

Jan Lycke

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.

90
papers

5,314
citations

34
h-index

72
g-index

99
ext. papers

6,755
ext. citations

6.8
avg, IF

5.28
L-index

#	Paper	IF	Citations
90	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. <i>Nature Genetics</i> , 2013 , 45, 1353-60	36.3	934
89	Siponimod versus placebo in secondary progressive multiple sclerosis (EXPAND): a double-blind, randomised, phase 3 study. <i>Lancet, The</i> , 2018 , 391, 1263-1273	40	422
88	Neurofilament light protein and glial fibrillary acidic protein as biological markers in MS. <i>Neurology</i> , 2003 , 61, 1720-5	6.5	239
87	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology: A Systematic Review and Meta-analysis. <i>JAMA Neurology</i> , 2019 , 76, 1035-1048	17.2	237
86	Axonal damage in relapsing multiple sclerosis is markedly reduced by natalizumab. <i>Annals of Neurology</i> , 2011 , 69, 83-9	9.4	236
85	Monitoring disease activity in multiple sclerosis using serum neurofilament light protein. <i>Neurology</i> , 2017 , 89, 2230-2237	6.5	205
84	Infection Risks Among Patients With Multiple Sclerosis Treated With Fingolimod, Natalizumab, Rituximab, and Injectable Therapies. <i>JAMA Neurology</i> , 2020 , 77, 184-191	17.2	200
83	Rituximab in multiple sclerosis: A retrospective observational study on safety and efficacy. <i>Neurology</i> , 2016 , 87, 2074-2081	6.5	187
82	Conversion from clinically isolated syndrome to multiple sclerosis: A large multicentre study. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 1013-24	5	181
81	Effect of natalizumab on disease progression in secondary progressive multiple sclerosis (ASCEND): a phase 3, randomised, double-blind, placebo-controlled trial with an open-label extension. <i>Lancet Neurology, The</i> , 2018 , 17, 405-415	24.1	150
80	Rituximab versus fingolimod after natalizumab in multiple sclerosis patients. <i>Annals of Neurology</i> , 2016 , 79, 950-8	9.4	143
79	High nationwide prevalence of multiple sclerosis in Sweden. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 901-8	5	130
78	Plasma neurofilament light chain levels in patients with MS switching from injectable therapies to fingolimod. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1046-1054	5	113
77	Autologous haematopoietic stem cell transplantation for aggressive multiple sclerosis: the Swedish experience. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1116-21	5.5	108
76	Glial fibrillary acidic protein: a potential biomarker for progression in multiple sclerosis. <i>Journal of Neurology</i> , 2011 , 258, 882-8	5.5	96
75	Acyclovir treatment of relapsing-remitting multiple sclerosis. A randomized, placebo-controlled, double-blind study. <i>Journal of Neurology</i> , 1996 , 243, 214-24	5.5	93
74	Cerebrospinal fluid biomarkers as a measure of disease activity and treatment efficacy in relapsing-remitting multiple sclerosis. <i>Journal of Neurochemistry</i> , 2017 , 141, 296-304	6	87

73	Glial fibrillary acidic protein in CSF of multiple sclerosis patients: relation to neurological deficit. <i>Journal of the Neurological Sciences</i> , 1995 , 133, 61-5	3.2	82
72	Immunosuppressive therapy reduces axonal damage in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 43-50	5	81
71	A Swedish national post-marketing surveillance study of natalizumab treatment in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 708-19	5	80
70	Incidence of MS during two fifteen-year periods in the Gothenburg region of Sweden. <i>Acta Neurologica Scandinavica</i> , 1990 , 82, 161-8	3.8	80
69	Acyclovir levels in serum and cerebrospinal fluid after oral administration of valacyclovir. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 2438-41	5.9	79
68	Timing of high-efficacy therapy for multiple sclerosis: a retrospective observational cohort study. <i>Lancet Neurology</i> , 2020 , 19, 307-316	24.1	77
67	Cerebrospinal fluid biomarkers of inflammation and degeneration as measures of fingolimod efficacy in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 62-71	5	64
66	Time to secondary progression in patients with multiple sclerosis who were treated with first generation immunomodulating drugs. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 765-74	5	58
65	Soluble TREM-2 in cerebrospinal fluid from patients with multiple sclerosis treated with natalizumab or mitoxantrone. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1587-1595	5	53
64	A multicentre validation study of the diagnostic value of plasma neurofilament light. <i>Nature Communications</i> , 2021 , 12, 3400	17.4	51
63	Prolonged-release fampridine and walking and balance in MS: randomised controlled MOBILE trial. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 212-21	5	47
62	Blood neurofilament light levels segregate treatment effects in multiple sclerosis. <i>Neurology</i> , 2020 , 94, e1201-e1212	6.5	46
61	Cancer Risk for Fingolimod, Natalizumab, and Rituximab in Multiple Sclerosis Patients. <i>Annals of Neurology</i> , 2020 , 87, 688-699	9.4	43
60	CSF levels of YKL-40 are increased in MS and replaced with immunosuppressive treatment. <i>Journal of Neuroimmunology</i> , 2014 , 269, 87-9	3.5	43
59	High nationwide incidence of multiple sclerosis in Sweden. <i>PLoS ONE</i> , 2014 , 9, e108599	3.7	41
58	Inflammation-related plasma and CSF biomarkers for multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12952-12960	11.5	39
57	Guidelines for the use of magnetic resonance imaging in diagnosing and monitoring the treatment of multiple sclerosis: recommendations of the Swedish Multiple Sclerosis Association and the Swedish Neuroradiological Society. <i>Acta Neurologica Scandinavica</i> , 2017 , 135, 17-24	3.8	37
56	Rituximab in paediatric onset multiple sclerosis: a case series. <i>Journal of Neurology</i> , 2016 , 263, 322-326	5.5	30

55	Acyclovir concentrations in serum and cerebrospinal fluid at steady state. <i>Journal of Antimicrobial Chemotherapy</i> , 1989 , 24, 947-54	5.1	30
54	Monoclonal antibody therapies for the treatment of relapsing-remitting multiple sclerosis: differentiating mechanisms and clinical outcomes. <i>Therapeutic Advances in Neurological Disorders</i> , 2015 , 8, 274-93	6.6	29
53	Plasma neurofilament light levels are associated with risk of disability in multiple sclerosis. <i>Neurology</i> , 2020 , 94, e2457-e2467	6.5	29
52	Peripheral neuropathy associated with monoclonal IgM antibody to glycolipids with a terminal glucuronyl-3-sulfate epitope. <i>Journal of Neurology</i> , 1993 , 240, 381-7	5.5	28
51	Safety and efficacy of MD1003 (high-dose biotin) in patients with progressive multiple sclerosis (SPI2): a randomised, double-blind, placebo-controlled, phase 3 trial. <i>Lancet Neurology</i> , 2020 , 19, 988-997	24.1	28
50	Minocycline added to subcutaneous interferon β 1a in multiple sclerosis: randomized RECYCLINE study. <i>European Journal of Neurology</i> , 2016 , 23, 861-70	6	24
49	Asymptomatic visual loss in multiple sclerosis. <i>Journal of Neurology</i> , 2001 , 248, 1079-86	5.5	22
48	Searching for neurodegeneration in multiple sclerosis at clinical onset: Diagnostic value of biomarkers. <i>PLoS ONE</i> , 2018 , 13, e0194828	3.7	21
47	Reduced cerebrospinal fluid concentrations of oxysterols in response to natalizumab treatment of relapsing remitting multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2015 , 358, 201-6	3.2	19
46	Natalizumab, rituximab and fingolimod as escalation therapy in multiple sclerosis. <i>European Journal of Neurology</i> , 2019 , 26, 1060-1067	6	19
45	Age-dependent effects on the treatment response of natalizumab in MS patients. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 48-56	5	17
44	Treatment Escalation vs Immediate Initiation of Highly Effective Treatment for Patients With Relapsing-Remitting Multiple Sclerosis: Data From 2 Different National Strategies. <i>JAMA Neurology</i> , 2021 , 78, 1197-1204	17.2	16
43	The role of blood and CSF biomarkers in the evaluation of new treatments against multiple sclerosis. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 1143-1153	5.1	14
42	Aggressive multiple sclerosis (1): Towards a definition of the phenotype. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1352458520925369	5	14
41	Cerebrospinal fluid levels of glial marker YKL-40 strongly associated with axonal injury in HIV infection. <i>Journal of Neuroinflammation</i> , 2019 , 16, 16	10.1	13
40	Neurofilament light protein levels in cerebrospinal fluid predict long-term disability of Guillain-Barré syndrome: A pilot study. <i>Acta Neurologica Scandinavica</i> , 2018 , 138, 143-150	3.8	13
39	Rituximab treatment did not aggravate ongoing progressive multifocal leukoencephalopathy in a patient with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2015 , 353, 155-7	3.2	12
38	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

37	Trials of antivirals in the treatment of multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2017 , 136 Suppl 201, 45-48	3.8	11
36	High Interferon- γ Uniquely in V α T Cells Correlates with Markers of Inflammation and Axonal Damage in Early Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2017 , 8, 260	8.4	11
35	No evidence for spumavirus or oncovirus infection in relapsing-remitting multiple sclerosis. <i>Annals of Neurology</i> , 1992 , 32, 711-4	9.4	11
34	First reported case of diabetes mellitus type 1 as a possible secondary autoimmune disease following alemtuzumab treatment in MS. <i>Journal of Neurology</i> , 2014 , 261, 2016-8	5.5	10
33	Human spumaretrovirus antibody reactivity in multiple sclerosis. <i>Journal of Neurology</i> , 1994 , 241, 204-9	5.5	10
32	Prolonged-release fampridine treatment improved subject-reported impact of multiple sclerosis: Item-level analysis of the MSIS-29. <i>Journal of the Neurological Sciences</i> , 2016 , 370, 123-131	3.2	9
31	Efficacy of alemtuzumab over 6 years in relapsing-remitting multiple sclerosis patients who relapsed between courses 1 and 2: Post hoc analysis of the CARE-MS studies. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1719-1728	5	8
30	An unexpectedly high occurrence of aciclovir-induced neuropsychiatric symptoms in patients treated for herpesvirus CNS infection: a prospective observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3565-3572	5.1	7
29	Sulfatide isoform pattern in cerebrospinal fluid discriminates progressive MS from relapsing-remitting MS. <i>Journal of Neurochemistry</i> , 2018 , 146, 322-332	6	7
28	Upper Respiratory Infections and MRI Activity in Relapsing-Remitting Multiple Sclerosis. <i>Neuroepidemiology</i> , 2015 , 45, 83-9	5.4	7
27	A nationwide survey of the influence of month of birth on the risk of developing multiple sclerosis in Sweden and Iceland. <i>Journal of Neurology</i> , 2018 , 265, 108-114	5.5	7
26	Kappa free light chain index as a diagnostic biomarker in multiple sclerosis: A real-world investigation. <i>Journal of Neurochemistry</i> , 2021 , 159, 618-628	6	7
25	Possible association of HTLV-I infection and dementia. <i>Acta Neurologica Scandinavica</i> , 1993 , 88, 199-203	3.8	6
24	Diagnostic value of plasma neurofilament light: A multicentre validation study		6
23	NFL and CXCL13 may reveal disease activity in clinically and radiologically stable MS. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 46, 102463	4	6
22	Comparative effectiveness of dimethyl fumarate as the initial and secondary treatment for MS. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1532-1539	5	6
21	Smouldering multiple sclerosis: the real MSU. <i>Therapeutic Advances in Neurological Disorders</i> , 2022 , 15, 17562864211066751	6.6	5
20	Use of immunoreactive synthetic HTLV-1 peptides in the search for antibody reactivity in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 1992 , 85, 44-54	3.8	4

19	Ultrasensitive DNA Immune Repertoire Sequencing Using Unique Molecular Identifiers. <i>Clinical Chemistry</i> , 2020 , 66, 1228-1237	5.5	4
18	Autologous haematopoietic stem cell transplantation compared with alemtuzumab for relapsing-remitting multiple sclerosis: an observational study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 189-194	5.5	4
17	Cerebrospinal fluid NCAM levels are modulated by disease-modifying therapies. <i>Acta Neurologica Scandinavica</i> , 2019 , 139, 422-427	3.8	3
16	Intensive immunosuppression followed by autologous hematopoietic stem cell transplantation for the treatment of multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2020 , 13, 1756286420929467	6.6	2
15	Autism spectrum disorders: does cilia dysfunction in embryogenesis play a role?. <i>Acta Neuropsychiatrica</i> , 2008 , 20, 227-228	3.9	2
14	Reduction of the risk of PML in natalizumab treated MS patients in Sweden: An effect of improved PML risk surveillance. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 50, 102842	4	2
13	Safety of Alemtuzumab and Autologous Hematopoietic Stem Cell Transplantation Compared to Noninduction Therapies for Multiple Sclerosis. <i>Neurology</i> , 2021 , 96, e1574-e1584	6.5	2
12	Can multiple sclerosis be cured? A case of highly active relapsing multiple sclerosis treated with autologous hematopoietic stem-cell transplantation 13 years ago. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 44, 102253	4	1
11	Cerebrospinal fluid growth-associated protein 43 in multiple sclerosis. <i>Scientific Reports</i> , 2019 , 9, 17309	4.9	1
10	Exploring CSF neurofilament light as a biomarker for MS in clinical practice; a retrospective registry-based study. <i>Multiple Sclerosis Journal</i> , 2021 , 13524585211039104	5	1
9	The levels of the serine protease HTRA1 in cerebrospinal fluid correlate with progression and disability in multiple sclerosis. <i>Journal of Neurology</i> , 2021 , 268, 3316-3324	5.5	0
8	Confirmed 6-Month Disability Improvement and Worsening Correlate with Long-term Disability Outcomes in Alemtuzumab-Treated Patients with Multiple Sclerosis: Post Hoc Analysis of the CARE-MS Studies. <i>Neurology and Therapy</i> , 2021 , 10, 803-818	4.6	0
7	Modeling the cost-effectiveness of prolonged-release fampridine for the treatment of walking impairment in patients with multiple sclerosis in Sweden. <i>Journal of Medical Economics</i> , 2021 , 24, 770-780	3.4	0
6	054 Disability improvement is observed in each functional system in alemtuzumab-treated patients with active RRMS: results from CARE-MS II extension. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A22.2-A22	5.5	
5	PO152 Alemtuzumab efficacy in patients with relapse after course 1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A53.1-A53	5.5	
4	A.03 Durable clinical and MRI efficacy of alemtuzumab over 6 years in CARE-MS II patients with RRMS who relapsed between Courses 1 and 2. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, S10-S10	1	
3	P.027 Efficacy of a fourth alemtuzumab course in RRMS patients from CARE-MS II who experienced disease activity after three prior courses. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, S23-S23	1	
2	Persons with suspicious onset of multiple sclerosis but with undetermined diagnosis had persistent lower cognition and reduced quality of life. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 52, 102977	4	

- 1 Efficacy of prolonged-release fampridine versus placebo on walking ability, dynamic and static balance, physical impact of multiple sclerosis, and quality of life: an integrated analysis of MOBILE and ENHANCE. *Therapeutic Advances in Neurological Disorders*, **2022**, 15, 175628642210903 6.6