

# Nicola F De Stefano

## 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.

281  
papers

27,836  
citations

70  
h-index

163  
g-index

293  
ext. papers

32,346  
ext. citations

6.5  
avg, IF

6.53  
L-index

#	Paper	IF	Citations
281	A Deep Learning Approach to Predicting Disease Progression in Multiple Sclerosis Using Magnetic Resonance Imaging.. <i>Investigative Radiology</i> , <b>2022</b> ,	10.1	2
280	MAGNIMS recommendations for harmonization of MRI data in MS multicenter studies.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 34, 102972	5.3	0
279	Secondary Prevention in Radiologically Isolated Syndromes and Prodromal Stages of Multiple Sclerosis.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 787160	4.1	1
278	Slowly expanding lesions relate to persisting black-holes and clinical outcomes in relapse-onset multiple sclerosis. <i>NeuroImage: Clinical</i> , <b>2022</b> , 35, 103048	5.3	3
277	Peak width of skeletonized mean diffusivity (PSMD) and cognitive functions in relapsing-remitting multiple sclerosis. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2228-2233	4.1	3
276	MRI Prognostic Factors in Multiple Sclerosis, Neuromyelitis Optica Spectrum Disorder, and Myelin Oligodendrocyte Antibody Disease. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 679881	4.1	1
275	Diagnosis of Progressive Multiple Sclerosis From the Imaging Perspective: A Review. <i>JAMA Neurology</i> , <b>2021</b> , 78, 351-364	17.2	11
274	MAGNIMS score predicts long-term clinical disease activity-free status and confirmed disability progression in patients treated with subcutaneous interferon beta-1a. <i>Multiple Sclerosis and Related Disorders</i> , <b>2021</b> , 49, 102790	4	1
273	Identifying the Distinct Cognitive Phenotypes in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2021</b> , 78, 414-425	17.2	23
272	Quantitative magnetic resonance imaging towards clinical application in multiple sclerosis. <i>Brain</i> , <b>2021</b> , 144, 1296-1311	11.2	12
271	Analysis of frequency and severity of relapses in multiple sclerosis patients treated with cladribine tablets or placebo: The CLARITY and CLARITY Extension studies. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 13524585211010294	5.8	10
270	Mild gray matter atrophy in patients with long-standing multiple sclerosis and favorable clinical course. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 13524585211019650	5	1
269	Gray matter atrophy cannot be fully explained by white matter damage in patients with MS. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 27, 39-51	5	9
268	Manual and automated tissue segmentation confirm the impact of thalamus atrophy on cognition in multiple sclerosis: A multicenter study. <i>NeuroImage: Clinical</i> , <b>2021</b> , 29, 102549	5.3	6
267	Dynamics of pseudo-atrophy in RRMS reveals predominant gray matter compartmentalization. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 623-630	5.3	4
266	Structural and Functional Connectivity Substrates of Cognitive Impairment in Multiple Sclerosis. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 671894	4.1	1
265	2021 MAGNIMS-CMSC-NAIMS consensus recommendations on the use of MRI in patients with multiple sclerosis. <i>Lancet Neurology</i> , <b>2021</b> , 20, 653-670	24.1	44

264	Altered Large-Scale Brain Functional Connectivity in Ocular Hypertension. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 146	5.1	7
263	Reduced accuracy of MRI deep grey matter segmentation in multiple sclerosis: an evaluation of four automated methods against manual reference segmentations in a multi-center cohort. <i>Journal of Neurology</i> , <b>2020</b> , 267, 3541-3554	5.5	8
262	MAGNIMS consensus recommendations on the use of brain and spinal cord atrophy measures in clinical practice. <i>Nature Reviews Neurology</i> , <b>2020</b> , 16, 171-182	15	68
261	Mapping the Progressive Treatment-Related Reduction of Active MRI Lesions in Multiple Sclerosis. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 585296	4.1	0
260	Changes in grey matter volume and functional connectivity in cluster headache versus migraine. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 496-504	4.1	9
259	Reduced dynamics of functional connectivity and cognitive impairment in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2020</b> , 26, 476-488	5	26
258	Longitudinal Assessment of Multiple Sclerosis with the Brain-Age Paradigm. <i>Annals of Neurology</i> , <b>2020</b> , 88, 93-105	9.4	26
257	Spinal cord involvement in multiple sclerosis and neuromyelitis optica spectrum disorders. <i>Lancet Neurology</i> , <b>2019</b> , 18, 185-197	24.1	74
256	Lifespan normative data on rates of brain volume changes. <i>Neurobiology of Aging</i> , <b>2019</b> , 81, 30-37	5.6	24
255	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , <b>2019</b> , 142, 1858-1875	11.2	150
254	How much do periventricular lesions assist in distinguishing migraine with aura from CIS?. <i>Neurology</i> , <b>2019</b> , 92, e1739-e1744	6.5	8
253	Relevance of brain lesion location for cognition in vascular mild cognitive impairment. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101789	5.3	8
252	Subclinical motor impairment assessed with an engineered glove correlates with magnetic resonance imaging tissue damage in radiologically isolated syndrome. <i>European Journal of Neurology</i> , <b>2019</b> , 26, 162-167	6	13
251	DTI-derived indexes of brain WM correlate with cognitive performance in vascular MCI and small-vessel disease. A TBSS study. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 594-602	4.1	10
250	MRI quality control for the Italian Neuroimaging Network Initiative: moving towards big data in multiple sclerosis. <i>Journal of Neurology</i> , <b>2019</b> , 266, 2848-2858	5.5	7
249	Evaluation of the Central Vein Sign as a Diagnostic Imaging Biomarker in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2019</b> , 76, 1446-1456	17.2	59
248	Unraveling treatment response in multiple sclerosis: A clinical and MRI challenge. <i>Neurology</i> , <b>2019</b> , 92, 180-192	6.5	50
247	Peak width of skeletonized mean diffusivity (PSMD) as marker of widespread white matter tissue damage in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , <b>2019</b> , 27, 294-297	4	14

246	Learning ability correlates with brain atrophy and disability progression in RRMS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 38-43	5.5	11
245	Pathological cut-offs of global and regional brain volume loss in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2019</b> , 25, 541-553	5	22
244	Validating the use of brain volume cutoffs to identify clinically relevant atrophy in RRMS. <i>Multiple Sclerosis Journal</i> , <b>2019</b> , 25, 217-223	5	4
243	The current role of MRI in differentiating multiple sclerosis from its imaging mimics. <i>Nature Reviews Neurology</i> , <b>2018</b> , 14, 199-213	15	95
242	Radiologically isolated syndrome or subclinical multiple sclerosis: MAGNIMS consensus recommendations. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 214-221	5	43
241	Estimates of age-dependent cutoffs for pathological brain volume loss using SIENA/FSL-a longitudinal brain volumetry study in healthy adults. <i>Neurobiology of Aging</i> , <b>2018</b> , 65, 1-6	5.6	17
240	Deep gray matter volume loss drives disability worsening in multiple sclerosis. <i>Annals of Neurology</i> , <b>2018</b> , 83, 210-222	9.4	185
239	Response to 'Does cladribine have an impact on brain atrophy in people with relapsing remitting multiple sclerosis?' by Schiffmann et al. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 1388-1389	5	1
238	Measurement of Whole-Brain and Gray Matter Atrophy in Multiple Sclerosis: Assessment with MR Imaging. <i>Radiology</i> , <b>2018</b> , 288, 554-564	20.5	32
237	Urgent challenges in quantification and interpretation of brain grey matter atrophy in individual MS patients using MRI. <i>NeuroImage: Clinical</i> , <b>2018</b> , 19, 466-475	5.3	33
236	Within-patient fluctuation of brain volume estimates from short-term repeated MRI measurements using SIENA/FSL. <i>Journal of Neurology</i> , <b>2018</b> , 265, 1158-1165	5.5	9
235	Reduced brain atrophy rates are associated with lower risk of disability progression in patients with relapsing multiple sclerosis treated with cladribine tablets. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 222-226	5	33
234	Diffuse brain damage in normal tension glaucoma. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 532-541	5.9	40
233	The dilemma of benign multiple sclerosis: Can we predict the risk of losing the "benign status"? A 12-year follow-up study. <i>Multiple Sclerosis and Related Disorders</i> , <b>2018</b> , 26, 71-73	4	5
232	Effective Utilization of MRI in the Diagnosis and Management of Multiple Sclerosis. <i>Neurologic Clinics</i> , <b>2018</b> , 36, 27-34	4.5	19
231	SIENA-XL for improving the assessment of gray and white matter volume changes on brain MRI. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1063-1077	5.9	13
230	The hippocampus in multiple sclerosis. <i>Lancet Neurology</i> , <b>2018</b> , 17, 918-926	24.1	57
229	Progression of regional grey matter atrophy in multiple sclerosis. <i>Brain</i> , <b>2018</b> , 141, 1665-1677	11.2	146

228	Subcutaneous interferon $\beta$ 1a in the treatment of clinically isolated syndromes: 3-year and 5-year results of the phase III dosing frequency-blind multicentre REFLEXION study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 285-294	5.5	23
227	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL) as a model of small vessel disease: update on clinical, diagnostic, and management aspects. <i>BMC Medicine</i> , <b>2017</b> , 15, 41	11.4	126
226	The role of dentate nuclei in human oculomotor control: insights from cerebrotendinous xanthomatosis. <i>Journal of Physiology</i> , <b>2017</b> , 595, 3607-3620	3.9	10
225	Effect of Fingolimod on Brain Volume Loss in Patients with Multiple Sclerosis. <i>CNS Drugs</i> , <b>2017</b> , 31, 289-305	30.5	40
224	Vitamin D levels in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>Neurological Sciences</i> , <b>2017</b> , 38, 1333-1336	3.5	1
223	The spectrum of magnetic resonance findings in cerebrotendinous xanthomatosis: redefinition and evidence of new markers of disease progression. <i>Journal of Neurology</i> , <b>2017</b> , 264, 862-874	5.5	31
222	C-PBR28 and F-PBR111 Detect White Matter Inflammatory Heterogeneity in Multiple Sclerosis. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1477-1482	8.9	36
221	Resting state fMRI regional homogeneity correlates with cognition measures in subcortical vascular cognitive impairment. <i>Journal of the Neurological Sciences</i> , <b>2017</b> , 373, 1-6	3.2	23
220	Brain MRI atrophy quantification in MS: From methods to clinical application. <i>Neurology</i> , <b>2017</b> , 88, 403-413	13.5	134
219	Imaging outcome measures for progressive multiple sclerosis trials. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1614-1626	5	42
218	Advanced MRI measures like DTI or fMRI should be outcome measures in future clinical trials - Commentary. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 1458-1460	5	2
217	Predicting long-term disability outcomes in patients with MS treated with teriflunomide in TEMSO. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2017</b> , 4, e379	9.1	9
216	Hippocampal and Deep Gray Matter Nuclei Atrophy Is Relevant for Explaining Cognitive Impairment in MS: A Multicenter Study. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 18-24	4.4	49
215	Defining brain volume cutoffs to identify clinically relevant atrophy in RRMS. <i>Multiple Sclerosis Journal</i> , <b>2017</b> , 23, 656-664	5	29
214	Pronounced Structural and Functional Damage in Early Adult Pediatric-Onset Multiple Sclerosis with No or Minimal Clinical Disability. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 608	4.1	12
213	APOE e2 is associated with white matter hyperintensity volume in CADASIL. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 199-203	7.3	20
212	Operationalizing mild cognitive impairment criteria in small vessel disease: the VMCI-Tuscany Study. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 407-18	1.2	26
211	A Semiautomatic Method for Multiple Sclerosis Lesion Segmentation on Dual-Echo MR Imaging: Application in a Multicenter Context. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 2043-2049	4.4	4

210	A practical review of the neuropathology and neuroimaging of multiple sclerosis. <i>Practical Neurology</i> , <b>2016</b> , 16, 279-87	2.4	23
209	Primary Progressive Multiple Sclerosis Evolving From Radiologically Isolated Syndrome. <i>Annals of Neurology</i> , <b>2016</b> , 79, 288-94	9.4	96
208	Regional cortical thinning in multiple sclerosis and its relation with cognitive impairment: A multicenter study. <i>Multiple Sclerosis Journal</i> , <b>2016</b> , 22, 901-9	5	29
207	Assessing response to interferon- $\beta$ in a multicenter dataset of patients with MS. <i>Neurology</i> , <b>2016</b> , 87, 134-40	6.5	74
206	Structural MRI correlates of cognitive impairment in patients with multiple sclerosis: A Multicenter Study. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 1627-44	5.9	65
205	MRI criteria for the diagnosis of multiple sclerosis: MAGNIMS consensus guidelines. <i>Lancet Neurology</i> , <b>2016</b> , 15, 292-303	24.1	486
204	Optimizing treatment success in multiple sclerosis. <i>Journal of Neurology</i> , <b>2016</b> , 263, 1053-65	5.5	111
203	Inclusion of brain volume loss in a revised measure of 'no evidence of disease activity' (NEDA-4) in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2016</b> , 22, 1297-305	5	169
202	Establishing pathological cut-offs of brain atrophy rates in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 93-9	5.5	125
201	Alterations in Functional and Structural Connectivity in Pediatric-Onset Multiple Sclerosis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0145906	3.7	22
200	MRI monitoring of spinal cord changes in patients with multiple sclerosis. <i>Current Opinion in Neurology</i> , <b>2016</b> , 29, 445-52	7.1	5
199	Relationship of white and gray matter abnormalities to clinical and genetic features in myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 678-685	5.3	39
198	Effect of fingolimod on diffuse brain tissue damage in relapsing-remitting multiple sclerosis patients. <i>Multiple Sclerosis and Related Disorders</i> , <b>2016</b> , 7, 98-101	4	17
197	Advanced Structural and Functional Brain MRI in Multiple Sclerosis. <i>Seminars in Neurology</i> , <b>2016</b> , 36, 163-76	3.6	21
196	Early changes of brain connectivity in primary open angle glaucoma. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 4581-4596	5.9	46
195	Evidence-based guidelines: MAGNIMS consensus guidelines on the use of MRI in multiple sclerosis-clinical implementation in the diagnostic process. <i>Nature Reviews Neurology</i> , <b>2015</b> , 11, 471-82	15	272
194	Optimizing therapy early in multiple sclerosis: An evidence-based view. <i>Multiple Sclerosis and Related Disorders</i> , <b>2015</b> , 4, 460-469	4	77
193	Connectivity-based parcellation of the thalamus in multiple sclerosis and its implications for cognitive impairment: A multicenter study. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2809-25	5.9	55

192	Fingolimod effect on brain volume loss independently contributes to its effect on disability. <i>Multiple Sclerosis Journal</i> , <b>2015</b> , 21, 916-24	5	28
191	Appraisal of brain connectivity in radiologically isolated syndrome by modeling imaging measures. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 550-8	6.6	30
190	Long-term assessment of no evidence of disease activity in relapsing-remitting MS. <i>Neurology</i> , <b>2015</b> , 85, 1722-3	6.5	22
189	GABA: a new imaging biomarker of neurodegeneration in multiple sclerosis?. <i>Brain</i> , <b>2015</b> , 138, 2467-8	11.2	3
188	Evidence-based guidelines: MAGNIMS consensus guidelines on the use of MRI in multiple sclerosis--establishing disease prognosis and monitoring patients. <i>Nature Reviews Neurology</i> , <b>2015</b> , 11, 597-606	15	321
187	Nonconventional MRI and microstructural cerebral changes in multiple sclerosis. <i>Nature Reviews Neurology</i> , <b>2015</b> , 11, 676-86	15	93
186	Prognostic biomarkers of IFN $\beta$ therapy in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , <b>2015</b> , 21, 894-904	5	13
185	MRI in Leber's hereditary optic neuropathy: the relationship to multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2015</b> , 86, 537-42	5.5	44
184	A human post-mortem brain model for the standardization of multi-centre MRI studies. <i>NeuroImage</i> , <b>2015</b> , 110, 11-21	7.9	25
183	Clinical and imaging assessment of cognitive dysfunction in multiple sclerosis. <i>Lancet Neurology</i> , <b>2015</b> , 14, 302-17	24.1	322
182	Predicting outcome in clinically isolated syndrome using machine learning. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 281-7	5.3	40
181	Twelve-year monitoring of a patient with megalencephalic leukoencephalopathy with subcortical cysts. <i>Neurological Sciences</i> , <b>2014</b> , 35, 1249-53	3.5	
180	Clinical relevance of brain volume measures in multiple sclerosis. <i>CNS Drugs</i> , <b>2014</b> , 28, 147-56	6.7	201
179	A novel approach with "skeletonised MTR" measures tract-specific microstructural changes in early primary-progressive MS. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 723-33	5.9	11
178	Multiple Sclerosis and Inflammatory Diseases <b>2014</b> , 162-171		
177	Automated identification of brain new lesions in multiple sclerosis using subtraction images. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 39, 1543-9	5.6	29
176	Relevance of hypointense brain MRI lesions for long-term worsening of clinical disability in relapsing multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 214-9	5	37
175	Pathogenesis of multiple sclerosis: insights from molecular and metabolic imaging. <i>Lancet Neurology</i> , <b>2014</b> , 13, 807-22	24.1	153

174	Genome-wide genotyping demonstrates a polygenic risk score associated with white matter hyperintensity volume in CADASIL. <i>Stroke</i> , <b>2014</b> , 45, 968-72	6.7	27
173	Radiologically isolated syndrome: 5-year risk for an initial clinical event. <i>PLoS ONE</i> , <b>2014</b> , 9, e90509	3.7	190
172	Structural and functional brain changes beyond visual system in patients with advanced glaucoma. <i>PLoS ONE</i> , <b>2014</b> , 9, e105931	3.7	62
171	Cortical lesion counts by double inversion recovery should be part of the MRI monitoring process for all MS patients: yes. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 537-8	5	7
170	Efficacy of subcutaneous interferon $\beta$ 1a on MRI outcomes in a randomised controlled trial of patients with clinically isolated syndromes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, 647-53	5.5	16
169	Reply: To PMID 24006277. <i>Annals of Neurology</i> , <b>2014</b> , 75, 463-4	9.4	
168	Placebo-controlled trial of oral laquinimod in multiple sclerosis: MRI evidence of an effect on brain tissue damage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, 851-8	5.5	84
167	The burden of microstructural damage modulates cortical activation in elderly subjects with MCI and leuko-araiosis. A DTI and fMRI study. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 819-30	5.9	34
166	Effects of sapropterin on endothelium-dependent vasodilation in patients with CADASIL: a randomized controlled trial. <i>Stroke</i> , <b>2014</b> , 45, 2959-66	6.7	9
165	Treatment effect on brain atrophy correlates with treatment effect on disability in multiple sclerosis. <i>Annals of Neurology</i> , <b>2014</b> , 75, 43-9	9.4	195
164	Moving toward earlier treatment of multiple sclerosis: Findings from a decade of clinical trials and implications for clinical practice. <i>Multiple Sclerosis and Related Disorders</i> , <b>2014</b> , 3, 147-55	4	43
163	Patient subgroup analyses of the treatment effect of subcutaneous interferon $\beta$ 1a on development of multiple sclerosis in the randomized controlled REFLEX study. <i>Journal of Neurology</i> , <b>2014</b> , 261, 490-9	5.5	12
162	MRI measures should be a primary outcome endpoint in Phase III randomized, controlled trials in multiple sclerosis: yes. <i>Multiple Sclerosis Journal</i> , <b>2014</b> , 20, 280-1	5	4
161	Defining and scoring response to IFN- $\beta$ 1 in multiple sclerosis. <i>Nature Reviews Neurology</i> , <b>2013</b> , 9, 504-12	15	85
160	Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. <i>Journal of Neurology</i> , <b>2013</b> , 260, 2458-71	5.5	83
159	Clinical course of two Italian siblings with ataxia-telangiectasia-like disorder. <i>Cerebellum</i> , <b>2013</b> , 12, 596-94.3		16
158	Guidelines from The Italian Neurological and Neuroradiological Societies for the use of magnetic resonance imaging in daily life clinical practice of multiple sclerosis patients. <i>Neurological Sciences</i> , <b>2013</b> , 34, 2085-93	3.5	40
157	Isoprostanes in clinically isolated syndrome and early multiple sclerosis as biomarkers of tissue damage and predictors of clinical course. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 411-7	5	22



156	Brain atrophy and lesion load predict long term disability in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 1082-91	5.5	209
155	Clinical use of brain volumetry. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 37, 1-14	5.6	73
154	Location of brain lesions predicts conversion of clinically isolated syndromes to multiple sclerosis. <i>Neurology</i> , <b>2013</b> , 80, 234-41	6.5	42
153	Brain metabolic changes suggestive of axonal damage in radiologically isolated syndrome. <i>Neurology</i> , <b>2013</b> , 80, 2090-4	6.5	51
152	Distinction of seropositive NMO spectrum disorder and MS brain lesion distribution. <i>Neurology</i> , <b>2013</b> , 80, 1330-7	6.5	158
151	Cognitive reserve and cortical atrophy in multiple sclerosis: a longitudinal study. <i>Neurology</i> , <b>2013</b> , 80, 1728-33	6.5	93
150	Scoring treatment response in patients with relapsing multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 605-12	5	178
149	Natalizumab may reduce cognitive changes and brain atrophy rate in relapsing-remitting multiple sclerosis--a prospective, non-randomized pilot study. <i>European Journal of Neurology</i> , <b>2013</b> , 20, 986-90	6	39
148	Refining response to treatment as defined by the Modified Rio Score. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 1246-7	5	31
147	Time to first relapse as an endpoint in multiple sclerosis clinical trials. <i>Multiple Sclerosis Journal</i> , <b>2013</b> , 19, 466-74	5	25
146	Comparison of two dosing frequencies of subcutaneous interferon beta-1a in patients with a first clinical demyelinating event suggestive of multiple sclerosis (REFLEX): a phase 3 randomised controlled trial. <i>Lancet Neurology, The</i> , <b>2012</b> , 11, 33-41	24.1	153
145	Association between pathological and MRI findings in multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2012</b> , 11, 349-60	24.1	267
144	Evidence of diffuse damage in frontal and occipital cortex in the brain of patients with post-traumatic stress disorder. <i>Neurological Sciences</i> , <b>2012</b> , 33, 59-68	3.5	39
143	The Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy (CADASIL) Scale: a screening tool to select patients for NOTCH3 gene analysis. <i>Stroke</i> , <b>2012</b> , 43, 2871-6	6.7	52
142	Optimizing parameter choice for FSL-Brain Extraction Tool (BET) on 3D T1 images in multiple sclerosis. <i>NeuroImage</i> , <b>2012</b> , 61, 1484-94	7.9	116
141	Efficacy and safety of subcutaneous interferon $\beta$ 1a in relapsing-remitting multiple sclerosis: further outcomes from the IMPROVE study. <i>Journal of the Neurological Sciences</i> , <b>2012</b> , 312, 97-101	3.2	23
140	Risk and Determinants of Dementia in Patients with Mild Cognitive Impairment and Brain Subcortical Vascular Changes: A Study of Clinical, Neuroimaging, and Biological Markers-The VMCI-Tuscany Study: Rationale, Design, and Methodology. <i>International Journal of Alzheimer's Disease</i> , <b>2012</b> , 2012, 608013	3.7	22
139	Neurodegeneration in Friedreich's ataxia is associated with a mixed activation pattern of the brain. A fMRI study. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 1780-91	5.9	27

138	Evaluating and reducing the impact of white matter lesions on brain volume measurements. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 2062-71	5.9	206
137	Impaired vasoreactivity in mildly disabled CADASIL patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 268-74	5.5	17
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5	MRS in brain tumors61-90		1
4	Progression of regional grey matter atrophy in multiple sclerosis		1
3	Introduction to MR spectroscopy in vivo1-18		
2	MRS in infectious, inflammatory, and demyelinating lesions110-130		
1	MRS in cerebral metabolic disorders180-211		0