	4.4	19
105	Feasibility of single-shot multi-level multi-angle diffusion tensor imaging of the human cervical spinal cord at 7T. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 947-957	4.4	13
104	Distribution of brain sodium long and short relaxation times and concentrations: a multi-echo ultra-high field Na MRI study. <i>Scientific Reports</i> , 2018 , 8, 4357	4.9	25
103	USPIO-positive MS lesions are associated with greater tissue damage than gadolinium-positive-only lesions during 3-year follow-up. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1852-1861	5	1
102	Whole brain inhomogeneous magnetization transfer (ihMT) imaging: Sensitivity enhancement within a steady-state gradient echo sequence. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2607-2619	4.4	22
101	An MRI evaluation of grey matter damage in African Americans with MS. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 25, 29-36	4	9
100	Brain Networks are Independently Modulated by Donepezil, Sleep, and Sleep Deprivation. <i>Brain Topography</i> , 2018 , 31, 380-391	4.3	19
99	O1-13-01: ROLE OF THE INFLAMMASOME COMPLEX IN AD-RELATED HIPPOCAMPAL NEURODEGENERATION IN MCI PATIENTS WITH AD PATHOLOGY 2018 , 14, P251-P252		
98	IC-P-126: VOLUMETRIC ACCURACY OF A FULLY AUTOMATIC TOOL FOR WHITE MATTER HYPERINTENSITIES (WMHS) SEGMENTATION 2018 , 14, P105-P106		1

97	Difference in imaging biomarkers of neurodegeneration between early and late-onset amnesic Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 54, 22-30	5.6	21
96	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). <i>Neurobiology of Aging</i> , 2017 , 53, 1-10	5.6	43
95	Simultaneous Intracranial EEG-fMRI Shows Inter-Modality Correlation in Time-Resolved Connectivity Within Normal Areas but Not Within Epileptic Regions. <i>Brain Topography</i> , 2017 , 30, 639-655	4.3	24
94	Increased total sodium concentration in gray matter better explains cognition than atrophy in MS. <i>Neurology</i> , 2017 , 88, 289-295	6.5	25
93	Complementary contributions of concurrent EEG and fMRI connectivity for predicting structural connectivity. <i>NeuroImage</i> , 2017 , 161, 251-260	7.9	26
92	Region-specific impairment of the cervical spinal cord (SC) in amyotrophic lateral sclerosis: A preliminary study using SC templates and quantitative MRI (diffusion tensor imaging/inhomogeneous magnetization transfer). <i>NMR in Biomedicine</i> , 2017 , 30, e3801	4.4	25
91	Trimmed autocalibrating k-space estimation based on structured matrix completion. <i>Magnetic Resonance Imaging</i> , 2017 , 43, 88-94	3.3	2
90	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. <i>Brain</i> , 2017 , 140, 2639-2652	11.2	45
89	Brain sodium MRI in human epilepsy: Disturbances of ionic homeostasis reflect the organization of pathological regions. <i>NeuroImage</i> , 2017 , 157, 173-183	7.9	16
88	Specific brain activation patterns associated with two neuromuscular electrical stimulation protocols. <i>Scientific Reports</i> , 2017 , 7, 2742	4.9	21
87	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017 , 38, 12-26	5.9	51
86	Improvement of spasticity following intermittent theta burst stimulation in multiple sclerosis is associated with modulation of resting-state functional connectivity of the primary motor cortices. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 855-863	5	27
85	Hypoperfusion of the thalamus is associated with disability in relapsing remitting multiple sclerosis. <i>Journal of Neuroradiology</i> , 2017 , 44, 158-164	3.1	23
84	[IC-P-167]: ACROSS-SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTI-SITE 3T STUDY 2017 , 13, P126-P127		
83	Ultra-small superparamagnetic iron oxide enhancement is associated with higher loss of brain tissue structure in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1032-9	5	15
82	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016 , 124, 442-454	7.9	58
81	High-resolution multi-parametric quantitative magnetic resonance imaging of the human cervical spinal cord at 7T. <i>NeuroImage</i> , 2016 , 143, 58-69	7.9	35
80	IC-P-039: Impairment of Resting-State Functional Connectivity in The Default-Mode Network Closely Tracks CSF Biomarkers In MCI 2016 , 12, P34-P34		1

79	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , 2016 , 37, 2114-32 ^{5,9}		27
78	Evidencing different neurochemical profiles between thalamic nuclei using high resolution 2D-PRESS semi-LASER (1)H-MRSI at 7 T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016 , 29, 491-501	2.8	4
77	Tract-specific and age-related variations of the spinal cord microstructure: a multi-parametric MRI study using diffusion tensor imaging (DTI) and inhomogeneous magnetization transfer (ihMT). <i>NMR in Biomedicine</i> , 2016 , 29, 817-32	4.4	45
76	Depletion of brain functional connectivity enhancement leads to disability progression in multiple sclerosis: A longitudinal resting-state fMRI study. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1695-1708	5	36
75	Early-onset and late-onset Alzheimer's disease are associated with distinct patterns of memory impairment. <i>Cortex</i> , 2016 , 74, 217-32	3.8	44
74	Alien Hand, Restless Brain: Salience Network and Interhemispheric Connectivity Disruption Parallel Emergence and Extinction of Diagonistic Dyspraxia. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 307	3.3	8
73	Metabolic voxel-based analysis of the complete human brain using fast 3D-MRSI: Proof of concept in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 411-9	5.6	25
72	P2-302: CSF Beta-Amyloid- and APOE ε-Related Decline in Episodic Memory Over 12 Months Measured using the Cantab in Individuals with Amnesic MCI: Results from the European ADNI Study 2016 , 12, P751-P751		1
71	IC-P-122: Structural and Diffusion Tensor Imaging in MCI Subjects With Intermediate Risk of Alzheimer's Disease Based on CSF Profile 2016 , 12, P90-P91		
70	P2-263: Association between Brain MRI Diffusion Alterations and CSF Biomarkers in Amnesic MCI 2016 , 12, P728-P728		
69	IC-P-148: Association Between Volumes Alterations and CSF Biomarkers in Amnesic MCI 2016 , 12, P110-P110		
68	P3-315: Differential Effects of Apoe and CSF Amyloid on Memory Impairment in Individuals with Amnesic MCI Using the Cantab Cognitive Battery: Results from the European-Adni Study 2016 , 12, P964-P965 ¹		
67	O2-04-01: Cognitive Composite Measures in Amnesic MCI by Different AMYLOID/TAU Pathology 2016 , 12, P229-P229		
66	P4-350: Biomarkers of Short Term Disease Progression in Mild Cognitive Impairment Patients with ad Pathology 2016 , 12, P1171-P1172		
65	Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2016 , 11, 707-718	5.3	34
64	Nodal approach reveals differential impact of lateralized focal epilepsies on hub reorganization. <i>NeuroImage</i> , 2015 , 118, 39-48	7.9	26
63	Brain functional plasticity at rest and during action in multiple sclerosis patients. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1438-43	2.2	8
62	A reliable spatially normalized template of the human spinal cord--Applications to automated white matter/gray matter segmentation and tensor-based morphometry (TBM) mapping of gray matter alterations occurring with age. <i>NeuroImage</i> , 2015 , 117, 20-8	7.9	28

61	Whole-brain quantitative mapping of metabolites using short echo three-dimensional proton MRSI. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 280-9	5.6	26
60	Diffusion MRI abnormalities detection with orientation distribution functions: a multiple sclerosis longitudinal study. <i>Medical Image Analysis</i> , 2015 , 22, 114-23	15.4	2
59	Fast water concentration mapping to normalize (1)H MR spectroscopic imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015 , 28, 87-100	2.8	3
58	Neural substrate of quality of life in patients with schizophrenia: a magnetisation transfer imaging study. <i>Scientific Reports</i> , 2015 , 5, 17650	4.9	15
57	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015 , 36, 3516-27	5.9	31
56	P2-188: Characterization of cognitive function with the cantab in individuals with amnesic mild cognitive impairment in relation to hippocampal volume, amyloid, and tau status: Preliminary baseline results from the PharmaCog/european-ADNI study 2015 , 11, P564-P564		2
55	Topography of brain sodium accumulation in progressive multiple sclerosis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014 , 27, 53-62	2.8	41
54	Functional connectivity changes differ in early and late-onset Alzheimer's disease. <i>Human Brain Mapping</i> , 2014 , 35, 2978-94	5.9	75
53	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014 , 101, 390-403	7.9	70
52	Construction of an in vivo human spinal cord atlas based on high-resolution MR images at cervical and thoracic levels: preliminary results. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014 , 27, 257-67	2.8	38
51	Single-trial EEG-informed fMRI reveals spatial dependency of BOLD signal on early and late IC-ERP amplitudes during face recognition. <i>NeuroImage</i> , 2014 , 100, 325-36	7.9	19
50	Morphometrics of the entire human spinal cord and spinal canal measured from in vivo high-resolution anatomical magnetic resonance imaging. <i>Spine</i> , 2014 , 39, E262-9	3.3	44
49	P3-101: CROSS-SECTIONAL BIOMARKER CHARACTERIZATION OF MILD COGNITIVE IMPAIRMENT PATIENTS IN WP5 PHARMACOG/E-ADNI STUDY 2014 , 10, P665-P665		1
48	Predictive value of imaging markers at multiple sclerosis disease onset based on gadolinium- and USPIO-enhanced MRI and machine learning. <i>PLoS ONE</i> , 2014 , 9, e93024	3.7	18
47	Association between structural and functional corticospinal involvement in amyotrophic lateral sclerosis assessed by diffusion tensor MRI and triple stimulation technique. <i>Muscle and Nerve</i> , 2014 , 49, 551-7	3.4	19
46	Cued recall measure predicts the progression of gray matter atrophy in patients with amnesic mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2013 , 36, 197-210	2.6	7
45	Brain morphometry reproducibility in multi-center 3T MRI studies: a comparison of cross-sectional and longitudinal segmentations. <i>NeuroImage</i> , 2013 , 83, 472-84	7.9	129
44	Assessing brain connectivity at rest is clinically relevant in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012 , 18, 1251-8	5	111

43	Extent and neural basis of semantic memory impairment in mild cognitive impairment. <i>Journal of Alzheimers Disease</i> , 2012 , 28, 823-37	4.3	56
42	Distribution of brain sodium accumulation correlates with disability in multiple sclerosis: a cross-sectional ²³ Na MR imaging study. <i>Radiology</i> , 2012 , 264, 859-67	20.5	87
41	Voxelwise analysis of conventional magnetic resonance imaging to predict future disability in early relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012 , 18, 1585-91	5	10
40	What can sodium MRI reveal about sodium accumulation in the brain: implications for multiple sclerosis. <i>Imaging in Medicine</i> , 2012 , 4, 585-587	1	
39	Basal functional connectivity within the anterior temporal network is associated with performance on declarative memory tasks. <i>NeuroImage</i> , 2011 , 58, 687-97	7.9	67
38	Interictal functional connectivity of human epileptic networks assessed by intracerebral EEG and BOLD signal fluctuations. <i>PLoS ONE</i> , 2011 , 6, e20071	3.7	84
37	Prevalence of grey matter pathology in early multiple sclerosis assessed by magnetization transfer ratio imaging. <i>PLoS ONE</i> , 2011 , 6, e24969	3.7	35
36	Hyperactivation of parahippocampal region and fusiform gyrus associated with successful encoding in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 1100-9	6.4	23
35	Occurrence of neuronal dysfunction during the first 5 years of multiple sclerosis is associated with cognitive deterioration. <i>Journal of Neurology</i> , 2011 , 258, 811-9	5.5	15
34	Motor cortical reorganization is present after a single attack of multiple sclerosis devoid of cortico-spinal dysfunction. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011 , 24, 77-84 ^{2,8}		9
33	Cognitive impairment at the onset of multiple sclerosis: relationship to lesion location. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 755-8	5	21
32	Atrophy mainly affects the limbic system and the deep grey matter at the first stage of multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 690-5	5.5	121
31	Role of resting state functional connectivity MRI in presurgical investigation of mesial temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 1147-54	5.5	136
30	Advanced magnetic resonance imaging techniques to better understand multiple sclerosis. <i>Biophysical Reviews</i> , 2010 , 2, 83-90	3.7	2
29	Individual voxel-based analysis of brain magnetization transfer maps shows great variability of gray matter injury in the first stage of multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 32, 424-8	5.6	13
28	Unfolding the long-term pathophysiological processes following an acute inflammatory demyelinating lesion of multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 477-86	3.3	25
27	Méthodes de RMN avancées et explorations intérieures 2010 , 165-175		
26	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. <i>Human Brain Mapping</i> , 2009 , 30, 1580-91	5.9	288

25	White matter damage impairs access to consciousness in multiple sclerosis. <i>NeuroImage</i> , 2009 , 44, 590-97.9	30
24	(1)H MR spectroscopy of human brain tumours: a practical approach. <i>European Journal of Radiology</i> , 2008 , 67, 268-274	4.7 45
23	Imaging structural and functional connectivity: towards a unified definition of human brain organization?. <i>Current Opinion in Neurology</i> , 2008 , 21, 393-403	7.1 109
22	Inflammatory multiple-sclerosis plaques generate characteristic metabolic profiles in cerebrospinal fluid. <i>PLoS ONE</i> , 2007 , 2, e595	3.7 68
21	Intact subliminal processing and delayed conscious access in multiple sclerosis. <i>Neuropsychologia</i> , 2007 , 45, 2683-91	3.2 22
20	Relationships between gray matter metabolic abnormalities and white matter inflammation in patients at the very early stage of MS : a MRSI study. <i>Journal of Neurology</i> , 2007 , 254, 914-23	5.5 31
19	A branched-chain organic acid linked to multiple sclerosis: first identification by NMR spectroscopy of CSF. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 354, 160-4	3.4 18
18	Structure of WM bundles constituting the working memory system in early multiple sclerosis: a quantitative DTI tractography study. <i>NeuroImage</i> , 2007 , 36, 1324-30	7.9 83
17	Noninvasive diagnostic assessment of brain tumors using combined in vivo MR imaging and spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 1236-45	4.4 58
16	Functional magnetic resonance imaging and cognition at the very early stage of MS. <i>Journal of the Neurological Sciences</i> , 2006 , 245, 87-91	3.2 49
15	Structural and functional surrogates of cognitive impairment at the very early stage of multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2006 , 245, 161-7	3.2 38
14	The right temporal lobe variant of frontotemporal dementia: cognitive and neuroanatomical profile of three patients. <i>Journal of Neurology</i> , 2006 , 253, 1447-58	5.5 61
13	Altered functional connectivity related to white matter changes inside the working memory network at the very early stage of MS. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 1245-53	7.3 87
12	Magnetic resonance study of the influence of tissue damage and cortical reorganization on PASAT performance at the earliest stage of multiple sclerosis. <i>Human Brain Mapping</i> , 2005 , 24, 216-28	5.9 140
11	Local tissue damage assessed with statistical mapping analysis of brain magnetization transfer ratio: relationship with functional status of patients in the earliest stage of multiple sclerosis. <i>American Journal of Neuroradiology</i> , 2005 , 26, 119-27	4.4 56
10	Diffusion tensor imaging in multiple sclerosis: a tool for monitoring changes in normal-appearing white matter. <i>Multiple Sclerosis Journal</i> , 2004 , 10, 188-96	5 66
9	Voxel-based analysis of MTR images: a method to locate gray matter abnormalities in patients at the earliest stage of multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 20, 765-71	5.6 68
8	Use of proton magnetic resonance spectroscopy of the brain to differentiate gliomatosis cerebri from low-grade glioma. <i>Journal of Neurosurgery</i> , 2003 , 98, 269-76	3.2 87

7	Compensatory cortical activation observed by fMRI during a cognitive task at the earliest stage of MS. <i>Human Brain Mapping</i> , 2003 , 20, 51-8	5.9	201
6	Metabolic and electrophysiological alterations in subtypes of temporal lobe epilepsy: a combined proton magnetic resonance spectroscopic imaging and depth electrodes study. <i>Epilepsia</i> , 2002 , 43, 1197-209	6.4	36
5	MR imaging and MR spectroscopy in rhizomelic chondrodysplasia punctata. <i>American Journal of Neuroradiology</i> , 2002 , 23, 480-3	4.4	19
4	Regional metabolite levels of the normal posterior fossa studied by proton chemical shift imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001 , 13, 127-33	2.8	25
3	Diffusion and perfusion MRI, measurements of acute stroke events and outcome: present practice and future hope. <i>Cerebrovascular Diseases</i> , 1998 , 8 Suppl 2, 8-16	3.2	9
2	Contribution of Sinerem used as blood-pool contrast agent: detection of cerebral blood volume changes during apnea in the rabbit. <i>Magnetic Resonance in Medicine</i> , 1996 , 36, 415-9	4.4	39
1	Modular slowing of resting-state dynamic Functional Connectivity as a marker of cognitive dysfunction induced by sleep deprivation		4