

# Friedemann Paul

## List of Publications by Year in descending order

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565  
papers

30,303  
citations

5727

83  
h-index

9570

144  
g-index

607  
all docs

607  
docs citations

607  
times ranked

30259  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOG-IgG in NMO and related disorders: a multicenter study of 50 patients. Part 2: Epidemiology, clinical presentation, radiological and laboratory features, treatment responses, and long-term outcome. <i>Journal of Neuroinflammation</i> , 2016, 13, 280.	7.4	723
2	Contrasting disease patterns in seropositive and seronegative neuromyelitis optica: A multicentre study of 175 patients. <i>Journal of Neuroinflammation</i> , 2012, 9, 14.	7.4	614
3	MRI characteristics of neuromyelitis optica spectrum disorder. <i>Neurology</i> , 2015, 84, 1165-1173.	1.1	549
4	Update on the diagnosis and treatment of neuromyelitis optica: Recommendations of the Neuromyelitis Optica Study Group (NEMOS). <i>Journal of Neurology</i> , 2014, 261, 1-16.	3.8	502
5	Inebilizumab for the treatment of neuromyelitis optica spectrum disorder (N-MOMentum): a double-blind, randomised placebo-controlled phase 2/3 trial. <i>Lancet</i> , The, 2019, 394, 1352-1363.	12.1	477
6	A blood based 12-miRNA signature of Alzheimer disease patients. <i>Genome Biology</i> , 2013, 14, R78.	9.2	454
7	Retinal layer segmentation in multiple sclerosis: a systematic review and meta-analysis. <i>Lancet Neurology</i> , The, 2017, 16, 797-812.	10.4	434
8	Trophic network architecture of root-associated bacterial communities determines pathogen invasion and plant health. <i>Nature Communications</i> , 2015, 6, 8413.	13.2	415
9	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. <i>Cell Reports</i> , 2016, 15, 2136-2146.	6.3	392
10	Chitosan Coating Effect on Storability and Quality of Fresh Strawberries. <i>Journal of Food Science</i> , 1991, 56, 1618-1620.	3.2	379
11	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , 2019, 142, 1858-1875.	8.0	346
12	The APOSTEL recommendations for reporting quantitative optical coherence tomography studies. <i>Neurology</i> , 2016, 86, 2303-2309.	1.1	345
13	Neuromyelitis optica: Evaluation of 871 attacks and 1,153 treatment courses. <i>Annals of Neurology</i> , 2016, 79, 206-216.	5.8	337
14	Characteristics of Susac syndrome: a review of all reported cases. <i>Nature Reviews Neurology</i> , 2013, 9, 307-316.	10.0	308
15	Myelin-oligodendrocyte glycoprotein antibody-associated disease. <i>Lancet Neurology</i> , The, 2021, 20, 762-772.	10.4	305
16	Mechanisms of Disease: aquaporin-4 antibodies in neuromyelitis optica. <i>Nature Clinical Practice Neurology</i> , 2008, 4, 202-214.	1.4	296
17	Neuromyelitis optica: clinical features, immunopathogenesis and treatment. <i>Clinical and Experimental Immunology</i> , 2014, 176, 149-164.	2.7	286
18	Fatigue as a symptom or comorbidity of neurological diseases. <i>Nature Reviews Neurology</i> , 2017, 13, 662-675.	10.0	286

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19	Failure of Natalizumab to Prevent Relapses in Neuromyelitis Optica. Archives of Neurology, 2012, 69, 239.	4.5	279
20	Retinal thickness measured with optical coherence tomography and risk of disability worsening in multiple sclerosis: a cohort study. Lancet Neurology, The, 2016, 15, 574-584.	10.4	278
21	Highly Stretchable Polymer Composite with Strain-Enhanced Electromagnetic Interference Shielding Effectiveness. Advanced Materials, 2020, 32, e1907499.	24.3	273
22	MR-elastography reveals degradation of tissue integrity in multiple sclerosis. NeuroImage, 2010, 49, 2520-2525.	4.4	271
23	The investigation of acute optic neuritis: a review and proposed protocol. Nature Reviews Neurology, 2014, 10, 447-458.	10.0	255
24	No cerebrocervical venous congestion in patients with multiple sclerosis. Annals of Neurology, 2010, 68, 173-183.	5.8	244
25	Epidemiology of Neuromyelitis Optica Spectrum Disorder and Its Prevalence and Incidence Worldwide. Frontiers in Neurology, 2020, 11, 501.	2.5	242
26	Cross-reactive CD4 <sup>+</sup> T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. Science, 2021, 374, eabh1823.	20.9	241
27	Human cerebrospinal fluid monoclonal N-methyl-D-aspartate receptor autoantibodies are sufficient for encephalitis pathogenesis. Brain, 2016, 139, 2641-2652.	8.0	236
28	Evaluation of Cognitive Deficits and Structural Hippocampal Damage in Encephalitis With Leucine-Rich, Glioma-Inactivated 1 Antibodies. JAMA Neurology, 2017, 74, 50.	9.3	232
29	MOG-IgG in NMO and related disorders: a multicenter study of 50 patients. Part 4: Afferent visual system damage after optic neuritis in MOG-IgG-seropositive versus AQP4-IgG-seropositive patients. Journal of Neuroinflammation, 2016, 13, 282.	7.4	222
30	Neuromyelitis optica and multiple sclerosis: Seeing differences through optical coherence tomography. Multiple Sclerosis Journal, 2015, 21, 678-688.	3.3	213
31	Perivascular spaces–MRI marker of inflammatory activity in the brain?. Brain, 2008, 131, 2332-2340.	8.0	209
32	MOG-IgG in NMO and related disorders: a multicenter study of 50 patients. Part 3: Brainstem involvement - frequency, presentation and outcome. Journal of Neuroinflammation, 2016, 13, 281.	7.4	209
33	Brain Viscoelasticity Alteration in Chronic-Progressive Multiple Sclerosis. PLoS ONE, 2012, 7, e29888.	2.5	208
34	Diagnosis and Treatment of NMO Spectrum Disorder and MOG-Encephalomyelitis. Frontiers in Neurology, 2018, 9, 888.	2.5	199
35	Accuracy and Reliability of the Kinect Version 2 for Clinical Measurement of Motor Function. PLoS ONE, 2016, 11, e0166532.	2.5	197
36	Distinct lesion morphology at 7-T MRI differentiates neuromyelitis optica from multiple sclerosis. Neurology, 2012, 79, 708-714.	1.1	196

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37	Diagnostic criteria for Susac syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1287-1295.	6.0	196
38	Antibody to Aquaporin 4 in the Diagnosis of Neuromyelitis Optica. <i>PLoS Medicine</i> , 2007, 4, e133.	8.4	189
39	Apheresis therapies for NMOSD attacks. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e504.	6.8	187
40	Cerebrospinal fluid antibodies to aquaporin-4 in neuromyelitis optica and related disorders: frequency, origin, and diagnostic relevance. <i>Journal of Neuroinflammation</i> , 2010, 7, 52.	7.4	184
41	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003, 126, 669-684.	8.0	178
42	Functional and structural brain changes in anti-N-methyl-D-aspartate receptor encephalitis. <i>Annals of Neurology</i> , 2013, 74, 284-296.	5.8	174
43	Frequency and prognostic impact of antibodies to aquaporin-4 in patients with optic neuritis. <i>Journal of the Neurological Sciences</i> , 2010, 298, 158-162.	0.6	171
44	Optical Coherence Tomography Reveals Distinct Patterns of Retinal Damage in Neuromyelitis Optica and Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e66151.	2.5	166
45	The current role of MRI in differentiating multiple sclerosis from its imaging mimics. <i>Nature Reviews Neurology</i> , 2018, 14, 199-213.	10.0	165
46	Cancer therapy improvement with mesoporous silica nanoparticles combining targeting, drug delivery and PDT. <i>International Journal of Pharmaceutics</i> , 2012, 423, 509-515.	5.4	161
47	MOG antibody disease: A review of MOG antibody seropositive neuromyelitis optica spectrum disorder. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 25, 66-72.	2.1	160
48	The Influence of Physiological Aging and Atrophy on Brain Viscoelastic Properties in Humans. <i>PLoS ONE</i> , 2011, 6, e23451.	2.5	153
49	Lower motor neuron loss in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Annals of Neurology</i> , 2009, 66, 310-322.	5.8	152
50	Racial differences in neuromyelitis optica spectrum disorder. <i>Neurology</i> , 2018, 91, e2089-e2099.	1.1	148
51	Does time equal vision in the acute treatment of a cohort of AQP4 and MOG optic neuritis?. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e572.	6.8	147
52	Frequency and syndrome specificity of antibodies to aquaporin-4 in neurological patients with rheumatic disorders. <i>Multiple Sclerosis Journal</i> , 2011, 17, 1067-1073.	3.3	145
53	Retinal ganglion cell and inner plexiform layer thinning in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1887-1895.	3.3	143
54	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. <i>Science Advances</i> , 2016, 2, e1501678.	10.9	141

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55	Lesion morphology at 7 Tesla MRI differentiates Susac syndrome from multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1592-1599.	3.3	136
56	Evaluation of the Central Vein Sign as a Diagnostic Imaging Biomarker in Multiple Sclerosis. <i>JAMA Neurology</i> , 2019, 76, 1446.	9.3	136
57	Microstructural visual system changes in AQP4-antibody-“seropositive NMOSD. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2017, 4, e334.	6.8	130
58	Beneficial effects of autologous mesenchymal stem cell transplantation in active progressive multiple sclerosis. <i>Brain</i> , 2020, 143, 3574-3588.	8.0	130
59	Immunotherapies in neuromyelitis optica spectrum disorder: efficacy and predictors of response. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 639-647.	6.0	128
60	Structural Hippocampal Damage Following Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>Biological Psychiatry</i> , 2016, 79, 727-734.	1.3	127
61	APOSTEL 2.0 Recommendations for Reporting Quantitative Optical Coherence Tomography Studies. <i>Neurology</i> , 2021, 97, 68-79.	1.1	122
62	Comprehensive analysis of microRNA profiles in multiple sclerosis including next-generation sequencing. <i>Multiple Sclerosis Journal</i> , 2014, 20, 295-303.	3.3	118
63	Functional connectivity of large-scale brain networks in patients with anti-NMDA receptor encephalitis: an observational study. <i>Lancet Psychiatry</i> , 2017, 4, 768-774.	7.6	117
64	High prevalence of NMDA receptor IgA/IgM antibodies in different dementia types. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 822-832.	3.7	115
65	Retinal Damage in Multiple Sclerosis Disease Subtypes Measured by High-Resolution Optical Coherence Tomography. <i>Multiple Sclerosis International</i> , 2012, 2012, 1-10.	0.8	113
66	Optimal intereye difference thresholds by optical coherence tomography in multiple sclerosis: An international study. <i>Annals of Neurology</i> , 2019, 85, 618-629.	5.8	112
67	Oral High-Dose Atorvastatin Treatment in Relapsing-Remitting Multiple Sclerosis. <i>PLoS ONE</i> , 2008, 3, e1928.	2.5	110
68	Patterns of retinal nerve fiber layer loss in multiple sclerosis patients with or without optic neuritis and glaucoma patients. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 647-652.	1.4	109
69	Optic Neuritis Is Associated with Inner Nuclear Layer Thickening and Microcystic Macular Edema Independently of Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e71145.	2.5	105
70	Retinal ganglion cell loss in neuromyelitis optica: a longitudinal study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1259-1265.	6.0	105
71	Magnetic resonance elastography reveals altered brain viscoelasticity in experimental autoimmune encephalomyelitis. <i>NeuroImage: Clinical</i> , 2012, 1, 81-90.	2.8	103
72	Clinical, paraclinical and serological findings in Susac syndrome: an international multicenter study. <i>Journal of Neuroinflammation</i> , 2014, 11, 46.	7.4	103

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73	Sleep disorders in multiple sclerosis and their relationship to fatigue. <i>Sleep Medicine</i> , 2014, 15, 5-14.	2.3	103
74	Optic neuritis interferes with optical coherence tomography and magnetic resonance imaging correlations. <i>Multiple Sclerosis Journal</i> , 2013, 19, 443-450.	3.3	102
75	Uncovering convolutional neural network decisions for diagnosing multiple sclerosis on conventional MRI using layer-wise relevance propagation. <i>NeuroImage: Clinical</i> , 2019, 24, 102003.	2.8	100
76	Vitamin D in the prevention, prediction and treatment of neurodegenerative and neuroinflammatory diseases. <i>EPMA Journal</i> , 2017, 8, 313-325.	6.1	99
77	Severe structural and functional visual system damage leads to profound loss of vision-related quality of life in patients with neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 11, 45-50.	2.1	92
78	Cerebrospinal fluid findings in patients with myelin oligodendrocyte glycoprotein (MOG) antibodies. Part 1: Results from 163 lumbar punctures in 100 adult patients. <i>Journal of Neuroinflammation</i> , 2020, 17, 261.	7.4	92
79	Magnetic and dynamic mechanical properties of barium ferrite natural rubber composites. <i>Journal of Materials Processing Technology</i> , 2005, 160, 229-233.	6.4	91
80	Worldwide prevalence of neuromyelitis optica spectrum disorders. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 555-556.	6.0	90
81	Insufficient treatment of severe depression in neuromyelitis optica spectrum disorder. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2016, 3, e286.	6.8	89
82	Major hydrogeochemical processes in the two reservoirs of the Yangbajing geothermal field, Tibet, China. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 166, 255-268.	2.1	88
83	Serum Glial Fibrillary Acidic Protein: A Neuromyelitis Optica Spectrum Disorder Biomarker. <i>Annals of Neurology</i> , 2021, 89, 895-910.	5.8	87
84	Photoreceptor layer thinning in idiopathic Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 1163-1170.	4.3	85
85	Optic radiation damage in multiple sclerosis is associated with visual dysfunction and retinal thinning – an ultrahigh-field MR pilot study. <i>European Radiology</i> , 2015, 25, 122-131.	4.6	85
86	Safety and efficacy of epigallocatechin gallate in multiple system atrophy (PROMESA): a randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2019, 18, 724-735.	10.4	85
87	Tracking CNS and systemic sources of oxidative stress during the course of chronic neuroinflammation. <i>Acta Neuropathologica</i> , 2015, 130, 799-814.	7.9	83
88	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. <i>EBioMedicine</i> , 2020, 56, 102807.	6.0	82
89	Epigallocatechin-3-gallate: a useful, effective and safe clinical approach for targeted prevention and individualised treatment of neurological diseases?. <i>EPMA Journal</i> , 2013, 4, 5.	6.1	81
90	Sex differences in autoimmune disorders of the central nervous system. <i>Seminars in Immunopathology</i> , 2019, 41, 177-188.	6.4	81

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91	Efficacy of Vitamin D Supplementation in Multiple Sclerosis (EVIDIMS Trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 15.	1.7	80
92	Multicenter reliability of semiautomatic retinal layer segmentation using OCT. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e449.	6.8	79
93	Interleukin-6 Receptor Blockade in Treatment-Refractory MOG-IgG-Associated Disease and Neuromyelitis Optica Spectrum Disorders. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.8	79
94	Cerebral magnetic resonance elastography in supranuclear palsy and idiopathic Parkinson's disease. <i>NeuroImage: Clinical</i> , 2013, 3, 381-387.	2.8	78
95	Association of Retinal Ganglion Cell Layer Thickness With Future Disease Activity in Patients With Clinically Isolated Syndrome. <i>JAMA Neurology</i> , 2018, 75, 1071.	9.3	77
96	Multiple sclerosis-related fatigue: Altered resting-state functional connectivity of the ventral striatum and dorsolateral prefrontal cortex. <i>Multiple Sclerosis Journal</i> , 2019, 25, 554-564.	3.3	77
97	Metabolic Changes in the Visual Cortex Are Linked to Retinal Nerve Fiber Layer Thinning in Multiple Sclerosis. <i>PLoS ONE</i> , 2011, 6, e18019.	2.5	76
98	Reliability of Intra-Retinal Layer Thickness Estimates. <i>PLoS ONE</i> , 2015, 10, e0137316.	2.5	76
99	Optical coherence tomography in neuromyelitis optica spectrum disorders: potential advantages for individualized monitoring of progression and therapy. <i>EPMA Journal</i> , 2018, 9, 21-33.	6.1	76
100	Identifying Progression in Multiple Sclerosis: New Perspectives. <i>Annals of Neurology</i> , 2020, 88, 438-452.	5.8	75
101	Ocrelizumab Extended Interval Dosing in Multiple Sclerosis in Times of COVID-19. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.8	74
102	Complete Epstein-Barr virus seropositivity in a large cohort of patients with early multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 681-686.	6.0	71
103	Multiple Sclerosis Lesions and Irreversible Brain Tissue Damage. <i>Archives of Neurology</i> , 2012, 69, 739-45.	4.5	70
104	Optic Nerve Head Quantification in Idiopathic Intracranial Hypertension by Spectral Domain OCT. <i>PLoS ONE</i> , 2012, 7, e36965.	2.5	70
105	Impairment of contrast visual acuity as a functional correlate of retinal nerve fibre layer thinning and total macular volume reduction in multiple sclerosis. <i>British Journal of Ophthalmology</i> , 2012, 96, 62-67.	4.0	69
106	Patients with multiple sclerosis demonstrate reduced subbasal corneal nerve fibre density. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1847-1853.	3.3	68
107	T-cell homeostasis in pediatric multiple sclerosis. <i>Neurology</i> , 2013, 81, 784-792.	1.1	66
108	Evidence-based patient information programme in early multiple sclerosis: a randomised controlled trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 411-418.	6.0	66

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109	Metabolic response to epigallocatechin-3-gallate in relapsing-remitting multiple sclerosis: a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 487-495.	4.6	66
110	Placebo-controlled study in neuromyelitis optica – Ethical and design considerations. <i>Multiple Sclerosis Journal</i> , 2016, 22, 862-872.	3.3	66
111	Gadopentetate but not gadobutrol accumulates in the dentate nucleus of multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2017, 23, 963-972.	3.3	66
112	Iron and Non-Iron-Related Characteristics of Multiple Sclerosis and Neuromyelitis Optica Lesions at 7T MRI. <i>American Journal of Neuroradiology</i> , 2016, 37, 1223-1230.	2.7	65
113	Exercise in multiple sclerosis – an integral component of disease management. <i>EPMA Journal</i> , 2012, 3, 2.	6.1	64
114	Treatment of sleep disorders may improve fatigue in multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1826-1830.	1.4	64
115	Effects of Cold Rolling and Strain-Induced Martensite Formation in a SAF 2205 Duplex Stainless Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 577-586.	2.2	64
116	Multi-scale classification of disease using structural MRI and wavelet transform. <i>NeuroImage</i> , 2012, 62, 48-58.	4.4	63
117	Accuracy and repeatability of two methods of gait analysis – “GaitRite” and “Mobility Lab” in subjects with cerebellar ataxia. <i>Gait and Posture</i> , 2016, 48, 194-201.	1.6	62
118	Distinct functionality of neutrophils in multiple sclerosis and neuromyelitis optica. <i>Multiple Sclerosis Journal</i> , 2016, 22, 160-173.	3.3	62
119	High risk of postpartum relapses in neuromyelitis optica spectrum disorder. <i>Neurology</i> , 2017, 89, 2238-2244.	1.1	62
120	Influence of female sex and fertile age on neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1092-1103.	3.3	62
121	The Berlin Treatment Algorithm: recommendations for tailored innovative therapeutic strategies for multiple sclerosis-related fatigue. <i>EPMA Journal</i> , 2016, 7, 25.	6.1	61
122	Superficial white matter damage in anti-NMDA receptor encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 518-525.	6.0	61
123	Status of diagnostic approaches to AQP4-IgG seronegative NMO and NMO/MS overlap syndromes. <i>Journal of Neurology</i> , 2016, 263, 140-149.	3.8	60
124	Chi3l3 induces oligodendrogenesis in an experimental model of autoimmune neuroinflammation. <i>Nature Communications</i> , 2019, 10, 217.	13.2	60
125	Ketogenic diet and fasting diet as Nutritional Approaches in Multiple Sclerosis (NAMS): protocol of a randomized controlled study. <i>Trials</i> , 2020, 21, 3.	1.7	60
126	DeepWAS: Multivariate genotype-phenotype associations by directly integrating regulatory information using deep learning. <i>PLoS Computational Biology</i> , 2020, 16, e1007616.	3.1	60



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127	Encephalopathy, visual disturbance and hearing loss—recognizing the symptoms of Susac syndrome. <i>Nature Reviews Neurology</i> , 2009, 5, 683-688.	10.0	59
128	Expert recommendations to personalization of medical approaches in treatment of multiple sclerosis: an overview of family planning and pregnancy. <i>EPMA Journal</i> , 2012, 3, 9.	6.1	59
129	Use of Advanced Magnetic Resonance Imaging Techniques in Neuromyelitis Optica Spectrum Disorder. <i>JAMA Neurology</i> , 2015, 72, 815.	9.3	59
130	Temporal Retinal Nerve Fiber Loss in Patients with Spinocerebellar Ataxia Type 1. <i>PLoS ONE</i> , 2011, 6, e23024.	2.5	58
131	Optical coherence tomography for the diagnosis and monitoring of idiopathic intracranial hypertension. <i>Journal of Neurology</i> , 2017, 264, 1370-1380.	3.8	58
132	Transcriptomics and proteomics reveal a cooperation between interferon and T-helper 17 cells in neuromyelitis optica. <i>Nature Communications</i> , 2020, 11, 2856.	13.2	58
133	Organ transplantation from a donor colonized with a multidrug-resistant organism: a case report. <i>Transplant Infectious Disease</i> , 2012, 14, 296-299.	1.6	57
134	Disruption of the leptomeningeal blood barrier in neuromyelitis optica spectrum disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e343.	6.8	57
135	Safety and preliminary efficacy of deep transcranial magnetic stimulation in MS-related fatigue. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e423.	6.8	57
136	Sex differences in brain atrophy in multiple sclerosis. <i>Biology of Sex Differences</i> , 2020, 11, 49.	4.2	57
137	The chronically inflamed central nervous system provides niches for long-lived plasma cells. <i>Acta Neuropathologica Communications</i> , 2017, 5, 88.	5.4	56
138	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e446.	6.8	56
139	Low 25-hydroxyvitamin D, but not the bioavailable fraction of 25-hydroxyvitamin D, is a risk factor for multiple sclerosis. <i>European Journal of Neurology</i> , 2016, 23, 62-67.	3.6	55
140	Higher-resolution MR elastography reveals early mechanical signatures of neuroinflammation in patients with clinically isolated syndrome. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 51-58.	3.6	55
141	Efficacy of glatiramer acetate in neuromyelitis optica spectrum disorder: a multicenter retrospective study. <i>Journal of Neurology</i> , 2016, 263, 575-582.	3.8	55
142	Association of Intrathecal Immunoglobulin G Synthesis With Disability Worsening in Multiple Sclerosis. <i>JAMA Neurology</i> , 2019, 76, 841.	9.3	55
143	Periventricular venous density in multiple sclerosis is inversely associated with T2 lesion count: a 7 Tesla MRI study. <i>Multiple Sclerosis Journal</i> , 2013, 19, 316-325.	3.3	54
144	Cerebral blood perfusion changes in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2007, 259, 16-20.	0.6	53

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145	Breastfeeding is associated with lower risk for multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013, 19, 553-558.	3.3	53
146	Retinal pathology in Susac syndrome detected by spectral-domain optical coherence tomography. <i>Neurology</i> , 2015, 85, 610-618.	1.1	53
147	Serum peptide reactivities may distinguish neuromyelitis optica subgroups and multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e204.	6.8	53
148	Patterns of Retinal Damage Facilitate Differential Diagnosis between Susac Syndrome and MS. <i>PLoS ONE</i> , 2012, 7, e38741.	2.5	53
149	Is Metabolic Flexibility Altered in Multiple Sclerosis Patients?. <i>PLoS ONE</i> , 2012, 7, e43675.	2.5	52
150	The Transition From First-Line to Second-Line Therapy in Multiple Sclerosis. <i>Current Treatment Options in Neurology</i> , 2015, 17, 354.	1.9	52
151	Retinal Optical Coherence Tomography in Neuromyelitis Optica. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.8	52
152	What Went Wrong? the Flawed Concept of Cerebrospinal Venous Insufficiency. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 657-668.	4.6	51
153	Beyond the limbic system: disruption and functional compensation of large-scale brain networks in patients with anti-LGI1 encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1191-1199.	6.0	51
154	Spinal cord lesions and atrophy in NMOsD with AQP4-IgG and MOG-IgG associated autoimmunity. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1926-1936.	3.3	51
155	Altered fovea in AQP4-IgG seropositive neuromyelitis optica spectrum disorders. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.8	51
156	Haematological Adverse Effects of Histamine H2-Receptor Antagonists. <i>Medical Toxicology</i> , 1988, 3, 430-448.	1.4	50
157	No Evidence for XMRV in German CFS and MS Patients with Fatigue Despite the Ability of the Virus to Infect Human Blood Cells In Vitro. <i>PLoS ONE</i> , 2010, 5, e15632.	2.5	50
158	Dynamics of saccade parameters in multiple sclerosis patients with fatigue. <i>Journal of Neurology</i> , 2012, 259, 2656-2663.	3.8	50
159	Long-term disability in neuromyelitis optica spectrum disorder with a history of myelitis is associated with age at onset, delay in diagnosis/preventive treatment, MRI lesion length and presence of symptomatic brain lesions. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 28, 64-68.	2.1	50
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