

Massimo Filippi

List of Publications by Year in descending order

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Version: 2024-02-01

1,413
papers

98,756
citations

336

137
h-index

736

251
g-index

1469
all docs

1469
docs citations

1469
times ranked

42583
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic criteria for multiple sclerosis: 2010 Revisions to the McDonald criteria. <i>Annals of Neurology</i> , 2011, 69, 292-302.	5.3	8,001
2	Diagnosis of multiple sclerosis: 2017 revisions of the McDonald criteria. <i>Lancet Neurology</i> , The, 2018, 17, 162-173.	10.2	4,605
3	Diagnostic criteria for multiple sclerosis: 2005 revisions to the "McDonald Criteria". <i>Annals of Neurology</i> , 2005, 58, 840-846.	5.3	4,495
4	Comparison of MRI criteria at first presentation to predict conversion to clinically definite multiple sclerosis. <i>Brain</i> , 1997, 120, 2059-2069.	7.6	1,077
5	Effect of early interferon treatment on conversion to definite multiple sclerosis: a randomised study. <i>Lancet</i> , The, 2001, 357, 1576-1582.	13.7	1,025
6	Multiple sclerosis. <i>Nature Reviews Disease Primers</i> , 2018, 4, 43.	30.5	767
7	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> , 2001, 49, 290-297.	5.3	695
8	MRI criteria for the diagnosis of multiple sclerosis: MAGNIMS consensus guidelines. <i>Lancet Neurology</i> , The, 2016, 15, 292-303.	10.2	679
9	Differential diagnosis of suspected multiple sclerosis: a consensus approach. <i>Multiple Sclerosis Journal</i> , 2008, 14, 1157-1174.	3.0	560
10	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> , The, 2009, 374, 1503-1511.	13.7	551
11	Clinically isolated syndromes suggestive of multiple sclerosis, part I: natural history, pathogenesis, diagnosis, and prognosis. <i>Lancet Neurology</i> , The, 2005, 4, 281-288.	10.2	513
12	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. <i>Nature Medicine</i> , 2000, 6, 1176-1182.	30.7	506
13	Resting state fMRI in Alzheimer's disease: beyond the default mode network. <i>Neurobiology of Aging</i> , 2012, 33, 1564-1578.	3.1	497
14	Diffusion tensor magnetic resonance imaging in multiple sclerosis. <i>Neurology</i> , 2001, 56, 304-311.	1.1	491
15	White matter damage in Alzheimer's disease assessed in vivo using diffusion tensor magnetic resonance imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 742-746.	1.9	486
16	Predictive value of gadolinium-enhanced magnetic resonance imaging for relapse rate and changes in disability or impairment in multiple sclerosis: a meta-analysis. <i>Lancet</i> , The, 1999, 353, 964-969.	13.7	476
17	Cortical Lesions and Atrophy Associated With Cognitive Impairment in Relapsing-Remitting Multiple Sclerosis. <i>Archives of Neurology</i> , 2009, 66, 1144-50.	4.5	458
18	Evidence of early cortical atrophy in MS. <i>Neurology</i> , 2003, 60, 1157-1162.	1.1	446

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19	Clinical and imaging assessment of cognitive dysfunction in multiple sclerosis. <i>Lancet Neurology</i> , The, 2015, 14, 302-317.	10.2	437
20	MAGNIMS consensus guidelines on the use of MRI in multiple sclerosisâ€”establishing disease prognosis and monitoring patients. <i>Nature Reviews Neurology</i> , 2015, 11, 597-606.	10.1	422
21	Cognition in multiple sclerosis. <i>Neurology</i> , 2018, 90, 278-288.	1.1	384
22	250 ð¼g or 500 ð¼g interferon beta-1b versus 20 mg glatiramer acetate in relapsing-remitting multiple sclerosis: a prospective, randomised, multicentre study. <i>Lancet Neurology</i> , The, 2009, 8, 889-897.	10.2	377
23	Diseaseâ€”Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. <i>Annals of Neurology</i> , 2021, 89, 780-789.	5.3	370
24	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> , 1998, 43, 809-814.	5.3	356
25	Diagnostic criteria for primary progressive multiple sclerosis: A position paper. <i>Annals of Neurology</i> , 2000, 47, 831-835.	5.3	356
26	Association between pathological and MRI findings in multiple sclerosis. <i>Lancet Neurology</i> , The, 2012, 11, 349-360.	10.2	356
27	MAGNIMS consensus guidelines on the use of MRI in multiple sclerosisâ€”clinical implementation in the diagnostic process. <i>Nature Reviews Neurology</i> , 2015, 11, 471-482.	10.1	354
28	A Magnetization Transfer Imaging Study of Normal-Appearing White Matter in Multiple Sclerosis. <i>Neurology</i> , 1995, 45, 478-482.	1.1	353
29	Automated classification of Alzheimer's disease and mild cognitive impairment using a single MRI and deep neural networks. <i>NeuroImage: Clinical</i> , 2019, 21, 101645.	2.7	352
30	Functional Magnetic Resonance Imaging Correlates of Fatigue in Multiple Sclerosis. <i>NeuroImage</i> , 2002, 15, 559-567.	4.2	349
31	Placebo-Controlled Trial of Oral Laquinimod for Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2012, 366, 1000-1009.	27.0	329
32	Evidence for widespread axonal damage at the earliest clinical stage of multiple sclerosis. <i>Brain</i> , 2003, 126, 433-437.	7.6	324
33	Genomeâ€”wide metaâ€”analysis identifies novel multiple sclerosis susceptibility loci. <i>Annals of Neurology</i> , 2011, 70, 897-912.	5.3	314
34	Quantitative brain MRI lesion load predicts the course of clinically isolated syndromes suggestive of multiple sclerosis. <i>Neurology</i> , 1994, 44, 635-635.	1.1	313
35	Cladribine and progressive MS. <i>Neurology</i> , 2000, 54, 1145-1155.	1.1	310
36	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , 2019, 142, 1858-1875.	7.6	303

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37	2021 MAGNIMSâ€“CMSCâ€“NAIMS consensus recommendations on the use of MRI in patients with multiple sclerosis. <i>Lancet Neurology</i> , The, 2021, 20, 653-670.	10.2	302
38	MRI in multiple sclerosis: current status and future prospects. <i>Lancet Neurology</i> , The, 2008, 7, 615-625.	10.2	295
39	Deep gray matter volume loss drives disability worsening in multiple sclerosis. <i>Annals of Neurology</i> , 2018, 83, 210-222.	5.3	295
40	Correlations between changes in disability and T ₂ -weighted brain MRI activity in multiple sclerosis. <i>Neurology</i> , 1995, 45, 255-260.	1.1	292
41	MRI criteria for multiple sclerosis in patients presenting with clinically isolated syndromes: a multicentre retrospective study. <i>Lancet Neurology</i> , The, 2007, 6, 677-686.	10.2	292
42	Default-mode network dysfunction and cognitive impairment in progressive MS. <i>Neurology</i> , 2010, 74, 1252-1259.	1.1	292
43	Brain Gray Matter Changes in Migraine Patients With T2-Visible Lesions. <i>Stroke</i> , 2006, 37, 1765-1770.	2.0	291
44	Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , 2017, 81, 430-443.	5.3	288
45	Assessing brain atrophy rates in a large population of untreated multiple sclerosis subtypes. <i>Neurology</i> , 2010, 74, 1868-1876.	1.1	284
46	White matter damage in primary progressive aphasias: a diffusion tensor tractography study. <i>Brain</i> , 2011, 134, 3011-3029.	7.6	280
47	Glatiramer acetate reduces the proportion of new MS lesions evolving into â€œblack holesâ€“. <i>Neurology</i> , 2001, 57, 731-733.	1.1	274
48	Progression of regional grey matter atrophy in multiple sclerosis. <i>Brain</i> , 2018, 141, 1665-1677.	7.6	269
49	Brain atrophy and lesion load predict long term disability in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1082-1091.	1.9	267
50	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</i> , The, 2008, 371, 2085-2092.	13.7	265
51	The contribution of magnetic resonance imaging to the diagnosis of multiple sclerosis. <i>Neurology</i> , 1999, 53, 448-448.	1.1	263
52	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> , 2001, 70, 311-317.	1.9	263
53	White Matter Damage in Alzheimer Disease and Its Relationship to Gray Matter Atrophy. <i>Radiology</i> , 2011, 258, 853-863.	7.3	263
54	Evidence of thalamic gray matter loss in pediatric multiple sclerosis. <i>Neurology</i> , 2008, 70, 1107-1112.	1.1	258

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55	The current state-of-the-art of spinal cord imaging: Methods. <i>NeuroImage</i> , 2014, 84, 1070-1081.	4.2	256
56	Relation between MR abnormalities and patterns of cognitive impairment in multiple sclerosis. <i>Neurology</i> , 1998, 50, 1601-1608.	1.1	253
57	Diffusion MRI in multiple sclerosis. <i>Neurology</i> , 2005, 65, 1526-1532.	1.1	252
58	Safety and efficacy of ofatumumab in relapsing-remitting multiple sclerosis. <i>Neurology</i> , 2014, 82, 573-581.	1.1	249
59	Clinical characteristics, course and prognosis of relapsing Devic's Neuromyelitis Optica. <i>Journal of Neurology</i> , 2004, 251, 47-52.	3.6	246
60	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</i> , The, 2004, 364, 1489-1496.	13.7	246
61	Secondary progressive multiple sclerosis: current knowledge and future challenges. <i>Lancet Neurology</i> , The, 2006, 5, 343-354.	10.2	246
62	The effect of interferon beta-1b treatment on MRI measures of cerebral atrophy in secondary progressive multiple sclerosis. <i>Brain</i> , 2000, 123, 2256-2263.	7.6	242
63	A randomised, double blind, placebo controlled trial with vitamin D ₃ as an add on treatment to interferon β ² -1b in patients with multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 565-571.	1.9	242
64	Comparison of MS clinical phenotypes using conventional and magnetization transfer MRI. <i>Neurology</i> , 1999, 52, 588-588.	1.1	241
65	MR Imaging of Multiple Sclerosis. <i>Radiology</i> , 2011, 259, 659-681.	7.3	238
66	Cortical adaptation in patients with MS: a cross-sectional functional MRI study of disease phenotypes. <i>Lancet Neurology</i> , The, 2005, 4, 618-626.	10.2	235
67	Rapid semi-automatic segmentation of the spinal cord from magnetic resonance images: Application in multiple sclerosis. <i>NeuroImage</i> , 2010, 50, 446-455.	4.2	234
68	MRI criteria for MS in patients with clinically isolated syndromes. <i>Neurology</i> , 2010, 74, 427-434.	1.1	231
69	Mechanisms of action of disease-modifying agents and brain volume changes in multiple sclerosis. <i>Neurology</i> , 2008, 71, 136-144.	1.1	227
70	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> , 2002, 51, 330-339.	5.3	224
71	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> , 2001, 49, 290-7.	5.3	224
72	Cognitive function in primary progressive and transitional progressive multiple sclerosis: A controlled study with MRI correlates. <i>Brain</i> , 1999, 122, 1341-1348.	7.6	223

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73	Cortical lesions in multiple sclerosis. <i>Nature Reviews Neurology</i> , 2010, 6, 438-444.	10.1	221
74	Language networks in semantic dementia. <i>Brain</i> , 2010, 133, 286-299.	7.6	220
75	MRI and the diagnosis of multiple sclerosis: expanding the concept of "no better explanation". <i>Lancet Neurology</i> , The, 2006, 5, 841-852.	10.2	217
76	Magnetic resonance studies of abnormalities in the normal appearing white matter and grey matter in multiple sclerosis. <i>Journal of Neurology</i> , 2003, 250, 1407-1419.	3.6	216
77	Spinal-cord MRI in multiple sclerosis. <i>Lancet Neurology</i> , The, 2003, 2, 555-562.	10.2	213
78	Persistent 7-tesla phase rim predicts poor outcome in new multiple sclerosis patient lesions. <i>Journal of Clinical Investigation</i> , 2016, 126, 2597-2609.	8.2	212
79	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> , 2002, 195, 103-109.	0.6	208
80	A Quantitative Study of Water Diffusion in Multiple Sclerosis Lesions and Normal-Appearing White Matter Using Echo-Planar Imaging. <i>Archives of Neurology</i> , 2000, 57, 1017.	4.5	203
81	Neuroimaging in amyotrophic lateral sclerosis: insights into structural and functional changes. <i>Lancet Neurology</i> , The, 2014, 13, 1228-1240.	10.2	201
82	Autologous hematopoietic stem cell transplantation in multiple sclerosis. <i>Neurology</i> , 2015, 84, 981-988.	1.1	201
83	Pathologic damage in MS assessed by diffusion-weighted and magnetization transfer MRI. <i>Neurology</i> , 2000, 54, 1139-1144.	1.1	193
84	Follow-up of interhemispheric differences of motor evoked potentials from the 'affected' and 'unaffected' hemispheres in human stroke. <i>Brain Research</i> , 1998, 803, 1-8.	2.2	191
85	A voxel-based morphometry study of grey matter loss in MS patients with different clinical phenotypes. <i>NeuroImage</i> , 2008, 42, 315-322.	4.2	189
86	Brain MRI atrophy quantification in MS. <i>Neurology</i> , 2017, 88, 403-413.	1.1	188
87	Assessment of system dysfunction in the brain through MRI-based connectomics. <i>Lancet Neurology</i> , The, 2013, 12, 1189-1199.	10.2	184
88	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> , 2005, 26, 258-265.	4.2	182
89	MRI T2 lesion burden in multiple sclerosis: A plateauing relationship with clinical disability. <i>Neurology</i> , 2006, 66, 1384-1389.	1.1	182
90	Magnetic resonance imaging pattern in natalizumab-associated progressive multifocal leukoencephalopathy. <i>Annals of Neurology</i> , 2012, 72, 779-787.	5.3	182

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91	Functional network connectivity in the behavioral variant of frontotemporal dementia. <i>Cortex</i> , 2013, 49, 2389-2401.	2.4	182
92	Quantification of tissue damage in AD using diffusion tensor and magnetization transfer MRI. <i>Neurology</i> , 2001, 57, 1135-1137.	1.1	181
93	Assessment of Normal-Appearing White and Gray Matter in Patients With Primary Progressive Multiple Sclerosis. <i>Archives of Neurology</i> , 2002, 59, 1406-12.	4.5	180
94	The utility of MRI in suspected MS [RETIRED]. <i>Neurology</i> , 2003, 61, 602-611.	1.1	178
95	Quantitative assessment of MRI lesion load in monitoring the evolution of multiple sclerosis. <i>Brain</i> , 1995, 118, 1601-1612.	7.6	176
96	Multiple Sclerosis: Effects of Cognitive Rehabilitation on Structural and Functional MR Imaging Measures—An Explorative Study. <i>Radiology</i> , 2012, 262, 932-940.	7.3	176
97	Multicenter Case-Control Study on Restless Legs Syndrome in Multiple Sclerosis: the REMS Study. <i>Sleep</i> , 2008, 31, 944-952.	1.1	175
98	A magnetization transfer histogram study of normal-appearing brain tissue in MS. <i>Neurology</i> , 2000, 54, 186-186.	1.1	174
99	Gray matter damage predicts the accumulation of disability 13 years later in MS. <i>Neurology</i> , 2013, 81, 1759-1767.	1.1	174
100	Correlations between Structural CNS Damage and Functional MRI Changes in Primary Progressive MS. <i>NeuroImage</i> , 2002, 15, 537-546.	4.2	173
101	The contribution of voxel-based morphometry in staging patients with mild cognitive impairment. <i>Neurology</i> , 2006, 67, 453-460.	1.1	173
102	Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 687-700.	2.6	173
103	MRI and magnetization transfer imaging changes in the brain and cervical cord of patients with Devic's neuromyelitis optica. <i>Neurology</i> , 1999, 53, 1705-1705.	1.1	172
104	Primary and transitional progressive MS. <i>Neurology</i> , 1999, 52, 839-839.	1.1	171
105	Changes in the normal appearing brain tissue and cognitive impairment in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000, 68, 157-161.	1.9	171
106	The current state-of-the-art of spinal cord imaging: Applications. <i>NeuroImage</i> , 2014, 84, 1082-1093.	4.2	169
107	Brain MRI correlates of cognitive impairment in primary and secondary progressive multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1995, 132, 222-227.	0.6	167
108	The contribution of MRI in assessing cognitive impairment in multiple sclerosis. <i>Neurology</i> , 2010, 75, 2121-2128.	1.1	166

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109	Quantitative assessment of MRI lesion load in multiple sclerosis: A comparison of conventional spin-echo with fast fluidattenuated inversion recovery. <i>Brain</i> , 1996, 119, 1349-1355.	7.6	164
110	Large-scale neuronal network dysfunction in relapsing-remitting multiple sclerosis. <i>Neurology</i> , 2012, 79, 1449-1457.	1.1	164
111	In vivo assessment of the brain and cervical cord pathology of patients with primary progressive multiple sclerosis. <i>Brain</i> , 2001, 124, 2540-2549.	7.6	163
112	Association between pathological and MRI findings in multiple sclerosis. <i>Lancet Neurology</i> , The, 2019, 18, 198-210.	10.2	163
113	Automatic segmentation of the spinal cord and intramedullary multiple sclerosis lesions with convolutional neural networks. <i>NeuroImage</i> , 2019, 184, 901-915.	4.2	163
114	Mean diffusivity and fractional anisotropy histograms of patients with multiple sclerosis. <i>American Journal of Neuroradiology</i> , 2001, 22, 952-8.	2.4	163
115	Central vein sign differentiates Multiple Sclerosis from central nervous system inflammatory vasculopathies. <i>Annals of Neurology</i> , 2018, 83, 283-294.	5.3	160
116	Intracortical lesions. <i>Neurology</i> , 2010, 75, 1988-1994.	1.1	159
117	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> , 2010, 22, 507-522.	2.6	157
118	The current role of MRI in differentiating multiple sclerosis from its imaging mimics. <i>Nature Reviews Neurology</i> , 2018, 14, 199-213.	10.1	157
119	Behavioral and Psychological Effects of Coronavirus Disease-19 Quarantine in Patients With Dementia. <i>Frontiers in Psychiatry</i> , 2020, 11, 578015.	2.6	157
120	Autologous hematopoietic stem cell transplantation suppresses Gd-enhanced MRI activity in MS. <i>Neurology</i> , 2001, 57, 62-68.	1.1	156
121	Towards a neuroimaging biomarker for amyotrophic lateral sclerosis. <i>Lancet Neurology</i> , The, 2011, 10, 400-403.	10.2	156
122	Brain reserve and cognitive reserve protect against cognitive decline over 4.5 years in MS. <i>Neurology</i> , 2014, 82, 1776-1783.	1.1	156
123	A selective review of structural connectivity abnormalities of schizophrenic patients at different stages of the disease. <i>Schizophrenia Research</i> , 2015, 161, 19-28.	2.0	155
124	Apolipoprotein E ϵ 4 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> , 2009, 106, 2018-2022.	7.1	154
125	Brain structural and functional connectivity in Parkinson's disease with freezing of gait. <i>Human Brain Mapping</i> , 2015, 36, 5064-5078.	3.6	154
126	Nocturnal sleep study in multiple sclerosis: Correlations with clinical and brain magnetic resonance imaging findings. <i>Journal of the Neurological Sciences</i> , 1994, 125, 194-197.	0.6	153

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127	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> , 1997, 244, 266-270.	3.6	153
128	A 3-year magnetic resonance imaging study of cortical lesions in relapse-onset multiple sclerosis. <i>Annals of Neurology</i> , 2010, 67, 376-383.	5.3	153
129	Guidelines for using quantitative measures of brain magnetic resonance imaging abnormalities in monitoring the treatment of multiple sclerosis. <i>Annals of Neurology</i> , 1998, 43, 499-506.	5.3	152
130	Voxel-based morphometry study of brain volumetry and diffusivity in amyotrophic lateral sclerosis patients with mild disability. <i>Human Brain Mapping</i> , 2007, 28, 1430-1438.	3.6	152
131	Correlations between monthly enhanced MRI Lesion rate and changes in T2 Lesion volume in multiple sclerosis. <i>Annals of Neurology</i> , 1998, 43, 332-339.	5.3	150
132	MAGNIMS consensus recommendations on the use of brain and spinal cord atrophy measures in clinical practice. <i>Nature Reviews Neurology</i> , 2020, 16, 171-182.	10.1	150
133	White Matter Damage in Frontotemporal Lobar Degeneration Spectrum. <i>Cerebral Cortex</i> , 2012, 22, 2705-2714.	2.9	149
134	Brain reserve and cognitive reserve in multiple sclerosis. <i>Neurology</i> , 2013, 80, 2186-2193.	1.1	149
135	Evidence for widespread movement-associated functional MRI changes in patients with PPMS. <i>Neurology</i> , 2002, 58, 866-872.	1.1	147
136	Autologous HSCT for severe progressive multiple sclerosis in a multicenter trial: impact on disease activity and quality of life. <i>Blood</i> , 2005, 105, 2601-2607.	1.4	147
137	Inflammation in multiple sclerosis: the good, the bad, and the complex. <i>Lancet Neurology</i> , The, 2002, 1, 499-509.	10.2	146
138	Magnetization transfer imaging to monitor the evolution of MS. <i>Neurology</i> , 2000, 55, 940-946.	1.1	145
139	MRI techniques to monitor MS evolution. <i>Neurology</i> , 2002, 58, 1147-1153.	1.1	145
140	Quantification of brain gray matter damage in different MS phenotypes by use of diffusion tensor MR imaging. <i>American Journal of Neuroradiology</i> , 2002, 23, 985-8.	2.4	145
141	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> , 2013, 34, 1330-1343.	3.6	144
142	Short-term brain volume change in relapsing-remitting multiple sclerosis: Effect of glatiramer acetate and implications. <i>Brain</i> , 2001, 124, 1803-1812.	7.6	143
143	Magnetization transfer MRI metrics predict the accumulation of disability 8 years later in patients with multiple sclerosis. <i>Brain</i> , 2006, 129, 2620-2627.	7.6	143
144	Thalamic Damage and Long-term Progression of Disability in Multiple Sclerosis. <i>Radiology</i> , 2010, 257, 463-469.	7.3	143

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145	Regional patterns of brain tissue loss associated with depression in Parkinson disease. <i>Neurology</i> , 2010, 75, 857-863.	1.1	143
146	In vivo assessment of cervical cord damage in MS patients: a longitudinal diffusion tensor MRI study. <i>Brain</i> , 2007, 130, 2211-2219.	7.6	141
147	Cortical/subcortical disease burden and cognitive impairment in patients with multiple sclerosis. <i>American Journal of Neuroradiology</i> , 2000, 21, 402-8.	2.4	141
148	Brain network connectivity assessed using graph theory in frontotemporal dementia. <i>Neurology</i> , 2013, 81, 134-143.	1.1	139
149	Evidence for axonal pathology and adaptive cortical reorganization in patients at presentation with clinically isolated syndromes suggestive of multiple sclerosis. <i>NeuroImage</i> , 2003, 18, 847-855.	4.2	138
150	A large-scale multicentre cerebral diffusion tensor imaging study in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 570-579.	1.9	138
151	Glatiramer acetate reduces the proportion of new MS lesions evolving into "black holes". <i>Neurology</i> , 2002, 58, 1440-1442.	1.1	136
152	Seven-tesla phase imaging of acute multiple sclerosis lesions: A new window into the inflammatory process. <i>Annals of Neurology</i> , 2013, 74, 669-678.	5.3	135
153	Guillain-Barré syndrome and COVID-19: an observational multicentre study from two Italian hotspot regions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 751-756.	1.9	135
154	Age-related Changes in Conventional, Magnetization Transfer, and Diffusion-Tensor MR Imaging Findings: Study with Whole-Brain Tissue Histogram Analysis. <i>Radiology</i> , 2003, 227, 731-738.	7.3	134
155	Chronic cerebrospinal venous insufficiency and multiple sclerosis. <i>Annals of Neurology</i> , 2010, 67, 286-290.	5.3	134
156	Mild cognitive impairment in Parkinson's disease is associated with a distributed pattern of brain white matter damage. <i>Human Brain Mapping</i> , 2014, 35, 1921-1929.	3.6	134
157	Divergent brain network connectivity in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2013, 34, 419-427.	3.1	133
158	Assessment of White Matter Tract Damage in Patients with Amyotrophic Lateral Sclerosis: A Diffusion Tensor MR Imaging Tractography Study: Fig 1.. <i>American Journal of Neuroradiology</i> , 2010, 31, 1457-1461.	2.4	131
159	A conventional and magnetization transfer MRI study of the cervical cord in patients with MS. <i>Neurology</i> , 2000, 54, 207-207.	1.1	130
160	Association of Vitamin D Levels With Multiple Sclerosis Activity and Progression in Patients Receiving Interferon Beta-1b. <i>JAMA Neurology</i> , 2015, 72, 1458.	9.0	130
161	Weekly diffusion-weighted imaging of normal-appearing white matter in MS. <i>Neurology</i> , 2000, 55, 882-884.	1.1	129
162	Clinically isolated syndromes suggestive of multiple sclerosis, part 2: non-conventional MRI, recovery processes, and management. <i>Lancet Neurology</i> , The, 2005, 4, 341-348.	10.2	129

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163	A multicenter assessment of cervical cord atrophy among MS clinical phenotypes. <i>Neurology</i> , 2011, 76, 2096-2102.	1.1	129
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