Martin Stangel

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Contrasting disease patterns in seropositive and seronegative neuromyelitis optica: A multicentre study of 175 patients. Journal of Neuroinflammation, 2012, 9, 14.	3.1	593
2	Transferrin receptor internalization sequence YXRF implicates a tight turn as the structural recognition motif for endocytosis. Cell, 1990, 63, 1061-1072.	13.5	525
3	Safety and efficacy of eculizumab in anti-acetylcholine receptor antibody-positive refractory generalised myasthenia gravis (REGAIN): a phase 3, randomised, double-blind, placebo-controlled, multicentre study. Lancet Neurology, The, 2017, 16, 976-986.	4.9	472
4	Neuromyelitis optica: Evaluation of 871 attacks and 1,153 treatment courses. Annals of Neurology, 2016, 79, 206-216.	2.8	315
5	Astrocytes regulate myelin clearance through recruitment of microglia during cuprizone-induced demyelination. Brain, 2013, 136, 147-167.	3.7	298
6	Glial response during cuprizone-induced de- and remyelination in the CNS: lessons learned. Frontiers in Cellular Neuroscience, 2014, 8, 73.	1.8	293
7	Cortical Demyelination Is Prominent in the Murine Cuprizone Model and Is Strain-Dependent. American Journal of Pathology, 2008, 172, 1053-1061.	1.9	247
8	Regional differences between grey and white matter in cuprizone induced demyelination. Brain Research, 2009, 1283, 127-138.	1.1	199
9	Subcutaneous immunoglobulin for maintenance treatment in chronic inflammatory demyelinating polyneuropathy (PATH): a randomised, double-blind, placebo-controlled, phase 3 trial. Lancet Neurology, The, 2018, 17, 35-46.	4.9	193
10	The utility of cerebrospinal fluid analysis in patients with multiple sclerosis. Nature Reviews Neurology, 2013, 9, 267-276.	4.9	181
11	Apheresis therapies for NMOSD attacks. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e504.	3.1	173
12	De- and remyelination in the CNS white and grey matter induced by cuprizone: the old, the new, and the unexpected. Histology and Histopathology, 2011, 26, 1585-97.	0.5	169
13	Characterisation of microglia during de- and remyelination: Can they create a repair promoting environment?. Neurobiology of Disease, 2012, 45, 519-528.	2.1	161
14	Towards the implementation of â€~no evidence of disease activity' in multiple sclerosis treatment: the multiple sclerosis decision model. Therapeutic Advances in Neurological Disorders, 2015, 8, 3-13.	1.5	145
15	Longitudinal extensive transverse myelitis—it's not all neuromyelitis optica. Nature Reviews Neurology, 2011, 7, 688-698.	4.9	141
16	Fumaric acid and its esters: An emerging treatment for multiple sclerosis with antioxidative mechanism of action. Clinical Immunology, 2012, 142, 44-48.	1.4	140
17	Sequential myelin protein expression during remyelination reveals fast and efficient repair after central nervous system demyelination. Neuropathology and Applied Neurobiology, 2008, 34, 105-114.	1.8	134
18	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. Science Advances, 2016, 2, e1501678	4.7	133

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19	Immunotherapies in neuromyelitis optica spectrum disorder: efficacy and predictors of response. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 639-647.	0.9	123
20	Cuprizone [Bis(Cyclohexylidenehydrazide)] is Selectively Toxic for Mature Oligodendrocytes. Neurotoxicity Research, 2013, 24, 244-250.	1.3	122
21	Remyelinating strategies for the treatment of multiple sclerosis. Progress in Neurobiology, 2002, 68, 361-376.	2.8	121
22	Drug Insight: the use of intravenous immunoglobulin in neurology—therapeutic considerations and practical issues. Nature Clinical Practice Neurology, 2007, 3, 36-44.	2.7	121
23	Demyelination of the hippocampus is prominent in the cuprizone model. Neuroscience Letters, 2009, 451, 83-88.	1.0	118
24	CXCL10 Triggers Early Microglial Activation in the Cuprizone Model. Journal of Immunology, 2015, 194, 3400-3413.	0.4	115
25	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. Cell, 2018, 175, 1679-1687.e7.	13.5	115
26	Ocrelizumab Depletes CD20+ T Cells in Multiple Sclerosis Patients. Cells, 2019, 8, 12.	1.8	109
27	Chronic toxic demyelination in the central nervous system leads to axonal damage despite remyelination. Neuroscience Letters, 2009, 453, 120-125.	1.0	108
28	H2O2 and Nitric Oxide-mediated Oxidative Stress Induce Apoptosis in Rat Skeletal Muscle Myoblasts. Journal of Neuropathology and Experimental Neurology, 1996, 55, 36-43.	0.9	98
29	Intravenous immunoglobulin treatment of neurological autoimmune diseases. Journal of the Neurological Sciences, 1998, 153, 203-214.	0.3	94
30	Epileptic seizures and hippocampal damage after cuprizone-induced demyelination in C57BL/6 mice. Experimental Neurology, 2008, 210, 308-321.	2.0	94
31	CCL5 induces a pro-inflammatory profile in microglia in vitro. Cellular Immunology, 2011, 270, 164-171.	1.4	92
32	Achievements and obstacles of remyelinating therapies in multiple sclerosis. Nature Reviews Neurology, 2017, 13, 742-754.	4.9	89
33	Autoantibodies against aquaporinâ€4 in patients with neuropsychiatric systemic lupus erythematosus and primary Sjögren's syndrome. Arthritis and Rheumatism, 2010, 62, 1198-1200.	6.7	88
34	Effectors of Th1 and Th17 cells act on astrocytes and augment their neuroinflammatory properties. Journal of Neuroinflammation, 2017, 14, 204.	3.1	88
35	Side effects of intravenous immunoglobulins in neurological autoimmune disorders. Journal of Neurology, 2003, 250, 818-821.	1.8	86
36	Cerebellar Cortical Demyelination in the Murine Cuprizone Model. Brain Pathology, 2010, 20, 301-312.	2.1	86

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37	Expression of the chemokine receptors CXCR1 and CXCR2 in rat oligodendroglial cells. Developmental Brain Research, 2001, 128, 77-81.	2.1	84
38	Type I Interferon Receptor Signaling of Neurons and Astrocytes Regulates Microglia Activation during Viral Encephalitis. Cell Reports, 2018, 25, 118-129.e4.	2.9	84
39	Cerebrospinal fluid JC virus antibody index for diagnosis of natalizumabâ€associated progressive multifocal leukoencephalopathy. Annals of Neurology, 2014, 76, 792-801.	2.8	82
40	Cerebrospinal fluid findings in COVID-19: a multicenter study of 150 lumbar punctures in 127 patients. Journal of Neuroinflammation, 2022, 19, 19.	3.1	82
41	Pivotal role of choline metabolites in remyelination. Brain, 2015, 138, 398-413.	3.7	80
42	Spatial and Temporal Profiles of Growth Factor Expression during CNS Demyelination Reveal the Dynamics of Repair Priming. PLoS ONE, 2011, 6, e22623.	1.1	80
43	Apoptosis of Myelin-Reactive T Cells Induced by Reactive Oxygen and Nitrogen Intermediatesin Vitro. Cellular Immunology, 1997, 178, 1-8.	1.4	79
44	Natalizumab exerts a suppressive effect on surrogates of B cell function in blood and CSF. Multiple Sclerosis Journal, 2015, 21, 1036-1044.	1.4	78
45	Side Effects of High-Dose Intravenous Immunoglobulins. Clinical Neuropharmacology, 1997, 20, 385-393.	0.2	77
46	A β-Lactam Antibiotic Dampens Excitotoxic Inflammatory CNS Damage in a Mouse Model of Multiple Sclerosis. PLoS ONE, 2008, 3, e3149.	1.1	76
47	Mechanisms of High-Dose Intravenous Immunoglobulins in Demyelinating Diseases. Archives of Neurology, 1999, 56, 661.	4.9	71
48	Effects of Fumaric Acids on Cuprizone Induced Central Nervous System De- and Remyelination in the Mouse. PLoS ONE, 2010, 5, e11769.	1.1	71
49	Common and uncommon neurological manifestations of neuroborreliosis leading to hospitalization. BMC Infectious Diseases, 2017, 17, 90.	1.3	71
50	Plasma Exchange Therapy in Steroid-Unresponsive Relapses in Patients with Multiple Sclerosis. Blood Purification, 2009, 28, 108-115.	0.9	69
51	Clinical approach to optic neuritis: pitfalls, red flags and differential diagnosis. Therapeutic Advances in Neurological Disorders, 2011, 4, 123-134.	1.5	69
52	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. EBioMedicine, 2020, 56, 102807.	2.7	67
53	Complete Epstein-Barr virus seropositivity in a large cohort of patients with early multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 681-686.	0.9	66
54	Effector molecules released by Th1 but not Th17 cells drive an M1 response in microglia. Brain, Behavior, and Immunity, 2014, 37, 248-259.	2.0	65

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55	Upon Intranasal Vesicular Stomatitis Virus Infection, Astrocytes in the Olfactory Bulb Are Important Interferon Beta Producers That Protect from Lethal Encephalitis. Journal of Virology, 2015, 89, 2731-2738.	1.5	64
56	Neuro-Sjögren: Peripheral Neuropathy With Limb Weakness in Sjögren's Syndrome. Frontiers in Immunology, 2019, 10, 1600.	2.2	64
57	Fluorodeoxyglucose positron emission tomography (FDG-PET) is useful in the diagnosis of neurosarcoidosis. Journal of the Neurological Sciences, 2009, 287, 257-259.	0.3	61
58	Synaptophysin Is a Reliable Marker for Axonal Damage. Journal of Neuropathology and Experimental Neurology, 2017, 76, 109-125.	0.9	61
59	Lipid nanoparticle-mediated siRNA delivery for safe targeting of human CML in vivo. Annals of Hematology, 2019, 98, 1905-1918.	0.8	61
60	Therapeutic Potential of Mesenchymal Stromal Cells and MSC Conditioned Medium in Amyotrophic Lateral Sclerosis (ALS) - In Vitro Evidence from Primary Motor Neuron Cultures, NSC-34 Cells, Astrocytes and Microglia. PLoS ONE, 2013, 8, e72926.	1.1	60
61	Influence of female sex and fertile age on neuromyelitis optica spectrum disorders. Multiple Sclerosis Journal, 2017, 23, 1092-1103.	1.4	60
62	Antibody-based therapy in Alzheimer's disease. Expert Opinion on Biological Therapy, 2011, 11, 343-357.	1.4	56
63	Modulation of rat oligodendrocyte precursor cells by the chemokine CXCL12. NeuroReport, 2006, 17, 1187-1190.	0.6	55
64	Immunophenotyping of Cerebrospinal Fluid Cells in Multiple Sclerosis. JAMA Neurology, 2014, 71, 905.	4.5	54
65	Treatment choices and neuropsychological symptoms of a large cohort of early MS. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e446.	3.1	54
66	Glatiramer Acetate Modulates TNF-α and IL-10 Secretion in Microglia and Promotes Their Phagocytic Activity. Journal of NeuroImmune Pharmacology, 2011, 6, 381-388.	2.1	53
67	Revised McDonald criteria: The persisting importance of cerebrospinal fluid analysis. Annals of Neurology, 2011, 70, 520-520.	2.8	53
68	Experience in Multiple Sclerosis Patients with COVID-19 and Disease-Modifying Therapies: A Review of 873 Published Cases. Journal of Clinical Medicine, 2020, 9, 4067.	1.0	53
69	Beneficial Effects of Minocycline on Cuprizone Induced Cortical Demyelination. Neurochemical Research, 2010, 35, 1422-1433.	1.6	52
70	Impact of the McDonald Criteria 2017 on Early Diagnosis of Relapsing-Remitting Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 188.	1.1	52
71	Basic principles of intravenous immunoglobulin (IVIg) treatment. Journal of Neurology, 2006, 253, v18-v24.	1.8	48
72	Association of Intrathecal Immunoglobulin G Synthesis With Disability Worsening in Multiple Sclerosis. JAMA Neurology, 2019, 76, 841.	4.5	48

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73	Oligodendroglia are protected from antibody-mediated complement injury by normal immunoglobulins ("IVIgâ€). Journal of Neuroimmunology, 2000, 103, 195-201.	1.1	47
74	Polyclonal immunoglobulins (IVIg) modulate nitric oxide production and microglial functions in vitro via Fc receptors. Journal of Neuroimmunology, 2001, 112, 63-71.	1.1	46
75	Importance of cerebrospinal fluid analysis in the era of McDonald 2010 criteria: a German–Austrian retrospective multicenter study in patients with a clinically isolated syndrome. Journal of Neurology, 2016, 263, 2499-2504.	1.8	46
76	Effects of interferon-β on co-signaling molecules: upregulation of CD40, CD86 and PD-L2 on monocytes in relation to clinical response to interferon-β treatment in patients with multiple sclerosis. Multiple Sclerosis Journal, 2008, 14, 166-176.	1.4	45
77	Update on treatment options for Lambert–Eaton myasthenic syndrome: focus on use of amifampridine. Neuropsychiatric Disease and Treatment, 2011, 7, 341.	1.0	45
78	Neuroprotection and neuroregeneration in multiple sclerosis. Journal of Neurology, 2008, 255, 77-81.	1.8	43
79	Effects of Murine and Human Bone Marrow-Derived Mesenchymal Stem Cells on Cuprizone Induced Demyelination. PLoS ONE, 2013, 8, e69795.	1.1	43
80	Varicella zoster virus infections in neurological patients: a clinical study. BMC Infectious Diseases, 2018, 18, 238.	1.3	41
81	Matrix Metalloproteinases and Their Tissue Inhibitors in Cuprizone-Induced Demyelination and Remyelination of Brain White and Gray Matter. Journal of Neuropathology and Experimental Neurology, 2011, 70, 758-769.	0.9	40
82	Deregulation of microRNA-181c in cerebrospinal fluid of patients with clinically isolated syndrome is associated with early conversion to relapsing–remitting multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1202-1214.	1.4	40
83	Decreased plasma phospholipid concentrations and increased acid sphingomyelinase activity are accurate biomarkers for community-acquired pneumonia. Journal of Translational Medicine, 2019, 17, 365.	1.8	38
84	Leptomeningeal Metastasis: The Role of Cerebrospinal Fluid Diagnostics. Frontiers in Neurology, 2019, 10, 839.	1.1	38
85	Active Case Finding of Current Bornavirus Infections in Human Encephalitis Cases of Unknown Etiology, Germany, 2018–2020. Emerging Infectious Diseases, 2021, 27, 1371-1379.	2.0	38
86	Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
87	The chemokine receptor CXCR2 is differentially regulated on glial cells <i>in vivo</i> but is not required for successful remyelination after cuprizoneâ€induced demyelination. Glia, 2008, 56, 1104-1113.	2.5	37
88	Polysialic acid on SynCAM 1 in NG2 cells and on neuropilinâ€2 in microglia is confined to intracellular pools that are rapidly depleted upon stimulation. Glia, 2015, 63, 1240-1255.	2.5	37
89	Kynurenine Is a Cerebrospinal Fluid Biomarker for Bacterial and Viral Central Nervous System Infections. Journal of Infectious Diseases, 2019, 220, 127-138.	1.9	37
90	Glatiramer Acetate Increases Phagocytic Activity of Human Monocytes In Vitro and in Multiple Sclerosis Patients. PLoS ONE, 2012, 7, e51867.	1.1	36

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91	Pathogenic and physiological autoantibodies in the central nervous system. Immunological Reviews, 2012, 248, 68-86.	2.8	36
92	In vitro evaluation of physiologically relevant concentrations of teriflunomide on activation and proliferation of primary rodent microglia. Journal of Neuroinflammation, 2016, 13, 250.	3.1	36
93	McDonald Criteria 2010 and 2005 Compared: Persistence of High Oligoclonal Band Prevalence Despite Almost Doubled Diagnostic Sensitivity. International Journal of Molecular Sciences, 2016, 17, 1592.	1.8	34
94	The Persisting Significance of Oligoclonal Bands in the Dawning Era of Kappa Free Light Chains for the Diagnosis of Multiple Sclerosis. International Journal of Molecular Sciences, 2018, 19, 3796.	1.8	34
95	Remyelination after cuprizone induced demyelination is accelerated in mice deficient in the polysialic acid synthesizing enzyme St8sialV. Neuroscience, 2010, 171, 235-244.	1.1	33
96	Lack of interferon-beta leads to accelerated remyelination in a toxic model of central nervous system demyelination. Acta Neuropathologica, 2007, 114, 587-596.	3.9	32
97	Immunoadsorption Therapy for Steroid-Unresponsive Relapses in Patients with Multiple Sclerosis. Blood Purification, 2012, 33, 1-6.	0.9	32
98	Polyclonal immunoglobulins for intravenous use do not influence the behaviour of cultured oligodendrocytes. Journal of Neuroimmunology, 1999, 96, 228-233.	1.1	31
99	Effects of interferon-beta on oligodendroglial cells. Journal of Neuroimmunology, 2006, 177, 173-180.	1.1	30
100	Cuprizone inhibits demyelinating leukomyelitis by reducing immune responses without virus exacerbation in an infectious model of multiple sclerosis. Journal of Neuroimmunology, 2012, 244, 84-93.	1.1	29
101	Importance of Follow-Up Cerebrospinal Fluid Analysis in Cryptococcal Meningoencephalitis. Disease Markers, 2014, 2014, 1-10.	0.6	29
102	Management of patients with malignancies and secondary immunodeficiencies treated with immunoglobulins in clinical practice: Longâ€ŧerm data of the SIGNS study. European Journal of Haematology, 2017, 99, 169-177.	1.1	29
103	Longitudinal prevalence and determinants of pain in multiple sclerosis: results from the German National Multiple Sclerosis Cohort study. Pain, 2020, 161, 787-796.	2.0	29
104	2-Chlorodeoxyadenosine (cladribine) induces apoptosis in human monocyte-derived dendritic cells. Clinical and Experimental Immunology, 2013, 173, 288-297.	1.1	28
105	Subcutaneous immunoglobulin treatment of inclusion-body myositis stabilizes dysphagia. Muscle and Nerve, 2013, 48, 838-839.	1.0	28
106	IFN-Î ³ Producing Th1 Cells Induce Different Transcriptional Profiles in Microglia and Astrocytes. Frontiers in Cellular Neuroscience, 2018, 12, 352.	1.8	28
107	Case Report: Daratumumab in a Patient With Severe Refractory Anti-NMDA Receptor Encephalitis. Frontiers in Neurology, 2020, 11, 602102.	1.1	28
108	Fumarates for the treatment of multiple sclerosis: potential mechanisms of action and clinical studies. Expert Review of Neurotherapeutics, 2008, 8, 1683-1690.	1.4	27

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109	Cerebrospinal Fluid Findings in Neurological Diseases Associated with Sjögren's Syndrome. European Neurology, 2017, 77, 91-102.	0.6	27
110	Effects of fumaric acid esters on blood–brain barrier tight junction proteins. Neuroscience Letters, 2013, 555, 165-170.	1.0	26
111	Ovarectomy despite Negative Imaging in Anti-NMDA Receptor Encephalitis: Effective Even Late. Case Reports in Neurological Medicine, 2013, 2013, 1-3.	0.3	26
112	Polysialylation at Early Stages of Oligodendrocyte Differentiation Promotes Myelin Repair. Journal of Neuroscience, 2017, 37, 8131-8141.	1.7	26
113	Alemtuzumab therapy changes immunoglobulin levels in peripheral blood and CSF. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e654.	3.1	26
114	Delayed Demyelination and Impaired Remyelination in Aged Mice in the Cuprizone Model. Cells, 2020, 9, 945.	1.8	26
115	Lipopolysaccharide delays demyelination and promotes oligodendrocyte precursor proliferation in the central nervous system. Brain, Behavior, and Immunity, 2011, 25, 1592-1606.	2.0	25
116	Effects of 2-Chlorodeoxyadenosine (Cladribine) on Primary Rat Microglia. Journal of NeuroImmune Pharmacology, 2012, 7, 939-950.	2.1	25
117	Dimethyl fumarate (BG-12) for the treatment of multiple sclerosis. Expert Review of Clinical Pharmacology, 2013, 6, 355-362.	1.3	25
118	Mesenchymal stem cells do not exert direct beneficial effects on CNS remyelination in the absence of the peripheral immune system. Brain, Behavior, and Immunity, 2015, 50, 155-165.	2.0	25
119	The quality of cortical network function recovery depends on localization and degree of axonal demyelination. Brain, Behavior, and Immunity, 2017, 59, 103-117.	2.0	25
120	The Impact of Immunomodulatory Treatment on Kappa Free Light Chains as Biomarker in Neuroinflammation. Cells, 2020, 9, 842.	1.8	25
121	Intrathecal synthesis of anti-Hu antibodies distinguishes patients with paraneoplastic peripheral neuropathy and encephalitis. BMC Neurology, 2016, 16, 136.	0.8	24
122	The Influence of Blood Contamination on Cerebrospinal Fluid Diagnostics. Frontiers in Neurology, 2019, 10, 584.	1.1	24
123	Reiber's Diagram for Kappa Free Light Chains: The New Standard for Assessing Intrathecal Synthesis?. Diagnostics, 2019, 9, 194.	1.3	24
124	Can we predict cognitive decline after initial diagnosis of multiple sclerosis? Results from the German National early MS cohort (KKNMS). Journal of Neurology, 2019, 266, 386-397.	1.8	24
125	Cuprizoneâ€induced demyelination triggers a <scp>CD8</scp> â€pronounced T cell recruitment. Glia, 2021, 69, 925-942.	2.5	24
126	Quantification of Microglial Phagocytosis by a Flow Cytometer-Based Assay. Methods in Molecular Biology, 2013, 1041, 121-127.	0.4	23

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127	Nitric oxide/cyclic GMP signaling regulates motility of a microglial cell line and primary microglia in vitro. Brain Research, 2014, 1564, 9-21.	1.1	23
128	Effect of FTY720-phosphate on the expression of inflammation-associated molecules in astrocytes in vitro. Molecular Medicine Reports, 2015, 12, 6171-6177.	1.1	23
129	Clinically Isolated Syndrome According to McDonald 2010: Intrathecal IgG Synthesis Still Predictive for Conversion to Multiple Sclerosis. International Journal of Molecular Sciences, 2017, 18, 2061.	1.8	23
130	Acute progressive neuropathy–myositis–myasthenia-like syndrome associated with immune-checkpoint inhibitor therapy in patients with metastatic melanoma. Melanoma Research, 2019, 29, 435-440.	0.6	23
131	CD19 as a molecular target in CNS autoimmunity. Acta Neuropathologica, 2014, 128, 177-190.	3.9	22
132	Mass-spectrometric profiling of cerebrospinal fluid reveals metabolite biomarkers for CNS involvement in varicella zoster virus reactivation. Journal of Neuroinflammation, 2018, 15, 20.	3.1	22
133	Fumaric Acids Directly Influence Gene Expression of Neuroprotective Factors in Rodent Microglia. International Journal of Molecular Sciences, 2019, 20, 325.	1.8	22
134	The 5-year Tysabri global observational program in safety (TYGRIS) study confirms the long-term safety profile of natalizumab treatment in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2020, 39, 101863.	0.9	22
135	The Effect of Stereotactic Injections on Demyelination and Remyelination: a Study in the Cuprizone Model. Journal of Molecular Neuroscience, 2017, 61, 479-488.	1.1	21
136	Cerebrospinal fluid features in adults with enteroviral nervous system infection. International Journal of Infectious Diseases, 2018, 68, 94-101.	1.5	21
137	Oligodendrocyte precursor cells express a functional chemokine receptor CCR3: Implications for myelination. Journal of Neuroimmunology, 2006, 178, 17-23.	1.1	20
138	Implications of COVID-19 Outbreak on Immune Therapies in Multiple Sclerosis Patients—Lessons Learned From SARS and MERS. Frontiers in Immunology, 2020, 11, 1059.	2.2	20
139	Mild COVID-19 symptoms despite treatment with teriflunomide and high-dose methylprednisolone due to multiple sclerosis relapse. Journal of Neurology, 2020, 267, 2803-2805.	1.8	20
140	Polyclonal IgM influence oligodendrocyte precursor cells in mixed glial cell cultures: implications for remyelination. Journal of Neuroimmunology, 2003, 138, 25-30.	1.1	19
141	Varicella zoster-associated retinal and central nervous system vasculitis in a patient with multiple sclerosis treated with natalizumab. Journal of Neuroinflammation, 2014, 11, 19.	3.1	19
142	Gain-of-function STAT1 mutations are associated with intracranial aneurysms. Clinical Immunology, 2017, 178, 79-85.	1.4	19
143	Allogeneic BK Virus-Specific T-Cell Treatment in 2 Patients With Progressive Multifocal Leukoencephalopathy. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, e1020.	3.1	19
144	Evidence of Oligoclonal Bands Does Not Exclude Non-Inflammatory Neurological Diseases. Diagnostics, 2021, 11, 37.	1.3	19

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145	Longâ€term impact of neonatal inflammation on demyelination and remyelination in the central nervous system. Glia, 2014, 62, 1659-1670.	2.5	18
146	Heterogeneity of clinical features and corresponding antibodies in seven patients with anti-NMDA receptor encephalitis. Experimental and Therapeutic Medicine, 2015, 10, 1283-1292.	0.8	18
147	Cytokine regulation by modulation of the NMDA receptor on astrocytes. Neuroscience Letters, 2016, 629, 227-233.	1.0	18
148	Intrathecal Antibody Production Against Epstein-Barr, Herpes Simplex, and Other Neurotropic Viruses in Autoimmune Encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	18
149	Comparison of Intravenous Immunoglobulin Preparations on Microglial Function In Vitro: More Potent Immunomodulatory Capacity of an IgM/IgA-Enriched Preparation. Clinical Neuropharmacology, 2002, 25, 254-259.	0.2	17
150	Remyelinating and neuroprotective treatments in multiple sclerosis. Expert Opinion on Investigational Drugs, 2004, 13, 331-347.	1.9	17
151	Varicella Zoster Virus Meningitis in a Young Immunocompetent Adult without Rash: A Misleading Clinical Presentation. Case Reports in Neurological Medicine, 2014, 2014, 1-4.	0.3	17
152	Applying the 2017 McDonald diagnostic criteria for multiple sclerosis. Lancet Neurology, The, 2018, 17, 498.	4.9	17
153	Mesenchymal Stem Cells Form 3D Clusters Following Intraventricular Transplantation. Journal of Molecular Neuroscience, 2018, 65, 60-73.	1.1	17
154	Immunity in Gilles de la Tourette-Syndrome: Results From a Cerebrospinal Fluid Study. Frontiers in Neurology, 2019, 10, 732.	1.1	17
155	Subcortical Volumes as Early Predictors of Fatigue in Multiple Sclerosis. Annals of Neurology, 2022, 91, 192-202.	2.8	17
156	Presentation and Prognosis of Bilateral Infarcts in the Territory of the Superior Cerebellar Artery. Cerebrovascular Diseases, 1999, 9, 328-333.	0.8	16
157	Limited role of regulatory T cells during acute Theiler virus-induced encephalitis in resistant C57BL/6 mice. Journal of Neuroinflammation, 2014, 11, 180.	3.1	16
158	Investigation of Oligoclonal IgG Bands in Tear Fluid of Multiple Sclerosis Patients. Frontiers in Immunology, 2019, 10, 1110.	2.2	16
159	HSV-1 triggers paracrine fibroblast growth factor response from cortical brain cells via immediate-early protein ICPO. Journal of Neuroinflammation, 2019, 16, 248.	3.1	16
160	Epidemiology, characteristics and treatment of patients with relapsing remitting multiple sclerosis and incidence of high disease activity: Real world evidence based on German claims data. PLoS ONE, 2020, 15, e0231846.	1.1	16
161	Quantification of polyreactive immunoglobulin G facilitates the diagnosis of autoimmune hepatitis. Hepatology, 2022, 75, 13-27.	3.6	16
162	Safety and efficacy of erythropoietin for the treatment of patients with optic neuritis (TONE): a randomised, double-blind, multicentre, placebo-controlled study. Lancet Neurology, The, 2021, 20, 991-1000.	4.9	16

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163	The fumaric acid ester BG-12: a new option in MS therapy. Expert Review of Neurotherapeutics, 2013, 13, 951-958.	1.4	15
164	A pivotal role of nonmuscle myosin II during microglial activation. Experimental Neurology, 2014, 261, 666-676.	2.0	15
165	Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. Genetic Epidemiology, 2015, 39, 601-608.	0.6	15
166	Design of TRUST, a non-interventional, multicenter, 3-year prospective study investigating an integrated patient management approach in patients with relapsing-remitting multiple sclerosis treated with natalizumab. BMC Neurology, 2016, 16, 98.	0.8	15
167	Impairment of frequency-specific responses associated with altered electrical activity patterns in auditory thalamus following focal and general demyelination. Experimental Neurology, 2018, 309, 54-66.	2.0	15
168	Placebo effect in chronic inflammatory demyelinating polyneuropathy: The <scp>PATH</scp> study and a systematic review. Journal of the Peripheral Nervous System, 2020, 25, 230-237.	1.4	15
169	CIDP associated with Sjögren's syndrome. Journal of Neurology, 2021, 268, 2908-2912.	1.8	15
170	Oxides and apoptosis in inflammatory myopathies. Microscopy Research and Technique, 2001, 55, 249-258.	1.2	14
171	Acute hemorrhagic leukoencephalitis (Weston-Hurst syndrome) in a patient with relapse-remitting multiple sclerosis. Journal of Neuroinflammation, 2015, 12, 175.	3.1	14
172	Treatment of patients with multifocal motor neuropathy with immunoglobulins in clinical practice: the SIGNS registry. Therapeutic Advances in Neurological Disorders, 2016, 9, 165-179.	1.5	14
173	Routine Cerebrospinal Fluid Cytology Reveals Unique Inclusions in Macrophages During Treatment With Nusinersen. Frontiers in Neurology, 2019, 10, 735.	1.1	14
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