

Anthony L Traboulosee

List of Publications by Citations

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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.

190
papers

11,241
citations

37
h-index

104
g-index

205
ext. papers

14,847
ext. citations

6.4
avg, IF

5.92
L-index

#	Paper	IF	Citations
190	Diagnosis of multiple sclerosis: 2017 revisions of the McDonald criteria. <i>Lancet Neurology, The</i> , 2018 , 17, 162-173	24.1	2419
189	International consensus diagnostic criteria for neuromyelitis optica spectrum disorders. <i>Neurology</i> , 2015 , 85, 177-89	6.5	2255
188	Ocrelizumab versus Placebo in Primary Progressive Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 209-220	59.2	880
187	Ocrelizumab versus Interferon Beta-1a in Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 221-234	59.2	858
186	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci. <i>Annals of Neurology</i> , 2011 , 70, 897-912	9.4	263
185	Revised Recommendations of the Consortium of MS Centers Task Force for a Standardized MRI Protocol and Clinical Guidelines for the Diagnosis and Follow-Up of Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2016 , 37, 394-401	4.4	209
184	Brain health: time matters in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2016 , 9 Suppl 1, S5-S48	4	189
183	Treatment of Neuromyelitis Optica: Review and Recommendations. <i>Multiple Sclerosis and Related Disorders</i> , 2012 , 1, 180-187	4	176
182	Alemtuzumab CARE-MS II 5-year follow-up: Efficacy and safety findings. <i>Neurology</i> , 2017 , 89, 1117-1126	6.5	175
181	Effect of ocrelizumab on vaccine responses in patients with multiple sclerosis: The VELOCE study. <i>Neurology</i> , 2020 , 95, e1999-e2008	6.5	172
180	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , 2019 , 142, 1858-1875	11.2	150
179	Alemtuzumab CARE-MS I 5-year follow-up: Durable efficacy in the absence of continuous MS therapy. <i>Neurology</i> , 2017 , 89, 1107-1116	6.5	139
178	Safety and efficacy of satralizumab monotherapy in neuromyelitis optica spectrum disorder: a randomised, double-blind, multicentre, placebo-controlled phase 3 trial. <i>Lancet Neurology, The</i> , 2020 , 19, 402-412	24.1	137
177	Is the magnetization transfer ratio a marker for myelin in multiple sclerosis?. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 713-8	5.6	133
176	Long-term follow-up of a phase 2 study of oral teriflunomide in relapsing multiple sclerosis: safety and efficacy results up to 8.5 years. <i>Multiple Sclerosis Journal</i> , 2012 , 18, 1278-89	5	112
175	Trial of Minocycline in a Clinically Isolated Syndrome of Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 2122-2133	59.2	111
174	Timing of high-efficacy therapy in relapsing-remitting multiple sclerosis: A systematic review. <i>Autoimmunity Reviews</i> , 2017 , 16, 658-665	13.6	76

173	Relationship between early clinical characteristics and long term disability outcomes: 16 year cohort study (follow-up) of the pivotal interferon β 1b trial in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 282-7	5.5	76
172	Spinal cord involvement in multiple sclerosis and neuromyelitis optica spectrum disorders. <i>Lancet Neurology, The</i> , 2019 , 18, 185-197	24.1	74
171	Prevalence of extracranial venous narrowing on catheter venography in people with multiple sclerosis, their siblings, and unrelated healthy controls: a blinded, case-control study. <i>Lancet, The</i> , 2014 , 383, 138-45	4.0	70
170	Nuclear Receptor NR1H3 in Familial Multiple Sclerosis. <i>Neuron</i> , 2016 , 90, 948-54	13.9	59
169	Reproducibility of myelin water fraction analysis: a comparison of region of interest and voxel-based analysis methods. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 1096-103	3.3	52
168	MR evidence of long T2 water in pathological white matter. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 26, 1117-21	5.6	52
167	Characterising aggressive multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 1192-8	5.5	51
166	Pathological basis of diffusely abnormal white matter: insights from magnetic resonance imaging and histology. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 144-50	5	51
165	Long T2 water in multiple sclerosis: what else can we learn from multi-echo T2 relaxation?. <i>Journal of Neurology</i> , 2007 , 254, 1579-87	5.5	51
164	Magnetic resonance frequency shifts during acute MS lesion formation. <i>Neurology</i> , 2013 , 81, 211-8	6.5	50
163	Multicenter measurements of myelin water fraction and geometric mean T2 : intra- and intersite reproducibility. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 38, 1445-53	5.6	50
162	Deep learning of joint myelin and T1w MRI features in normal-appearing brain tissue to distinguish between multiple sclerosis patients and healthy controls. <i>NeuroImage: Clinical</i> , 2018 , 17, 169-178	5.3	46
161	2021 MAGNIMS-CMSC-NAIMS consensus recommendations on the use of MRI in patients with multiple sclerosis. <i>Lancet Neurology, The</i> , 2021 , 20, 653-670	24.1	44
160	The role of MRI in the diagnosis of multiple sclerosis. <i>Advances in Neurology</i> , 2006 , 98, 125-46		44
159	Ocrelizumab infusion experience in patients with relapsing and primary progressive multiple sclerosis: Results from the phase 3 randomized OPERA I, OPERA II, and ORATORIO studies. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 30, 236-243	4	42
158	Diffusely abnormal white matter in multiple sclerosis: further histologic studies provide evidence for a primary lipid abnormality with neurodegeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 42-52	3.1	41
157	Complementary information from multi-exponential T2 relaxation and diffusion tensor imaging reveals differences between multiple sclerosis lesions. <i>NeuroImage</i> , 2008 , 40, 77-85	7.9	40
156	Pathological correlates of magnetic resonance imaging texture heterogeneity in multiple sclerosis. <i>Annals of Neurology</i> , 2013 , 74, 91-9	9.4	39

155	Spectral-domain optical coherence tomography of retinal nerve fiber layer thickness in NMO patients. <i>Journal of Neuro-Ophthalmology</i> , 2013 , 33, 213-9	2.6	38
154	Impact of exposure to interferon beta-1a on outcomes in patients with relapsing-remitting multiple sclerosis: exploratory analyses from the PRISMS long-term follow-up study. <i>Therapeutic Advances in Neurological Disorders</i> , 2011 , 4, 3-14	6.6	38
153	Myelin-oligodendrocyte glycoprotein antibody-associated disease. <i>Lancet Neurology</i> , 2021 , 20, 762-772	4.4	37
152	Brain and cord myelin water imaging: a progressive multiple sclerosis biomarker. <i>NeuroImage: Clinical</i> , 2015 , 9, 574-80	5.3	36
151	Comparison of MERGE and axial T2-weighted fast spin-echo sequences for detection of multiple sclerosis lesions in the cervical spinal cord. <i>American Journal of Roentgenology</i> , 2012 , 199, 157-62	5.4	35
150	Five years of ocrelizumab in relapsing multiple sclerosis: OPERA studies open-label extension. <i>Neurology</i> , 2020 , 95, e1854-e1867	6.5	34
149	Quantitative neuroimaging measures of myelin in the healthy brain and in multiple sclerosis. <i>Human Brain Mapping</i> , 2019 , 40, 2104-2116	5.9	33
148	Association of smoking with risk of multiple sclerosis: a population-based study. <i>Journal of Neurology</i> , 2013 , 260, 1778-81	5.5	32
147	Imaging Surrogates of Disease Activity in Neuromyelitis Optica Allow Distinction from Multiple Sclerosis. <i>PLoS ONE</i> , 2015 , 10, e0137715	3.7	31
146	Quantifying visual pathway axonal and myelin loss in multiple sclerosis and neuromyelitis optica. <i>NeuroImage: Clinical</i> , 2016 , 11, 743-750	5.3	31
145	Purinergic receptors P2RX4 and P2RX7 in familial multiple sclerosis. <i>Human Mutation</i> , 2017 , 38, 736-744	4.7	29
144	Evaluating the safety of Interferons in MS: A series of nested case-control studies. <i>Neurology</i> , 2017 , 88, 2310-2320	6.5	29
143	What Have We Learned from Perfusion MRI in Multiple Sclerosis?. <i>American Journal of Neuroradiology</i> , 2018 , 39, 994-1000	4.4	29
142	Long-term follow-up of the original interferon-beta1b trial in multiple sclerosis: design and lessons from a 16-year observational study. <i>Clinical Therapeutics</i> , 2009 , 31, 1724-36	3.5	29
141	Common variation near IRF6 is associated with IFN- β -induced liver injury in multiple sclerosis. <i>Nature Genetics</i> , 2018 , 50, 1081-1085	36.3	28
140	FLAIR2: A Combination of FLAIR and T2 for Improved MS Lesion Detection. <i>American Journal of Neuroradiology</i> , 2016 , 37, 259-65	4.4	27
139	Establishing long-term efficacy in chronic disease: use of recursive partitioning and propensity score adjustment to estimate outcome in MS. <i>PLoS ONE</i> , 2011 , 6, e22444	3.7	27
138	Exome sequencing in multiple sclerosis families identifies 12 candidate genes and nominates biological pathways for the genesis of disease. <i>PLoS Genetics</i> , 2019 , 15, e1008180	6	26

137	Safety of disease-modifying drugs for multiple sclerosis in pregnancy: current challenges and future considerations for effective pharmacovigilance. <i>Expert Review of Neurotherapeutics</i> , 2013 , 13, 251-60; quiz 261	4.3	26
136	Susceptibility-sensitive MRI of multiple sclerosis lesions and the impact of normal-appearing white matter changes. <i>NMR in Biomedicine</i> , 2017 , 30, e3727	4.4	25
135	Does hydration status affect MRI measures of brain volume or water content?. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 296-304	5.6	25
134	Quantitative analysis of multiple sclerosis patients' preferences for drug treatment: a best-worst scaling study. <i>Therapeutic Advances in Neurological Disorders</i> , 2016 , 9, 287-96	6.6	25
133	Genetic variants in IL2RA and IL7R affect multiple sclerosis disease risk and progression. <i>Neurogenetics</i> , 2014 , 15, 165-9	3	25
132	Regression of new gadolinium enhancing lesion activity in relapsing-remitting multiple sclerosis. <i>Neurology</i> , 2008 , 70, 1092-7	6.5	25
131	Imaging outcome measures of neuroprotection and repair in MS: A consensus statement from NAIMS. <i>Neurology</i> , 2019 , 92, 519-533	6.5	25
130	Obstetrical epidural and spinal anesthesia in multiple sclerosis. <i>Journal of Neurology</i> , 2013 , 260, 2620-8	5.5	24
129	Modeling the variability in brain morphology and lesion distribution in multiple sclerosis by deep learning. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 462-9	0.9	24
128	Global loss of myelin water over 5 years in multiple sclerosis normal-appearing white matter. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1557-1568	5	24
127	Collaborative International Research in Clinical and Longitudinal Experience Study in NMOSD. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6, e583	9.1	23
126	Anisotropic cerebral vascular architecture causes orientation dependency in cerebral blood flow and volume measured with dynamic susceptibility contrast magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1108-1119	7.3	22
125	Orientation Dependent MR Signal Decay Differentiates between People with MS, Their Asymptomatic Siblings and Unrelated Healthy Controls. <i>PLoS ONE</i> , 2015 , 10, e0140956	3.7	22
124	Retinal nerve fiber layer thickness in benign multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1275-81		22
123	Targeting progressive neuroaxonal injury: lessons from multiple sclerosis. <i>CNS Drugs</i> , 2011 , 25, 783-99	6.7	21
122	Education, and the balance between dynamic and stationary functional connectivity jointly support executive functions in relapsing-remitting multiple sclerosis. <i>Human Brain Mapping</i> , 2018 , 39, 5039-5049	5.9	21
121	Longitudinal Study of Retinal Nerve Fiber Layer Thickness and Macular Volume in Patients With Neuromyelitis Optica Spectrum Disorder. <i>Journal of Neuro-Ophthalmology</i> , 2016 , 36, 363-368	2.6	20
120	No evidence of disease activity (NEDA) analysis by epochs in patients with relapsing multiple sclerosis treated with ocrelizumab vs interferon beta-1a. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2018 , 4, 2055217318760642	2	19

119	Conventional MR imaging. <i>Neuroimaging Clinics of North America</i> , 2008 , 18, 651-73, x	3	19
118	Efficacy and Safety of Alemtuzumab Through 9 Years of Follow-up in Patients with Highly Active Disease: Post Hoc Analysis of CARE-MS I and II Patients in the TOPAZ Extension Study. <i>CNS Drugs</i> , 2020 , 34, 973-988	6.7	19
117	Safety and efficacy of tolebrutinib, an oral brain-penetrant BTK inhibitor, in relapsing multiple sclerosis: a phase 2b, randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , 2021 , 20, 729-738	24.1	19
116	Paraneoplastic Neuromyelitis Optica Spectrum Disorder: A single center cohort description with two cases of histological validation. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 20, 37-42	4	18
115	Rapid myelin water imaging in human cervical spinal cord. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 1482-1487	4.4	18
114	Time-Domain and Spectral-Domain Optical Coherence Tomography of Retinal Nerve Fiber Layer in MS Patients and Healthy Controls. <i>Journal of Ophthalmology</i> , 2012 , 2012, 564627	2	18
113	Repopulation of T, B, and NK cells following alemtuzumab treatment in relapsing-remitting multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020 , 17, 189	10.1	17
112	Cervical cord myelin water imaging shows degenerative changes over one year in multiple sclerosis but not neuromyelitis optica spectrum disorder. <i>NeuroImage: Clinical</i> , 2017 , 16, 17-22	5.3	17
111	Predictive validity of NEDA in the 16- and 21-year follow-up from the pivotal trial of interferon beta-1b. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 837-847	5	16
110	Myelin Water Atlas: A Template for Myelin Distribution in the Brain. <i>Journal of Neuroimaging</i> , 2019 , 29, 699-706	2.8	16
109	Analysis of CYP27B1 in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014 , 266, 64-6	3.5	16
108	Texture analysis differentiates persistent and transient T1 black holes at acute onset in multiple sclerosis: a preliminary study. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 532-40	5	16
107	Increased mean R2* in the deep gray matter of multiple sclerosis patients: Have we been measuring atrophy?. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 201-208	5.6	16
106	Inter-Vendor Reproducibility of Myelin Water Imaging Using a 3D Gradient and Spin Echo Sequence. <i>Frontiers in Neuroscience</i> , 2018 , 12, 854	5.1	16
105	Deep Learning of Brain Lesion Patterns for Predicting Future Disease Activity in Patients with Early Symptoms of Multiple Sclerosis. <i>Lecture Notes in Computer Science</i> , 2016 , 86-94	0.9	15
104	Gadolinium Deposition in Deep Brain Structures: Relationship with Dose and Ionization of Linear Gadolinium-Based Contrast Agents. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1597-1603	4.4	15
103	Postvaccination Miller Fisher syndrome. <i>Archives of Neurology</i> , 2011 , 68, 1327-9		15
102	MRI Brain Extraction with Combined Expectation Maximization and Geodesic Active Contours 2006 ,		15

101	A 24-month advanced magnetic resonance imaging study of multiple sclerosis patients treated with alemtuzumab. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 811-818	5	15
100	Safety and efficacy of venoplasty in MS: A randomized, double-blind, sham-controlled phase II trial. <i>Neurology</i> , 2018 , 91, e1660-e1668	6.5	15
99	Corticospinal tract integrity measured using transcranial magnetic stimulation and magnetic resonance imaging in neuromyelitis optica and multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 43-50	5	14
98	Genetic modifiers of multiple sclerosis progression, severity and onset. <i>Clinical Immunology</i> , 2017 , 180, 100-105	9	14
97	Canadian Expert Panel Recommendations for MRI Use in MS Diagnosis and Monitoring. <i>Canadian Journal of Neurological Sciences</i> , 2015 , 42, 159-67	1	14
96	Myelin water imaging data analysis in less than one minute. <i>NeuroImage</i> , 2020 , 210, 116551	7.9	14
95	Rapid myelin water imaging for the assessment of cervical spinal cord myelin damage. <i>NeuroImage: Clinical</i> , 2019 , 23, 101896	5.3	14
94	Short-term stability of T1 and T2 relaxation measures in multiple sclerosis normal appearing white matter. <i>Journal of Neurology</i> , 2012 , 259, 1151-8	5.5	14
93	MRI relapses have significant pathologic and clinical implications in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2007 , 256 Suppl 1, S19-22	3.2	14
92	The use of MRI as an outcome measure in clinical trials. <i>Advances in Neurology</i> , 2006 , 98, 203-26		14
91	Long-term efficacy and safety of alemtuzumab in patients with RRMS: 12-year follow-up of CAMMS223. <i>Journal of Neurology</i> , 2020 , 267, 3343-3353	5.5	13
90	Variants in the promoter region of CYP7A1 are associated with neuromyelitis optica but not with multiple sclerosis in the Han Chinese population. <i>Neuroscience Bulletin</i> , 2013 , 29, 525-30	4.3	13
89	Neuroimaging in multiple sclerosis. <i>Neurologic Clinics</i> , 2005 , 23, 131-48, vii	4.5	13
88	Best Practices for Long-Term Monitoring and Follow-Up of Alemtuzumab-Treated MS Patients in Real-World Clinical Settings. <i>Frontiers in Neurology</i> , 2019 , 10, 253	4.1	12
87	Efficacy of alemtuzumab in relapsing-remitting MS patients who received additional courses after the initial two courses: Pooled analysis of the CARE-MS, extension, and TOPAZ studies. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1866-1876	5	12
86	Machine learning in secondary progressive multiple sclerosis: an improved predictive model for short-term disability progression. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055217319885983	2	12
85	Natalizumab treatment shows low cumulative probabilities of confirmed disability worsening to EDSS milestones in the long-term setting. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 24, 11-19	4	12
84	Fast computation of myelin maps from MRI T1 relaxation data using multicore CPU and graphics card parallelization. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 700-7	5.6	11

83	Diagnosis of Progressive Multiple Sclerosis From the Imaging Perspective: A Review. <i>JAMA Neurology</i> , 2021 , 78, 351-364	17.2	11
82	Multicenter Measurements of T Relaxation and Diffusion Tensor Imaging: Intra and Intersite Reproducibility. <i>Journal of Neuroimaging</i> , 2019 , 29, 42-51	2.8	11
81	An atlas for human brain myelin content throughout the adult life span. <i>Scientific Reports</i> , 2021 , 11, 269	4.9	11
80	Analysis of NOD-like receptor NLRP1 in multiple sclerosis families. <i>Immunogenetics</i> , 2018 , 70, 205-207	3.2	10
79	Perspectives of Patients with Multiple Sclerosis on Drug Treatment: A Qualitative Study. <i>International Journal of MS Care</i> , 2018 , 20, 269-277	2.3	10
78	Common genetic etiology between "multiple sclerosis-like" single-gene disorders and familial multiple sclerosis. <i>Human Genetics</i> , 2017 , 136, 705-714	6.3	9
77	Addressing Concerns Regarding the Use of Gadolinium in a Standardized MRI Protocol for the Diagnosis and Follow-Up of Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2016 , 37, E82-E83	4.4	9
76	Case-Control Studies Are Not Familial Studies. <i>Neuron</i> , 2016 , 92, 339-341	13.9	9
75	Analysis of CH25H in multiple sclerosis and neuromyelitis optica. <i>Journal of Neuroimmunology</i> , 2016 , 291, 70-2	3.5	9
74	Myelin Damage in Normal Appearing White Matter Contributes to Impaired Cognitive Processing Speed in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2020 , 30, 205-211	2.8	9
73	Deep learning of brain lesion patterns and user-defined clinical and MRI features for predicting conversion to multiple sclerosis from clinically isolated syndrome. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2019 , 7, 250-259	0.9	9
72	Cognitive Performance in Subjects With Multiple Sclerosis Is Robustly Influenced by Gender in Canonical-Correlation Analysis. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017 , 29, 119-127	2.7	8
71	Health-related quality of life in patients with longstanding benign multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 31-8	4	8
70	Development and usability testing of a patient decision aid for newly diagnosed relapsing multiple sclerosis patients. <i>BMC Neurology</i> , 2019 , 19, 173	3.1	8
69	Suspected autoimmune hepatitis and primary biliary cirrhosis unmasked by interferon-beta in a multiple sclerosis patient. <i>Multiple Sclerosis and Related Disorders</i> , 2013 , 2, 57-9	4	8
68	Analysis of Plasminogen Genetic Variants in Multiple Sclerosis Patients. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 2073-9	3.2	8
67	Diffusely Abnormal White Matter, T Burden of Disease, and Brain Volume in Relapsing-Remitting Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2019 , 29, 151-159	2.8	8
66	Myelin Water Fraction and Intra/Extracellular Water Geometric Mean T Normative Atlases for the Cervical Spinal Cord from 3T MRI. <i>Journal of Neuroimaging</i> , 2020 , 30, 50-57	2.8	8

65	Effect of interferon beta-1a subcutaneously three times weekly on clinical and radiological measures and no evidence of disease activity status in patients with relapsing-remitting multiple sclerosis at year 1. <i>BMC Neurology</i> , 2018 , 18, 143	3.1	8
64	Birth outcomes in newborns fathered by men with multiple sclerosis exposed to disease-modifying drugs. <i>CNS Drugs</i> , 2014 , 28, 475-82	6.7	7
63	Incidence of Multiple Sclerosis and Related Disorders in Asian Populations of British Columbia. <i>Canadian Journal of Neurological Sciences</i> , 2015 , 42, 235-41	1	7
62	Improving the clinical correlation of multiple sclerosis black hole volume change by paired-scan analysis. <i>NeuroImage: Clinical</i> , 2012 , 1, 29-36	5.3	7
61	Invariant SPHARM shape descriptors for complex geometry in MR region of interest analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 1322-5		7
60	Case of alemtuzumab-related alopecia areata management in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6, e516	9.1	7
59	Longitudinal advanced MRI case report of white matter radiation necrosis. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 379-385	5.3	6
58	Effect of different doses of gadolinium contrast agent on clinical outcomes in MS. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055217318823796	2	6
57	Associations Between Findings From Myelin Water Imaging and Cognitive Performance Among Individuals With Multiple Sclerosis. <i>JAMA Network Open</i> , 2020 , 3, e2014220	10.4	5
56	Brain health: time matters in multiple sclerosis 2015 ,		5
55	Prognostic factors for long-term outcomes in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016 , 2, 2055217316666406	2	5
54	Patient-Reported Benefits of Extracranial Venous Therapy: British Columbia CCSVI Registry. <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 246-254	1	4
53	Prehistoric enemies within: The contribution of human endogenous retroviruses to neurological diseases. Meeting report: "Second International Workshop on Human Endogenous Retroviruses and Disease", Washington DC, March 13th and 14th 2017. <i>Multiple Sclerosis and Related Disorders</i> , 2017 , 15, 18-22	4	4
52	Prevalence of Extracranial Venous Narrowing on Magnetic Resonance Venography Is Similar in People With Multiple Sclerosis, Their Siblings, and Unrelated Healthy Controls: A Blinded, Case-Control Study. <i>Canadian Association of Radiologists Journal</i> , 2017 , 68, 202-209	3.9	4
51	Data fusion detects consistent relations between non-lesional white matter myelin, executive function, and clinical characteristics in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2019 , 24, 101926	5.3	4
50	Characterization of brain tumours with spin-spin relaxation: pilot case study reveals unique T distribution profiles of glioblastoma, oligodendroglioma and meningioma. <i>Journal of Neurology</i> , 2017 , 264, 2205-2214	5.5	4
49	Longitudinal, regional and deformation-specific corpus callosum shape analysis for multiple sclerosis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 2110-3		4
48	Association of Unemployment and Informal Care with Stigma in Multiple Sclerosis: Evidence from the Survey on Living with Neurological Conditions in Canada. <i>International Journal of MS Care</i> , 2019 , 21, 214-225	2.3	4

47	Magnetic resonance spectroscopy evidence for declining gliosis in MS patients treated with ocrelizumab versus interferon beta-1a. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019 , 5, 2055217319879952	2	4
46	Three-dimensional MRI sequences in MS diagnosis and research. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 1700-1709		
45	Detection of Unusual Increases in MRI Lesion Counts in Individual Multiple Sclerosis Patients. <i>Journal of the American Statistical Association</i> , 2014 , 109, 119-132	2.8	3
44	Reproducibility of retinal nerve fiber layer measurements with manual and automated centration in healthy subjects using spectralis spectral-domain optical coherence tomography. <i>ISRN Ophthalmology</i> , 2012 , 2012, 860819		3
43	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008 , 2, 907-918	7.5	3
42	Optimal Filter Design for Multiple Sclerosis Lesions Segmentation from Regions of Interest in Brain MRI 2006 ,		3
41	Semi-Automated Segmentation of Multiple Sclerosis Lesions in Brain MRI using Texture Analysis 2006 ,		3
40	Hierarchical Multimodal Fusion of Deep-Learned Lesion and Tissue Integrity Features in Brain MRIs for Distinguishing Neuromyelitis Optica from Multiple Sclerosis. <i>Lecture Notes in Computer Science</i> , 2017 , 480-488	0.9	3
39	Long-Term Stability of Neuroaxonal Structure in Alemtuzumab-Treated Relapsing-Remitting Multiple Sclerosis Patients. <i>Journal of Neuro-Ophthalmology</i> , 2020 , 40, 37-43	2.6	3
38	Goodpasture@ Syndrome Following Alemtuzumab Therapy in Multiple Sclerosis. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, 712-714	1	3
37	Application of pharmacogenomics to investigate adverse drug reactions to the disease-modifying treatments for multiple sclerosis: a case-control study protocol for dimethyl fumarate-induced lymphopenia. <i>BMJ Open</i> , 2017 , 7, e016276	3	2
36	Myelin Water Imaging and Transcranial Magnetic Stimulation Suggest Structure-Function Relationships in Multiple Sclerosis. <i>Frontiers in Physics</i> , 2019 , 7,	3.9	2
35	An assessment of genetic counseling services for individuals with multiple sclerosis. <i>Journal of Genetic Counseling</i> , 2015 , 24, 46-57	2.5	2
34	Both Stationary and Dynamic Functional Interhemispheric Connectivity Are Strongly Associated With Performance on Cognitive Tests in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020 , 11, 407	4.1	2
33	Resilience, trust, and civic engagement in the post-CCSVI era. <i>BMC Health Services Research</i> , 2018 , 18, 366	2.9	2
32	Brain extraction using geodesic active contours 2006 ,		2
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