

# Massimo Filippi

## List of Publications by Citations

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1,351 papers	76,312 citations	125 h-index	225 g-index
1,469 ext. papers	88,025 ext. citations	6.3 avg, IF	7.74 L-index

#	Paper	IF	Citations
1351	Diagnostic criteria for multiple sclerosis: 2010 revisions to the McDonald criteria. <i>Annals of Neurology</i> , <b>2011</b> , 69, 292-302	9.4	6480
1350	Diagnostic criteria for multiple sclerosis: 2005 revisions to the "McDonald Criteria". <i>Annals of Neurology</i> , <b>2005</b> , 58, 840-6	9.4	4020
1349	Diagnosis of multiple sclerosis: 2017 revisions of the McDonald criteria. <i>Lancet Neurology</i> , <b>2018</b> , 17, 162-173	24.1	2419
1348	Effect of early interferon treatment on conversion to definite multiple sclerosis: a randomised study. <i>Lancet</i> , <b>2001</b> , 357, 1576-82	40	884
1347	Comparison of MRI criteria at first presentation to predict conversion to clinically definite multiple sclerosis. <i>Brain</i> , <b>1997</b> , 120 ( Pt 11), 2059-69	11.2	832
1346	European/Canadian multicenter, double-blind, randomized, placebo-controlled study of the effects of glatiramer acetate on magnetic resonance imaging measured disease activity and burden in patients with relapsing multiple sclerosis. <i>Annals of Neurology</i> , <b>2001</b> , 49, 290-297	9.4	624
1345	MRI criteria for the diagnosis of multiple sclerosis: MAGNIMS consensus guidelines. <i>Lancet Neurology</i> , <b>2016</b> , 15, 292-303	24.1	486
1344	Effect of glatiramer acetate on conversion to clinically definite multiple sclerosis in patients with clinically isolated syndrome (PreCISe study): a randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , <b>2009</b> , 374, 1503-11	40	475
1343	Differential diagnosis of suspected multiple sclerosis: a consensus approach. <i>Multiple Sclerosis Journal</i> , <b>2008</b> , 14, 1157-74	5	450
1342	Diffusion tensor magnetic resonance imaging in multiple sclerosis. <i>Neurology</i> , <b>2001</b> , 56, 304-11	6.5	447
1341	Induction of a non-encephalitogenic type 2 T helper-cell autoimmune response in multiple sclerosis after administration of an altered peptide ligand in a placebo-controlled, randomized phase II trial. The Altered Peptide Ligand in Relapsing MS Study Group. <i>Nature Medicine</i> , <b>2000</b> , 6, 1176-82	50.5	446
1340	Clinically isolated syndromes suggestive of multiple sclerosis, part I: natural history, pathogenesis, diagnosis, and prognosis. <i>Lancet Neurology</i> , <b>2005</b> , 4, 281-8	24.1	436
1339	White matter damage in Alzheimer's disease assessed in vivo using diffusion tensor magnetic resonance imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2002</b> , 72, 742-6	5.5	413
1338	Predictive value of gadolinium-enhanced magnetic resonance imaging for relapse rate and changes in disability or impairment in multiple sclerosis: a meta-analysis. Gadolinium MRI Meta-analysis Group. <i>Lancet</i> , <b>1999</b> , 353, 964-9	40	413
1337	Evidence of early cortical atrophy in MS: relevance to white matter changes and disability. <i>Neurology</i> , <b>2003</b> , 60, 1157-62	6.5	404
1336	Multiple sclerosis. <i>Nature Reviews Disease Primers</i> , <b>2018</b> , 4, 43	51.1	372
1335	Resting state fMRI in Alzheimer's disease: beyond the default mode network. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1564-78	5.6	367

1334	Cortical lesions and atrophy associated with cognitive impairment in relapsing-remitting multiple sclerosis. <i>Archives of Neurology</i> , <b>2009</b> , 66, 1144-50		359
1333	250 microg or 500 microg interferon beta-1b versus 20 mg glatiramer acetate in relapsing-remitting multiple sclerosis: a prospective, randomised, multicentre study. <i>Lancet Neurology, The</i> , <b>2009</b> , 8, 889-97	24.1	338
1332	A magnetization transfer imaging study of normal-appearing white matter in multiple sclerosis. <i>Neurology</i> , <b>1995</b> , 45, 478-82	6.5	332
1331	Clinical and imaging assessment of cognitive dysfunction in multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2015</b> , 14, 302-17	24.1	322
1330	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
1329	Diagnostic criteria for primary progressive multiple sclerosis: A position paper. <i>Annals of Neurology</i> , <b>2000</b> , 47, 831-835	9.4	313
1328	Functional magnetic resonance imaging correlates of fatigue in multiple sclerosis. <i>NeuroImage</i> , <b>2002</b> , 15, 559-67	7.9	293
1327	Placebo-controlled trial of oral laquinimod for multiple sclerosis. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 1000-9	59.2	290
1326	Magnetization transfer changes in the normal appearing white matter precede the appearance of enhancing lesions in patients with multiple sclerosis. <i>Annals of Neurology</i> , <b>1998</b> , 43, 809-14	9.4	283
1325	Quantitative brain MRI lesion load predicts the course of clinically isolated syndromes suggestive of multiple sclerosis. <i>Neurology</i> , <b>1994</b> , 44, 635-41	6.5	278
1324	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
1323	Cladribine and progressive MS: clinical and MRI outcomes of a multicenter controlled trial. Cladribine MRI Study Group. <i>Neurology</i> , <b>2000</b> , 54, 1145-55	6.5	268
1322	Association between pathological and MRI findings in multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2012</b> , 11, 349-60	24.1	267
1321	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci. <i>Annals of Neurology</i> , <b>2011</b> , 70, 897-912	9.4	263
1320	MRI in multiple sclerosis: current status and future prospects. <i>Lancet Neurology, The</i> , <b>2008</b> , 7, 615-25	24.1	262
1319	Evidence for widespread axonal damage at the earliest clinical stage of multiple sclerosis. <i>Brain</i> , <b>2003</b> , 126, 433-7	11.2	260
1318	Correlations between changes in disability and T2-weighted brain MRI activity in multiple sclerosis: a follow-up study. <i>Neurology</i> , <b>1995</b> , 45, 255-60	6.5	255
1317	Brain gray matter changes in migraine patients with T2-visible lesions: a 3-T MRI study. <i>Stroke</i> , <b>2006</b> , 37, 1765-70	6.7	252

1316	Default-mode network dysfunction and cognitive impairment in progressive MS. <i>Neurology</i> , <b>2010</b> , 74, 1252-9	6.5	251
1315	Glatiramer acetate reduces the proportion of new MS lesions evolving into "black holes". <i>Neurology</i> , <b>2001</b> , 57, 731-3	6.5	247
1314	MRI criteria for multiple sclerosis in patients presenting with clinically isolated syndromes: a multicentre retrospective study. <i>Lancet Neurology, The</i> , <b>2007</b> , 6, 677-86	24.1	246
1313	Cognition in multiple sclerosis: State of the field and priorities for the future. <i>Neurology</i> , <b>2018</b> , 90, 278-288	5	242
1312	Effect of laquinimod on MRI-monitored disease activity in patients with relapsing-remitting multiple sclerosis: a multicentre, randomised, double-blind, placebo-controlled phase IIb study. <i>Lancet, The</i> , <b>2008</b> , 371, 2085-92	40	236
1311	White matter damage in primary progressive aphasia: a diffusion tensor tractography study. <i>Brain</i> , <b>2011</b> , 134, 3011-29	11.2	235
1310	Assessing brain atrophy rates in a large population of untreated multiple sclerosis subtypes. <i>Neurology</i> , <b>2010</b> , 74, 1868-76	6.5	234
1309	Relation between MR abnormalities and patterns of cognitive impairment in multiple sclerosis. <i>Neurology</i> , <b>1998</b> , 50, 1601-8	6.5	230
1308	The contribution of magnetic resonance imaging to the diagnosis of multiple sclerosis. <i>Neurology</i> , <b>1999</b> , 53, 448-56	6.5	229
1307	Comparison of MS clinical phenotypes using conventional and magnetization transfer MRI. <i>Neurology</i> , <b>1999</b> , 52, 588-94	6.5	226
1306	Diffusion MRI in multiple sclerosis. <i>Neurology</i> , <b>2005</b> , 65, 1526-32	6.5	222
1305	Interferon beta-1a for brain tissue loss in patients at presentation with syndromes suggestive of multiple sclerosis: a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , <b>2004</b> , 364, 1489-96	40	215
1304	Clinical characteristics, course and prognosis of relapsing Devic's Neuromyelitis Optica. <i>Journal of Neurology</i> , <b>2004</b> , 251, 47-52	5.5	214
1303	The effect of interferon beta-1b treatment on MRI measures of cerebral atrophy in secondary progressive multiple sclerosis. European Study Group on Interferon beta-1b in secondary progressive multiple sclerosis. <i>Brain</i> , <b>2000</b> , 123 ( Pt 11), 2256-63	11.2	214
1302	Magnetisation transfer ratio and mean diffusivity of normal appearing white and grey matter from patients with multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2001</b> , 70, 311-7	5.5	213
1301	White matter damage in Alzheimer disease and its relationship to gray matter atrophy. <i>Radiology</i> , <b>2011</b> , 258, 853-63	20.5	212
1300	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
1299	Secondary progressive multiple sclerosis: current knowledge and future challenges. <i>Lancet Neurology, The</i> , <b>2006</b> , 5, 343-54	24.1	206

1298	Cortical adaptation in patients with MS: a cross-sectional functional MRI study of disease phenotypes. <i>Lancet Neurology, The</i> , <b>2005</b> , 4, 618-26	24.1	205
1297	A randomised, double blind, placebo controlled trial with vitamin D3 as an add on treatment to interferon $\beta$ 1b in patients with multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 565-71	5.5	203
1296	Rapid semi-automatic segmentation of the spinal cord from magnetic resonance images: application in multiple sclerosis. <i>NeuroImage</i> , <b>2010</b> , 50, 446-55	7.9	203
1295	The current state-of-the-art of spinal cord imaging: methods. <i>NeuroImage</i> , <b>2014</b> , 84, 1070-81	7.9	201
1294	Mechanisms of action of disease-modifying agents and brain volume changes in multiple sclerosis. <i>Neurology</i> , <b>2008</b> , 71, 136-44	6.5	201
1293	Safety and efficacy of ofatumumab in relapsing-remitting multiple sclerosis: a phase 2 study. <i>Neurology</i> , <b>2014</b> , 82, 573-81	6.5	200
1292	Adaptive functional changes in the cerebral cortex of patients with nondisabling multiple sclerosis correlate with the extent of brain structural damage. <i>Annals of Neurology</i> , <b>2002</b> , 51, 330-9	9.4	197
1291	Magnetic resonance studies of abnormalities in the normal appearing white matter and grey matter in multiple sclerosis. <i>Journal of Neurology</i> , <b>2003</b> , 250, 1407-19	5.5	195
1290	MRI and the diagnosis of multiple sclerosis: expanding the concept of "no better explanation". <i>Lancet Neurology, The</i> , <b>2006</b> , 5, 841-52	24.1	194
1289	Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , <b>2017</b> , 81, 430-443	9.4	192
1288	Cognitive function in primary progressive and transitional progressive multiple sclerosis: a controlled study with MRI correlates. <i>Brain</i> , <b>1999</b> , 122 ( Pt 7), 1341-8	11.2	192
1287	Disease-Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. <i>Annals of Neurology</i> , <b>2021</b> , 89, 780-789	9.4	189
1286	MRI criteria for MS in patients with clinically isolated syndromes. <i>Neurology</i> , <b>2010</b> , 74, 427-34	6.5	187
1285	MR imaging of multiple sclerosis. <i>Radiology</i> , <b>2011</b> , 259, 659-81	20.5	187
1284	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
1283	Cognitive dysfunction in patients with mildly disabling relapsing-remitting multiple sclerosis: an exploratory study with diffusion tensor MR imaging. <i>Journal of the Neurological Sciences</i> , <b>2002</b> , 195, 103-9	3.2	185
1282	A quantitative study of water diffusion in multiple sclerosis lesions and normal-appearing white matter using echo-planar imaging. <i>Archives of Neurology</i> , <b>2000</b> , 57, 1017-21		184
1281	Spinal-cord MRI in multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2003</b> , 2, 555-62	24.1	181

1280	Language networks in semantic dementia. <i>Brain</i> , <b>2010</b> , 133, 286-99	11.2	180
1279	Cortical lesions in multiple sclerosis. <i>Nature Reviews Neurology</i> , <b>2010</b> , 6, 438-44	15	179
1278	Pathologic damage in MS assessed by diffusion-weighted and magnetization transfer MRI. <i>Neurology</i> , <b>2000</b> , 54, 1139-44	6.5	176
1277	Follow-up of interhemispheric differences of motor evoked potentials from the 'affected' and 'unaffected' hemispheres in human stroke. <i>Brain Research</i> , <b>1998</b> , 803, 1-8	3.7	171
1276	A voxel-based morphometry study of grey matter loss in MS patients with different clinical phenotypes. <i>NeuroImage</i> , <b>2008</b> , 42, 315-22	7.9	170
1275	European/Canadian multicenter, double-blind, randomized, placebo-controlled study of the effects of glatiramer acetate on magnetic resonance imaging--measured disease activity and burden in patients with relapsing multiple sclerosis. European/Canadian Glatiramer Acetate Study Group. <i>Annals of Neurology</i> , <b>2001</b> , 49, 298-7	9.4	170
1274	A magnetization transfer histogram study of normal-appearing brain tissue in MS. <i>Neurology</i> , <b>2000</b> , 54, 186-93	6.5	169
1273	A method for obtaining tract-specific diffusion tensor MRI measurements in the presence of disease: application to patients with clinically isolated syndromes suggestive of multiple sclerosis. <i>NeuroImage</i> , <b>2005</b> , 26, 258-65	7.9	168
1272	Quantification of tissue damage in AD using diffusion tensor and magnetization transfer MRI. <i>Neurology</i> , <b>2001</b> , 57, 1135-7	6.5	164
1271	Automated classification of Alzheimer's disease and mild cognitive impairment using a single MRI and deep neural networks. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101645	5.3	163
1270	Correlations between structural CNS damage and functional MRI changes in primary progressive MS. <i>NeuroImage</i> , <b>2002</b> , 15, 537-46	7.9	159
1269	Quantitative assessment of MRI lesion load in monitoring the evolution of multiple sclerosis. <i>Brain</i> , <b>1995</b> , 118 ( Pt 6), 1601-12	11.2	157
1268	Multicenter Case-Control Study on Restless Legs Syndrome in Multiple Sclerosis: the REMS Study. <i>Sleep</i> , <b>2008</b> , 31, 944-952	1.1	156
1267	The contribution of voxel-based morphometry in staging patients with mild cognitive impairment. <i>Neurology</i> , <b>2006</b> , 67, 453-60	6.5	156
1266	Assessment of system dysfunction in the brain through MRI-based connectomics. <i>Lancet Neurology</i> , <b>2013</b> , 12, 1189-99	24.1	155
1265	Autologous hematopoietic stem cell transplantation in multiple sclerosis: a phase II trial. <i>Neurology</i> , <b>2015</b> , 84, 981-8	6.5	155
1264	Mean diffusivity and fractional anisotropy histograms of patients with multiple sclerosis. <i>American Journal of Neuroradiology</i> , <b>2001</b> , 22, 952-8	4.4	153
1263	MRI T2 lesion burden in multiple sclerosis: a plateauing relationship with clinical disability. <i>Neurology</i> , <b>2006</b> , 66, 1384-9	6.5	152

1262	Magnetic resonance imaging pattern in natalizumab-associated progressive multifocal leukoencephalopathy. <i>Annals of Neurology</i> , <b>2012</b> , 72, 779-87	9.4	151
1261	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , <b>2019</b> , 142, 1858-1875	11.2	150
1260	MRI and magnetization transfer imaging changes in the brain and cervical cord of patients with Devic's neuromyelitis optica. <i>Neurology</i> , <b>1999</b> , 53, 1705-10	6.5	150
1259	Brain MRI correlates of cognitive impairment in primary and secondary progressive multiple sclerosis. <i>Journal of the Neurological Sciences</i> , <b>1995</b> , 132, 222-7	3.2	150
1258	Functional network connectivity in the behavioral variant of frontotemporal dementia. <i>Cortex</i> , <b>2013</b> , 49, 2389-401	3.8	149
1257	Intra-observer reproducibility in measuring new putative MR markers of demyelination and axonal loss in multiple sclerosis: a comparison with conventional T2-weighted images. <i>Journal of Neurology</i> , <b>1997</b> , 244, 266-70	5.5	148
1256	Assessment of normal-appearing white and gray matter in patients with primary progressive multiple sclerosis: a diffusion-tensor magnetic resonance imaging study. <i>Archives of Neurology</i> , <b>2002</b> , 59, 1406-12		148
1255	Primary and transitional progressive MS: a clinical and MRI cross-sectional study. <i>Neurology</i> , <b>1999</b> , 52, 839-45	6.5	148
1254	Multiple sclerosis: effects of cognitive rehabilitation on structural and functional MR imaging measures--an explorative study. <i>Radiology</i> , <b>2012</b> , 262, 932-40	20.5	147
1253	Quantitative assessment of MRI lesion load in multiple sclerosis. A comparison of conventional spin-echo with fast fluid-attenuated inversion recovery. <i>Brain</i> , <b>1996</b> , 119 ( Pt 4), 1349-55	11.2	147
1252	Neuroimaging in amyotrophic lateral sclerosis: insights into structural and functional changes. <i>Lancet Neurology</i> , <b>2014</b> , 13, 1228-40	24.1	146
1251	The utility of MRI in suspected MS: report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. <i>Neurology</i> , <b>2003</b> , 61, 602-11	6.5	146
1250	Progression of regional grey matter atrophy in multiple sclerosis. <i>Brain</i> , <b>2018</b> , 141, 1665-1677	11.2	146
1249	The current state-of-the-art of spinal cord imaging: applications. <i>NeuroImage</i> , <b>2014</b> , 84, 1082-93	7.9	142
1248	Correlations between monthly enhanced MRI lesion rate and changes in T2 lesion volume in multiple sclerosis. <i>Annals of Neurology</i> , <b>1998</b> , 43, 332-9	9.4	142
1247	Autologous hematopoietic stem cell transplantation suppresses Gd-enhanced MRI activity in MS. <i>Neurology</i> , <b>2001</b> , 57, 62-8	6.5	139
1246	MRI techniques to monitor MS evolution: the present and the future. <i>Neurology</i> , <b>2002</b> , 58, 1147-53	6.5	138
1245	Changes in the normal appearing brain tissue and cognitive impairment in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2000</b> , 68, 157-61	5.5	137



1244	The contribution of MRI in assessing cognitive impairment in multiple sclerosis. <i>Neurology</i> , <b>2010</b> , 75, 2121-8	6.5	135
1243	Apolipoprotein E epsilon4 is associated with disease-specific effects on brain atrophy in Alzheimer's disease and frontotemporal dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21818-22	11.5	135
1242	Voxel-based morphometry study of brain volumetry and diffusivity in amyotrophic lateral sclerosis patients with mild disability. <i>Human Brain Mapping</i> , <b>2007</b> , 28, 1430-8	5.9	135
1241	Brain MRI atrophy quantification in MS: From methods to clinical application. <i>Neurology</i> , <b>2017</b> , 88, 403-413	6.5	134
1240	Intracortical lesions: relevance for new MRI diagnostic criteria for multiple sclerosis. <i>Neurology</i> , <b>2010</b> , 75, 1988-94	6.5	134
1239	Longitudinal changes in fiber tract integrity in healthy aging and mild cognitive impairment: a DTI follow-up study. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 507-22	4.3	134
1238	Autologous HSCT for severe progressive multiple sclerosis in a multicenter trial: impact on disease activity and quality of life. <i>Blood</i> , <b>2005</b> , 105, 2601-7	2.2	134
1237	Gray matter damage predicts the accumulation of disability 13 years later in MS. <i>Neurology</i> , <b>2013</b> , 81, 1759-67	6.5	133
1236	Magnetization transfer MRI metrics predict the accumulation of disability 8 years later in patients with multiple sclerosis. <i>Brain</i> , <b>2006</b> , 129, 2620-7	11.2	132
1235	Nocturnal sleep study in multiple sclerosis: correlations with clinical and brain magnetic resonance imaging findings. <i>Journal of the Neurological Sciences</i> , <b>1994</b> , 125, 194-7	3.2	132
1234	A selective review of structural connectivity abnormalities of schizophrenic patients at different stages of the disease. <i>Schizophrenia Research</i> , <b>2015</b> , 161, 19-28	3.6	131
1233	Evidence for widespread movement-associated functional MRI changes in patients with PPMS. <i>Neurology</i> , <b>2002</b> , 58, 866-72	6.5	131
1232	Quantification of brain gray matter damage in different MS phenotypes by use of diffusion tensor MR imaging. <i>American Journal of Neuroradiology</i> , <b>2002</b> , 23, 985-8	4.4	131
1231	Large-scale neuronal network dysfunction in relapsing-remitting multiple sclerosis. <i>Neurology</i> , <b>2012</b> , 79, 1449-57	6.5	130
1230	In vivo assessment of cervical cord damage in MS patients: a longitudinal diffusion tensor MRI study. <i>Brain</i> , <b>2007</b> , 130, 2211-9	11.2	130
1229	Magnetization transfer imaging to monitor the evolution of MS: a 1-year follow-up study. <i>Neurology</i> , <b>2000</b> , 55, 940-6	6.5	130
1228	Towards a neuroimaging biomarker for amyotrophic lateral sclerosis. <i>Lancet Neurology</i> , <b>2011</b> , 10, 400-3	24.1	129
1227	In vivo assessment of the brain and cervical cord pathology of patients with primary progressive multiple sclerosis. <i>Brain</i> , <b>2001</b> , 124, 2540-9	11.2	129



1226	Brain reserve and cognitive reserve protect against cognitive decline over 4.5 years in MS. <i>Neurology</i> , <b>2014</b> , 82, 1776-83	6.5	124
1225	Inflammation in multiple sclerosis: the good, the bad, and the complex. <i>Lancet Neurology</i> , <b>2002</b> , 1, 499-509	24.1	124
1224	Evidence for axonal pathology and adaptive cortical reorganization in patients at presentation with clinically isolated syndromes suggestive of multiple sclerosis. <i>NeuroImage</i> , <b>2003</b> , 18, 847-55	7.9	122
1223	Cortical/subcortical disease burden and cognitive impairment in patients with multiple sclerosis. <i>American Journal of Neuroradiology</i> , <b>2000</b> , 21, 402-8	4.4	122
1222	Regional patterns of brain tissue loss associated with depression in Parkinson disease. <i>Neurology</i> , <b>2010</b> , 75, 857-63	6.5	121
1221	Age-related changes in conventional, magnetization transfer, and diffusion-tensor MR imaging findings: study with whole-brain tissue histogram analysis. <i>Radiology</i> , <b>2003</b> , 227, 731-8	20.5	121
1220	Weekly diffusion-weighted imaging of normal-appearing white matter in MS. <i>Neurology</i> , <b>2000</b> , 55, 882-46.5	46.5	121
1219	Guidelines for using quantitative measures of brain magnetic resonance imaging abnormalities in monitoring the treatment of multiple sclerosis. <i>Annals of Neurology</i> , <b>1998</b> , 43, 499-506	9.4	120
1218	A 3-year magnetic resonance imaging study of cortical lesions in relapse-onset multiple sclerosis. <i>Annals of Neurology</i> , <b>2010</b> , 67, 376-83	9.4	118
1217	Evidence of thalamic gray matter loss in pediatric multiple sclerosis. <i>Neurology</i> , <b>2008</b> , 70, 1107-12	6.5	118
1216	A conventional and magnetization transfer MRI study of the cervical cord in patients with MS. <i>Neurology</i> , <b>2000</b> , 54, 207-13	6.5	118
1215	White matter damage in frontotemporal lobar degeneration spectrum. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 2705-14.1	14.1	117
1214	Assessment of white matter tract damage in patients with amyotrophic lateral sclerosis: a diffusion tensor MR imaging tractography study. <i>American Journal of Neuroradiology</i> , <b>2010</b> , 31, 1457-61	4.4	117
1213	Functional basis of memory impairment in multiple sclerosis: a [18F]FDG PET study. <i>NeuroImage</i> , <b>1996</b> , 4, 87-96	7.9	117
1212	Divergent brain network connectivity in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 419-27	5.6	116
1211	Persistent 7-tesla phase rim predicts poor outcome in new multiple sclerosis patient lesions. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2597-609	15.9	116
1210	A multicenter assessment of cervical cord atrophy among MS clinical phenotypes. <i>Neurology</i> , <b>2011</b> , 76, 2096-102	6.5	114
1209	Whole brain volume changes in patients with progressive MS treated with cladribine. <i>Neurology</i> , <b>2000</b> , 55, 1714-8	6.5	114

1208	Brain reserve and cognitive reserve in multiple sclerosis: what you've got and how you use it. <i>Neurology</i> , <b>2013</b> , 80, 2186-93	6.5	112
1207	Clinically isolated syndromes suggestive of multiple sclerosis, part 2: non-conventional MRI, recovery processes, and management. <i>Lancet Neurology</i> , <b>2005</b> , 4, 341-8	24.1	112
1206	Subregional basal forebrain atrophy in Alzheimer's disease: a multicenter study. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 40, 687-700	4.3	111
1205	The organization of intrinsic brain activity differs between genders: a resting-state fMRI study in a large cohort of young healthy subjects. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 1330-43	5.9	111
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1203	Grey matter damage predicts the evolution of primary progressive multiple sclerosis at 5 years. <i>Brain</i> , <b>2006</b> , 129, 2628-34	11.2	111
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1201	A large-scale multicentre cerebral diffusion tensor imaging study in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 570-9	5.5	110
1200	Comparison of triple dose versus standard dose gadolinium-DTPA for detection of MRI enhancing lesions in patients with MS. <i>Neurology</i> , <b>1996</b> , 46, 379-84	6.5	110
1199	Magnetization transfer and diffusion tensor MRI show gray matter damage in neuromyelitis optica. <i>Neurology</i> , <b>2004</b> , 62, 476-8	6.5	109
1198	Cortical lesions in primary progressive multiple sclerosis: a 2-year longitudinal MR study. <i>Neurology</i> , <b>2009</b> , 72, 1330-6	6.5	108
1197	High prevalence of restless legs syndrome in multiple sclerosis. <i>European Journal of Neurology</i> , <b>2007</b> , 14, 534-9	6	108
1196	Mean diffusivity and fractional anisotropy histogram analysis of the cervical cord in MS patients. <i>NeuroImage</i> , <b>2005</b> , 26, 822-8	7.9	108
1195	A spinal cord MRI study of benign and secondary progressive multiple sclerosis. <i>Journal of Neurology</i> , <b>1996</b> , 243, 502-5	5.5	108
1194	Tract-specific white matter structural disruption in patients with bipolar disorder. <i>Bipolar Disorders</i> , <b>2011</b> , 13, 414-24	3.8	107
1193	Thalamic damage and long-term progression of disability in multiple sclerosis. <i>Radiology</i> , <b>2010</b> , 257, 463-9	9.5	107
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1188	Regional brain atrophy evolves differently in patients with multiple sclerosis according to clinical phenotype. <i>American Journal of Neuroradiology</i> , <b>2005</b> , 26, 341-6	4.4	106
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1184	Assessment of white matter tract damage in mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , <b>2010</b> , 31, 1862-75	5.9	102
1183	Imaging biomarkers in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 770-88	5.6	102
1182	Influence of aging on brain gray and white matter changes assessed by conventional, MT, and DT MRI. <i>Neurology</i> , <b>2006</b> , 66, 535-9	6.5	101
1181	Brain network connectivity assessed using graph theory in frontotemporal dementia. <i>Neurology</i> , <b>2013</b> , 81, 134-43	6.5	99
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762	Magnetization transfer magnetic resonance imaging and clinical changes in patients with relapsing-remitting multiple sclerosis. <i>Archives of Neurology</i> , <b>2006</b> , 63, 736-40		3 <sup>0</sup>
761	Axonal injury and overall tissue loss are not related in primary progressive multiple sclerosis. <i>Archives of Neurology</i> , <b>2005</b> , 62, 898-902		3 <sup>0</sup>
760	Correlation between brain MRI lesion volume and disability in patients with multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , <b>1996</b> , 94, 93-6	3.8	3 <sup>0</sup>
759	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	2 <sup>9</sup>

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753	The effect of action observation/execution on mirror neuron system recruitment: an fMRI study in healthy individuals. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 565-576	4.1	28
752	Structural brain abnormalities in patients with vestibular migraine. <i>Journal of Neurology</i> , <b>2017</b> , 264, 295-303	3.9	28
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750	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , <b>2016</b> , 134, 281-294	7.9	28
749	Brain MR Imaging in Patients with Lower Motor Neuron-Predominant Disease. <i>Radiology</i> , <b>2016</b> , 280, 545-555	2.5	28
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746	Neutralizing antibodies to interferon beta-1b multiple sclerosis: a clinico-radiographic paradox in the BEYOND trial. <i>Multiple Sclerosis Journal</i> , <b>2012</b> , 18, 181-95	5	28
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