## Gavin Giovannoni

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2392053/publications.pdf

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398 papers 27,325 citations

70 h-index 154 g-index

413 all docs

413 docs citations

413 times ranked 18451 citing authors

#	Article	IF	CITATIONS
1	A Randomized, Placebo-Controlled Trial of Natalizumab for Relapsing Multiple Sclerosis. New England Journal of Medicine, 2006, 354, 899-910.	27.0	2,916
2	Placebo-Controlled Phase 3 Study of Oral BG-12 for Relapsing Multiple Sclerosis. New England Journal of Medicine, 2012, 367, 1098-1107.	27.0	1,493
3	Ocrelizumab versus Placebo in Primary Progressive Multiple Sclerosis. New England Journal of Medicine, 2017, 376, 209-220.	27.0	1,324
4	Ocrelizumab versus Interferon Beta-1a in Relapsing Multiple Sclerosis. New England Journal of Medicine, 2017, 376, 221-234.	27.0	1,322
5	Alemtuzumab versus interferon beta 1a as first-line treatment for patients with relapsing-remitting multiple sclerosis: a randomised controlled phase 3 trial. Lancet, The, 2012, 380, 1819-1828.	13.7	1,041
6	A Placebo-Controlled Trial of Oral Cladribine for Relapsing Multiple Sclerosis. New England Journal of Medicine, 2010, 362, 416-426.	27.0	791
7	Siponimod versus placebo in secondary progressive multiple sclerosis (EXPAND): a double-blind, randomised, phase 3 study. Lancet, The, 2018, 391, 1263-1273.	13.7	684
8	Metaâ€enalysis of early nonmotor features and risk factors for Parkinson disease. Annals of Neurology, 2012, 72, 893-901.	<b>5.</b> 3	607
9	Recommended Standard of Cerebrospinal Fluid Analysis in the Diagnosis of Multiple Sclerosis. Archives of Neurology, 2005, 62, 865-70.	4.5	483
10	Multiple sclerosis: risk factors, prodromes, and potential causal pathways. Lancet Neurology, The, 2010, 9, 727-739.	10.2	459
11	Effect of natalizumab on clinical and radiological disease activity in multiple sclerosis: a retrospective analysis of the Natalizumab Safety and Efficacy in Relapsing-Remitting Multiple Sclerosis (AFFIRM) study. Lancet Neurology, The, 2009, 8, 254-260.	10.2	430
12	Neurofilament light chain. Neurology, 2015, 84, 2247-2257.	1.1	412
13	Increased Neurofilament Light Chain Blood Levels in Neurodegenerative Neurological Diseases. PLoS ONE, 2013, 8, e75091.	2.5	375
14	Cannabinoids inhibit neurodegeneration in models of multiple sclerosis. Brain, 2003, 126, 2191-2202.	7.6	330
15	Direct suppression of CNS autoimmune inflammation via the cannabinoid receptor CB1 on neurons and CB2 on autoreactive T cells. Nature Medicine, 2007, 13, 492-497.	30.7	326
16	Brain health: time matters in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2016, 9, S5-S48.	2.0	280
17	Is it time to target no evident disease activity (NEDA) in multiple sclerosis?. Multiple Sclerosis and Related Disorders, 2015, 4, 329-333.	2.0	275
18	Daclizumab high-yield process in relapsing-remitting multiple sclerosis (SELECT): a randomised, double-blind, placebo-controlled trial. Lancet, The, 2013, 381, 2167-2175.	13.7	269

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19	An Updated Meta-Analysis of Risk of Multiple Sclerosis following Infectious Mononucleosis. PLoS ONE, 2010, 5, e12496.	2.5	260
20	Contribution of Relapse-Independent Progression vs Relapse-Associated Worsening to Overall Confirmed Disability Accumulation in Typical Relapsing Multiple Sclerosis in a Pooled Analysis of 2 Randomized Clinical Trials. JAMA Neurology, 2020, 77, 1132.	9.0	245
21	Trial of Fingolimod versus Interferon Beta-1a in Pediatric Multiple Sclerosis. New England Journal of Medicine, 2018, 379, 1017-1027.	27.0	237
22	Alemtuzumab CARE-MS II 5-year follow-up. Neurology, 2017, 89, 1117-1126.	1.1	232
23	Safety and efficacy of cladribine tablets in patients with relapsing–remitting multiple sclerosis: Results from the randomized extension trial of the CLARITY study. Multiple Sclerosis Journal, 2018, 24, 1594-1604.	3.0	227
24	Memory B Cells are Major Targets for Effective Immunotherapy in Relapsing Multiple Sclerosis. EBioMedicine, 2017, 16, 41-50.	6.1	225
25	Smoking and Multiple Sclerosis: An Updated Meta-Analysis. PLoS ONE, 2011, 6, e16149.	2.5	220
26	Human Endogenous Retroviruses in Neurological Diseases. Trends in Molecular Medicine, 2018, 24, 379-394.	6.7	212
27	Interpreting Lymphocyte Reconstitution Data From the Pivotal Phase 3 Trials of Alemtuzumab. JAMA Neurology, 2017, 74, 961.	9.0	204
28	Sustained disease-activity-free status in patients with relapsing-remitting multiple sclerosis treated with cladribine tablets in the CLARITY study: a post-hoc and subgroup analysis. Lancet Neurology, The, 2011, 10, 329-337.	10.2	199
29	The efficacy of natalizumab in patients with relapsing multiple sclerosis: subgroup analyses of AFFIRM and SENTINEL. Journal of Neurology, 2009, 256, 405-415.	3.6	193
30	Poststreptococcal acute disseminated encephalomyelitis with basal ganglia involvement and auto-reactive antibasal ganglia antibodies. Annals of Neurology, 2001, 50, 588-595.	5.3	189
31	Alemtuzumab CARE-MS I 5-year follow-up. Neurology, 2017, 89, 1107-1116.	1.1	188
32	Epstein–Barr Virus in Multiple Sclerosis: Theory and Emerging Immunotherapies. Trends in Molecular Medicine, 2020, 26, 296-310.	6.7	178
33	Long term lymphocyte reconstitution after alemtuzumab treatment of multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 298-304.	1.9	171
34	Association of British Neurologists: revised (2015) guidelines for prescribing disease-modifying treatments in multiple sclerosis. Practical Neurology, 2015, 15, 273-279.	1.1	169
35	Phenytoin for neuroprotection in patients with acute optic neuritis: a randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2016, 15, 259-269.	10.2	168
36	Serum neurofilament is associated with progression of brain atrophy and disability in early MS. Neurology, 2017, 88, 826-831.	1.1	168

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37	Optimizing treatment success in multiple sclerosis. Journal of Neurology, 2016, 263, 1053-1065.	3.6	155
38	Fingolimod and CSF neurofilament light chain levels in relapsing-remitting multiple sclerosis. Neurology, 2015, 84, 1639-1643.	1.1	153
39	The COVID-19 pandemic and the use of MS disease-modifying therapies. Multiple Sclerosis and Related Disorders, 2020, 39, 102073.	2.0	153
40	Infectious causes of multiple sclerosis. Lancet Neurology, The, 2006, 5, 887-894.	10.2	151
41	Serum neurofilament light chain is a biomarker of human spinal cord injury severity and outcome. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 273-279.	1.9	144
42	Multiple sclerosis: the environment and causation. Current Opinion in Neurology, 2007, 20, 261-268.	3.6	143
43	The risk of developing multiple sclerosis in individuals seronegative for Epstein-Barr virus: a meta-analysis. Multiple Sclerosis Journal, 2013, 19, 162-166.	3.0	139
44	Fingolimod modulates microglial activation to augment markers of remyelination. Journal of Neuroinflammation, $2011, 8, 76$ .	7.2	127
45	"No evident disease activity― The use of combined assessments in the management of patients with multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 1179-1187.	3.0	126
46	Cladribine treatment of multiple sclerosis is associated with depletion of memory B cells. Journal of Neurology, 2018, 265, 1199-1209.	3.6	120
47	<scp>COVID</scp> â€19 Vaccine Response in People with Multiple Sclerosis. Annals of Neurology, 2022, 91, 89-100.	5.3	119
48	UK consensus on pregnancy in multiple sclerosis: â€~Association of British Neurologists' guidelines. Practical Neurology, 2019, 19, 106-114.	1.1	118
49	Disease-modifying treatments for early and advanced multiple sclerosis: a new treatment paradigm. Current Opinion in Neurology, 2018, 31, 233-243.	3.6	116
50	Switching from natalizumab to fingolimod. Neurology, 2015, 85, 29-39.	1.1	110
51	Safety and efficacy of opicinumab in patients with relapsing multiple sclerosis (SYNERGY): a randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2019, 18, 845-856.	10.2	110
52	Unmet needs, burden of treatment, and patient engagement in multiple sclerosis: A combined perspective from the MS in the 21st Century Steering Group. Multiple Sclerosis and Related Disorders, 2018, 19, 153-160.	2.0	101
53	Effect of cladribine tablets on lymphocyte reduction and repopulation dynamics in patients with relapsing multiple sclerosis. Multiple Sclerosis and Related Disorders, 2019, 29, 168-174.	2.0	94
54	Safety of cladribine tablets in the treatment of patients with multiple sclerosis: An integrated analysis. Multiple Sclerosis and Related Disorders, 2019, 29, 157-167.	2.0	94

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55	Is multiple sclerosis a length-dependent central axonopathy? The case for therapeutic lag and the asynchronous progressive MS hypotheses. Multiple Sclerosis and Related Disorders, 2017, 12, 70-78.	2.0	92
56	Cladribine to Treat Relapsing Forms of Multiple Sclerosis. Neurotherapeutics, 2017, 14, 874-887.	4.4	92
57	Cannabinoid-mediated neuroprotection, not immunosuppression, may be more relevant to multiple sclerosis. Journal of Neuroimmunology, 2008, 193, 120-129.	2.3	91
58	Plasma neurofilament heavy chain levels and disease progression in amyotrophic lateral sclerosis: insights from a longitudinal study. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 565-573.	1.9	91
59	PREDICT-PD: Identifying risk of Parkinson's disease in the community: methods and baseline results. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 31-37.	1.9	90
60	Serum neurofilament light chain levels are increased in patients with a clinically isolated syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, jnnp-2014-309690.	1.9	90
61	The Multiple Sclerosis Care Unit. Multiple Sclerosis Journal, 2019, 25, 627-636.	3.0	90
62	Epidemiology of Epstein-Barr virus infection and infectious mononucleosis in the United Kingdom. BMC Public Health, 2020, 20, 912.	2.9	90
63	Neurofilament ELISA validation. Journal of Immunological Methods, 2010, 352, 23-31.	1.4	86
64	Achieving patient engagement in multiple sclerosis: A perspective from the multiple sclerosis in the 21st Century Steering Group. Multiple Sclerosis and Related Disorders, 2015, 4, 202-218.	2.0	85
65	No Evidence of Disease Activity: Indirect Comparisons of Oral Therapies for the Treatment of Relapsing–Remitting Multiple Sclerosis. Advances in Therapy, 2014, 31, 1134-1154.	2.9	83
66	Daclizumab high-yield process in relapsing-remitting multiple sclerosis (SELECTION): a multicentre, randomised, double-blind extension trial. Lancet Neurology, The, 2014, 13, 472-481.	10.2	83
67	Efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis (MS-SMART): a phase 2b, multiarm, double-blind, randomised placebo-controlled trial. Lancet Neurology, The, 2020, 19, 214-225.	10.2	81
68	Sphingosine 1-phosphate Receptor Modulator Therapy for Multiple Sclerosis: Differential Downstream Receptor Signalling and Clinical Profile Effects. Drugs, 2021, 81, 207-231.	10.9	81
69	Multiple sclerosis: a practical overview for clinicians. British Medical Bulletin, 2010, 95, 79-104.	6.9	80
70	HIV and lower risk of multiple sclerosis: beginning to unravel a mystery using a record-linked database study. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 9-12.	1.9	77
71	Effects of cladribine tablets on lymphocyte subsets in patients with multiple sclerosis: an extended analysis of surface markers. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641985498.	3.5	76
72	The clinical significance of an intrathecal monoclonal immunoglobulin band. Neurology, 2003, 60, 1163-1166.	1.1	72

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73	Smouldering multiple sclerosis: the â€real MS'. Therapeutic Advances in Neurological Disorders, 2022, 15, 175628642110667.	3.5	72
74	Autoimmune tolerance eliminates relapses but fails to halt progression in a model of multiple sclerosis. Journal of Neuroimmunology, 2005, 165, 41-52.	2.3	70
75	Disposable MMP-9 sensor based on the degradation of peptide cross-linked hydrogel films using electrochemical impedance spectroscopy. Biosensors and Bioelectronics, 2015, 68, 660-667.	10.1	69
76	No laughing matter: subacute degeneration of the spinal cord due to nitrous oxide inhalation. Journal of Neurology, 2018, 265, 1089-1095.	3.6	67
77	BMI and low vitamin D are causal factors for multiple sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	67
78	Safety and efficacy of MD1003 (high-dose biotin) in patients with progressive multiple sclerosis (SPI2): a randomised, double-blind, placebo-controlled, phase 3 trial. Lancet Neurology, The, 2020, 19, 988-997.	10.2	64
79	Siponimod and Cognition in Secondary Progressive Multiple Sclerosis. Neurology, 2021, 96, e376-e386.	1.1	64
80	e-Health and multiple sclerosis: An update. Multiple Sclerosis Journal, 2018, 24, 1657-1664.	3.0	63
81	Clinical efficacy of BG-12 (dimethyl fumarate) in patients with relapsing–remitting multiple sclerosis: subgroup analyses of the DEFINE study. Journal of Neurology, 2013, 260, 2297-2305.	3.6	62
82	The underpinning biology relating to multiple sclerosis disease modifying treatments during the COVID-19 pandemic. Multiple Sclerosis and Related Disorders, 2020, 43, 102174.	2.0	62
83	Assessing treatment response to interferon-β. Neurology, 2014, 82, 248-254.	1.1	61
84	Cladribine: mechanisms and mysteries in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1266-1271.	1.9	61
85	Practical guide to the induction of relapsing progressive experimental autoimmune encephalomyelitis in the Biozzi ABH mouse. Multiple Sclerosis and Related Disorders, 2012, 1, 29-38.	2.0	60
86	Editors' welcome and a working definition for a multiple sclerosis cure. Multiple Sclerosis and Related Disorders, 2013, 2, 65-67.	2.0	59
87	PREDICT-PD: An online approach to prospectively identify risk indicators of Parkinson's disease. Movement Disorders, 2017, 32, 219-226.	3.9	59
88	Parkinson's disease determinants, prediction and gene–environment interactions in the UK Biobank. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1046-1054.	1.9	59
89	Validating parameters of a luciferase reporter gene assay to measure neutralizing antibodies to IFN $\hat{I}^2$ in multiple sclerosis patients. Journal of Immunological Methods, 2008, 336, 113-118.	1.4	57
90	Evaluating more naturalistic outcome measures. Neurology: Neuroimmunology and NeuroInflammation, $2015$ , $2$ , $e162$ .	6.0	57

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91	Efficacy and safety of delayed-release dimethyl fumarate in patients newly diagnosed with relapsing–remitting multiple sclerosis (RRMS). Multiple Sclerosis Journal, 2015, 21, 57-66.	3.0	56
92	Alemtuzumab improves preexisting disability in active relapsing-remitting MS patients. Neurology, 2016, 87, 1985-1992.	1.1	55
93	International consensus on quality standards for brain health-focused care in multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 1809-1818.	3.0	55
94	Systematic review and meta-analysis of the association between Epstein–Barr virus, multiple sclerosis and other risk factors. Multiple Sclerosis Journal, 2020, 26, 1281-1297.	3.0	55
95	The implications of immunogenicity for protein-based multiple sclerosis therapies. Journal of the Neurological Sciences, 2008, 275, 7-17.	0.6	54
96	Postâ€streptococcal autoimmune dystonia with isolated bilateral striatal necrosis. Developmental Medicine and Child Neurology, 2002, 44, 485-489.	2.1	52
97	Immunosuppression with FTY720 is insufficient to prevent secondary progressive neurodegeneration in experimental autoimmune encephalomyelitis. Multiple Sclerosis Journal, 2011, 17, 939-948.	3.0	52
98	Bradykinesia-Akinesia Incoordination Test: Validating an Online Keyboard Test of Upper Limb Function. PLoS ONE, 2014, 9, e96260.	2.5	52
99	Multiple Sclerosis Cerebrospinal Fluid Biomarkers. Disease Markers, 2006, 22, 187-196.	1.3	51
100	Immune reactivity to neurofilament proteins in the clinical staging of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 274-278.	1.9	51
101	The bradykinesia akinesia incoordination test (BRAIN TESTi $_{i}^{1}/_{2}$ ), an objective and user-friendly means to evaluate patients with Parkinsonism. Movement Disorders, 2000, 15, 641-647.	3.9	49
102	Biomarker Report from the Phase II Lamotrigine Trial in Secondary Progressive MS – Neurofilament as a Surrogate of Disease Progression. PLoS ONE, 2013, 8, e70019.	2.5	48
103	Safety and tolerability profile of daclizumab in patients with relapsing-remitting multiple sclerosis: An integrated analysis of clinical studies. Multiple Sclerosis and Related Disorders, 2016, 9, 36-46.	2.0	48
104	The effects of intrathecal rituximab on biomarkers in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2016, 6, 49-53.	2.0	47
105	Reduced brain atrophy rates are associated with lower risk of disability progression in patients with relapsing multiple sclerosis treated with cladribine tablets. Multiple Sclerosis Journal, 2018, 24, 222-226.	3.0	47
106	Clinical Significance of Gastrointestinal and Flushing Events in Patients with Multiple Sclerosis Treated with Delayed-Release Dimethyl Fumarate. International Journal of MS Care, 2015, 17, 236-243.	1.0	47
107	MRI outcomes with cladribine tablets for multiple sclerosis in the CLARITY study. Journal of Neurology, 2013, 260, 1136-1146.	3.6	46
108	Efficacy of Cladribine Tablets in high disease activity subgroups of patients with relapsing multiple sclerosis: A post hoc analysis of the CLARITY study. Multiple Sclerosis Journal, 2019, 25, 819-827.	3.0	46

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109	Epstein–Barr virus and multiple sclerosis: association or causation?. Expert Review of Neurotherapeutics, 2013, 13, 287-297.	2.8	45
110	Long-term effects of cladribine tablets on MRI activity outcomes in patients with relapsing–remitting multiple sclerosis: the CLARITY Extension study. Therapeutic Advances in Neurological Disorders, 2018, 17, 175628561775336.	3 <b>.</b> 5	45
111	The importance of a multi-disciplinary perspective and patient activation programmes in MS management. Multiple Sclerosis Journal, 2016, 22, 34-46.	3.0	44
112	Pediatric multiple sclerosis. Neurology, 2016, 87, S103-9.	1.1	44
113	Comparison of switching to 6-week dosing of natalizumab versus continuing with 4-week dosing in patients with relapsing-remitting multiple sclerosis (NOVA): a randomised, controlled, open-label, phase 3b trial. Lancet Neurology, The, 2022, 21, 608-619.	10.2	44
114	The McDonald Criteria for Multiple Sclerosis: time for clarification. Multiple Sclerosis Journal, 2010, 16, 566-575.	3.0	43
115	Therapies for multiple sclerosis: considerations in the pediatric patient. Nature Reviews Neurology, 2011, 7, 109-122.	10.1	43
116	Genetic Background Can Result in a Marked or Minimal Effect of Gene Knockout (GPR55 and CB2) Tj ETQq0 0 0 2013, 8, e76907.	rgBT /Over 2.5	lock 10 Tf 50 43
117	Depletion of <scp>CD</scp> 52â€positive cells inhibits the development of central nervous system autoimmune disease, but deletes an immuneâ€tolerance promoting <scp>CD</scp> 8 Tâ€cell population. Implications for secondary autoimmunity of alemtuzumab in multiple sclerosis. Immunology, 2017, 150, 444-455.	4.4	43
118	Vitamin D supplementation. Practical Neurology, 2018, 18, 35-42.	1.1	43
119	Learning from other autoimmunities to understand targeting of B cells to control multiple sclerosis. Brain, 2018, 141, 2834-2847.	7.6	43
120	Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial (MS-SMART): a multiarm phase IIb randomised, double-blind, placebo-controlled clinical trial comparing the efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis. BMJ Open, 2018, 8, e021944.	1.9	43
121	Neuroprotection in Experimental Autoimmune Encephalomyelitis and Progressive Multiple Sclerosis by Cannabis-Based Cannabinoids. Journal of NeuroImmune Pharmacology, 2015, 10, 281-292.	4.1	42
122	Evaluation of no evidence of progression or active disease (NEPAD) in patients with primary progressive multiple sclerosis in the ORATORIO trial. Annals of Neurology, 2018, 84, 527-536.	5.3	42
123	Anti-CD20 immunosuppressive disease-modifying therapies and COVID-19. Multiple Sclerosis and Related Disorders, 2020, 41, 102135.	2.0	42
124	Elevated salivary protein in Parkinson's disease and salivary DJ-1 as aÂpotential marker of disease severity. Parkinsonism and Related Disorders, 2015, 21, 1251-1255.	2.2	41
125	Ocrelizumab reduces progression of upper extremity impairment in patients with primary progressive multiple sclerosis: Findings from the phase III randomized ORATORIO trial. Multiple Sclerosis Journal, 2018, 24, 1862-1870.	3.0	41
126	Safety and efficacy of daclizumab in relapsing-remitting multiple sclerosis: 3-year results from the SELECTED open-label extension study. BMC Neurology, 2016, 16, 117.	1.8	40

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127	A brief history of NEDA. Multiple Sclerosis and Related Disorders, 2018, 20, 228-230.	2.0	40
128	Protecting people with multiple sclerosis through vaccination. Practical Neurology, 2020, 20, 435.1-445.	1.1	40
129	Switching patients at high risk of PML from natalizumab to another disease-modifying therapy. Practical Neurology, 2016, 16, 389-393.	1.1	39
130	Protease-activated receptor-1 activation by granzyme B causes neurotoxicity that is augmented by interleukin- $\hat{\Pi}^2$ . Journal of Neuroinflammation, 2017, 14, 131.	7.2	39
131	Immunogenicity and tolerability of an investigational formulation of interferon- $\hat{l}^21a$ : 24- and 48-week interim analyses of a 2-year, single-arm, historically controlled, phase IIIb study in adults with multiple sclerosis. Clinical Therapeutics, 2007, 29, 1128-1145.	2.5	38
132	The diagnostic criteria for multiple sclerosis: From Charcot to McDonald. Multiple Sclerosis and Related Disorders, 2012, 1, 9-14.	2.0	37
133	Screening performance of abbreviated versions of the UPSIT smell test. Journal of Neurology, 2019, 266, 1897-1906.	3.6	37
134	Lesional-targeting of neuroprotection to the inflammatory penumbra in experimental multiple sclerosis. Brain, 2014, 137, 92-108.	7.6	36
135	Effects of Delayed-Release Dimethyl Fumarate (DMF) on Health-Related Quality of Life in Patients With Relapsing-Remitting Multiple Sclerosis: An Integrated Analysis of the Phase 3 DEFINE and CONFIRM Studies. Clinical Therapeutics, 2014, 36, 1958-1971.	2.5	36
136	Increased expression of colonyâ€stimulating factorâ€1 in mouse spinal cord with experimental autoimmune encephalomyelitis correlates with microglial activation and neuronal loss. Glia, 2018, 66, 2108-2125.	4.9	36
137	Long-term safety data from the cladribine tablets clinical development program in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2020, 46, 102572.	2.0	36
138	Validating a novel web-based method to capture disease progression outcomes in multiple sclerosis. Journal of Neurology, 2013, 260, 2505-2510.	3.6	35
139	Cytokine profiles show heterogeneity of interferon- $\hat{l}^2$ response in multiple sclerosis patients. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e202.	6.0	34
140	Neural cell adhesion molecules in brain plasticity and disease. Multiple Sclerosis and Related Disorders, 2013, 2, 13-20.	2.0	33
141	Sustained Effect of Delayed-Release Dimethyl Fumarate in Newly Diagnosed Patients with Relapsing–Remitting Multiple Sclerosis: 6-Year Interim Results From an Extension of the DEFINE and CONFIRM Studies. Neurology and Therapy, 2016, 5, 45-57.	3.2	33
142	Marked neutropenia: Significant but rare in people with multiple sclerosis after alemtuzumab treatment. Multiple Sclerosis and Related Disorders, 2017, 18, 181-183.	2.0	33
143	Epstein-Barr–negative MS: a true phenomenon?. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e318.	6.0	33
144	Update on the management of multiple sclerosis during the COVID-19 pandemic and post pandemic: An international consensus statement. Journal of Neuroimmunology, 2021, 357, 577627.	2.3	33

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145	The Rebif® New Formulation Story. Drugs in R and D, 2007, 8, 335-348.	2.2	32
146	Neurofilament light antibodies in serum reflect response to natalizumab treatment in multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 1355-1362.	3.0	32
147	Control of spasticity in a multiple sclerosis model using central nervous systemâ€excluded CB <sub>1</sub> cannabinoid receptor agonists. FASEB Journal, 2014, 28, 117-130.	0.5	32
148	Alemtuzumab depletion failure can occur in multiple sclerosis. Immunology, 2018, 154, 253-260.	4.4	32
149	No evidence of disease activity (NEDA) analysis by epochs in patients with relapsing multiple sclerosis treated with ocrelizumab vs interferon beta-1a. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2018, 4, 205521731876064.	1.0	32
150	Gene-Environment Interactions in Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	32
151	Neuroprotection in a Novel Mouse Model of Multiple Sclerosis. PLoS ONE, 2013, 8, e79188.	2.5	32
152	Antineuronal antibody status and phenotype analysis in Tourette's syndrome. Movement Disorders, 2007, 22, 1424-1429.	3.9	31
153	Cerebrospinal fluid analysis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 681-702.	1.8	31
154	Neural cell adhesion molecule â€" Description of a CSF ELISA method and evidence of reduced levels in selected neurological disorders. Journal of Neuroimmunology, 2010, 225, 118-122.	2.3	30
155	Epstein–Barr virus, latitude and multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 362-365.	3.0	30
156	Natalizumab reduces relapse clinical severity and improves relapse recovery in MS. Multiple Sclerosis and Related Disorders, 2014, 3, 705-711.	2.0	30
157	A practical review of the neuropathology and neuroimaging of multiple sclerosis. Practical Neurology, 2016, 16, 279-287.	1.1	30
158	Cladribine tablets for relapsing–remitting multiple sclerosis: Efficacy across patient subgroups from the phase III CLARITY study. Multiple Sclerosis and Related Disorders, 2012, 1, 49-54.	2.0	29
159	The neurodegenerative prodrome in multiple sclerosis. Lancet Neurology, The, 2017, 16, 413-414.	10.2	29
160	Disease Modifying Drugs in Multiple Sclerosis: Mechanisms of Action and New Drugs in the Horizon. CNS and Neurological Disorders - Drug Targets, 2012, 11, 610-623.	1.4	29
161	The biology that underpins the therapeutic potential of cannabis-based medicines for the control of spasticity in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2012, 1, 64-75.	2.0	28
162	Superior MRI outcomes with alemtuzumab compared with subcutaneous interferon $\hat{l}^2$ -1a in MS. Neurology, 2016, 87, 1464-1472.	1.1	28

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163	A randomized, placebo-controlled, phase 2 trial of laquinimod in primary progressive multiple sclerosis. Neurology, 2020, 95, e1027-e1040.	1.1	28
164	Multiple sclerosis outpatient future groups: improving the quality of participant interaction and ideation tools within service improvement activities. BMC Health Services Research, 2015, 15, 105.	2.2	27
165	Neurodegeneration progresses despite complete elimination of clinical relapses in a mouse model of multiple sclerosis. Acta Neuropathologica Communications, 2013, 1, 84.	5.2	26
166	Efficacy and Safety of Delayed-release Dimethyl Fumarate for Relapsing-remitting Multiple Sclerosis in Prior Interferon Users: An Integrated Analysis of DEFINE and CONFIRM. Clinical Therapeutics, 2017, 39, 1671-1679.	2.5	26
167	Alemtuzumab improves quality-of-life outcomes compared with subcutaneous interferon beta-1a in patients with active relapsing-remitting multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 1367-1376.	3.0	26
168	Peripheral blood neurofilament light chain levels: the neurologist's C-reactive protein?. Brain, 2018, 141, 2235-2237.	7.6	26
169	Effect of fingolimod on MRI outcomes in patients with paediatric-onset multiple sclerosis: results from the phase 3 PARADIG <i>MS</i> study. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 483-492.	1.9	26
170	Enzymatic degradation of <scp>RNA</scp> causes widespread protein aggregation in cell and tissue lysates. EMBO Reports, 2020, 21, e49585.	4.5	26
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