

Tjalf Ziemssen

List of Publications by Year in descending order

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Version: 2024-02-01

355
papers

11,879
citations

31949

53
h-index

46771

89
g-index

416
all docs

416
docs citations

416
times ranked

12337
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying prodromal Parkinson's disease: Pre-Motor disorders in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 617-626.	2.2	443
2	Stroke-Induced Immunodepression. <i>Stroke</i> , 2007, 38, 770-773.	1.0	417
3	Association of Initial Disease-Modifying Therapy With Later Conversion to Secondary Progressive Multiple Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 175.	3.8	336
4	Effector T-cell trafficking between the leptomeninges and the cerebrospinal fluid. <i>Nature</i> , 2016, 530, 349-353.	13.7	305
5	Glatiramer acetate-specific T-helper 1- and 2-type cell lines produce BDNF: implications for multiple sclerosis therapy. <i>Brain</i> , 2002, 125, 2381-2391.	3.7	241
6	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</i> , The, 2018, 17, 405-415.	4.9	238
7	Safety and efficacy of opicinumab in acute optic neuritis (RENEW): a randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , The, 2017, 16, 189-199.	4.9	210
8	Siponimod for patients with relapsing-remitting multiple sclerosis (BOLD): an adaptive, dose-ranging, randomised, phase 2 study. <i>Lancet Neurology</i> , The, 2013, 12, 756-767.	4.9	205
9	Non-motor dysfunction in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2007, 13, 323-332.	1.1	171
10	The Activation Status of Neuroantigen-specific T Cells in the Target Organ Determines the Clinical Outcome of Autoimmune Encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2004, 199, 185-197.	4.2	163
11	Molecular biomarkers in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2019, 16, 272.	3.1	158
12	Impaired NK-mediated regulation of T-cell activity in multiple sclerosis is reconstituted by IL-2 receptor modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2973-82.	3.3	157
13	Optimizing treatment success in multiple sclerosis. <i>Journal of Neurology</i> , 2016, 263, 1053-1065.	1.8	155
14	The role of TH17 cells in multiple sclerosis: Therapeutic implications. <i>Autoimmunity Reviews</i> , 2020, 19, 102647.	2.5	144
15	A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. <i>Nature Immunology</i> , 2017, 18, 654-664.	7.0	139
16	Treatment effectiveness of alemtuzumab compared with natalizumab, fingolimod, and interferon beta in relapsing-remitting multiple sclerosis: a cohort study. <i>Lancet Neurology</i> , The, 2017, 16, 271-281.	4.9	134
17	Multiple sclerosis beyond EDSS: depression and fatigue. <i>Journal of the Neurological Sciences</i> , 2009, 277, S37-S41.	0.3	128
18	Glatiramer acetate: Mechanisms of action in multiple sclerosis. <i>Autoimmunity Reviews</i> , 2007, 6, 469-475.	2.5	123

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19	Cardiovascular autonomic dysfunction in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2010, 289, 74-80.	0.3	116
20	Digital Twins for Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 669811.	2.2	108
21	The Investigation of the Cardiovascular and Sudomotor Autonomic Nervous System – A Review. <i>Frontiers in Neurology</i> , 2019, 10, 53.	1.1	107
22	Employment status in multiple sclerosis: impact of disease-specific and non-disease-specific factors. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1792-1799.	1.4	104
23	The norepinephrine system shows information-content specific properties during cognitive control – Evidence from EEG and pupillary responses. <i>NeuroImage</i> , 2017, 149, 44-52.	2.1	104
24	Placebo-controlled trial of oral laquinimod in multiple sclerosis: MRI evidence of an effect on brain tissue damage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 851-858.	0.9	101
25	Spectral Analysis of Heart Rate Variability: Time Window Matters. <i>Frontiers in Neurology</i> , 2019, 10, 545.	1.1	99
26	Clinical outcome measures in multiple sclerosis: A review. <i>Autoimmunity Reviews</i> , 2020, 19, 102512.	2.5	98
27	Loss of nocturnal blood pressure fall in various extrapyramidal syndromes. <i>Movement Disorders</i> , 2009, 24, 2136-2142.	2.2	95
28	Review: Patient-reported outcomes in multiple sclerosis care. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 33, 61-66.	0.9	94
29	Safety and Efficacy of Siponimod (BAF312) in Patients With Relapsing-Remitting Multiple Sclerosis. <i>JAMA Neurology</i> , 2016, 73, 1089.	4.5	92
30	Profiling individual clinical responses by high-frequency serum neurofilament assessment in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e555.	3.1	87
31	A focus on secondary progressive multiple sclerosis (SPMS): challenges in diagnosis and definition. <i>Journal of Neurology</i> , 2021, 268, 1210-1221.	1.8	87
32	Glatiramer Acetate: Mechanisms of Action in Multiple Sclerosis. <i>International Review of Neurobiology</i> , 2007, 79, 537-570.	0.9	86
33	Multiple Sclerosis Therapy Consensus Group (MSTCC): position statement on disease-modifying therapies for multiple sclerosis (white paper). <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642110396.	1.5	86
34	Alemtuzumab in the long-term treatment of relapsing-remitting multiple sclerosis: an update on the clinical trial evidence and data from the real world. <i>Therapeutic Advances in Neurological Disorders</i> , 2017, 10, 343-359.	1.5	85
35	Demands on response inhibition processes determine modulations of theta band activity in superior frontal areas and correlations with pupillometry – Implications for the norepinephrine system during inhibitory control. <i>NeuroImage</i> , 2017, 157, 575-585.	2.1	85
36	Optimizing therapy early in multiple sclerosis: An evidence-based view. <i>Multiple Sclerosis and Related Disorders</i> , 2015, 4, 460-469.	0.9	83

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37	The importance of collecting structured clinical information on multiple sclerosis. <i>BMC Medicine</i> , 2016, 14, 81.	2.3	83
38	The role of the humoral immune system in multiple sclerosis (MS) and its animal model experimental autoimmune encephalomyelitis (EAE). <i>Autoimmunity Reviews</i> , 2005, 4, 460-467.	2.5	81
39	Therapeutic Decisions in Multiple Sclerosis. <i>JAMA Neurology</i> , 2013, 70, 1315-24.	4.5	80
40	Dirximel Fumarate Demonstrates an Improved Gastrointestinal Tolerability Profile Compared with Dimethyl Fumarate in Patients with Relapsing-Remitting Multiple Sclerosis: Results from the Randomized, Double-Blind, Phase III EVOLVE-MS-2 Study. <i>CNS Drugs</i> , 2020, 34, 185-196.	2.7	80
41	Multiple sclerosis: clinical profiling and data collection as prerequisite for personalized medicine approach. <i>BMC Neurology</i> , 2016, 16, 124.	0.8	79
42	Use and Acceptance of Electronic Communication by Patients With Multiple Sclerosis: A Multicenter Questionnaire Study. <i>Journal of Medical Internet Research</i> , 2012, 14, e135.	2.1	75
43	Psychoneuroimmunology – Cross-talk between the immune and nervous systems. <i>Journal of Neurology</i> , 2007, 254, II8-II11.	1.8	71
44	Perceptions on the value of bodily functions in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 356-362.	1.0	71
45	Acute effects of alemtuzumab infusion in patients with active relapsing-remitting MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2016, 3, e228.	3.1	68
46	Developmental endothelial locus-1 is a homeostatic factor in the central nervous system limiting neuroinflammation and demyelination. <i>Molecular Psychiatry</i> , 2015, 20, 880-888.	4.1	65
47	Risk-Benefit Assessment of Glatiramer Acetate in Multiple Sclerosis. <i>Drug Safety</i> , 2001, 24, 979-990.	1.4	64
48	Engrafting human regulatory T cells with a flexible modular chimeric antigen receptor technology. <i>Journal of Autoimmunity</i> , 2018, 90, 116-131.	3.0	64
49	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.	0.9	63
50	The norepinephrine system affects specific neurophysiological subprocesses in the modulation of inhibitory control by working memory demands. <i>Human Brain Mapping</i> , 2017, 38, 68-81.	1.9	61
51	Therapy satisfaction and adherence in patients with relapsing-remitting multiple sclerosis: the THEPA-MS survey. <i>Therapeutic Advances in Neurological Disorders</i> , 2016, 9, 250-263.	1.5	60
52	Effects of glatiramer acetate on fatigue and days of absence from work in first-time treated relapsing-remitting multiple sclerosis. <i>Health and Quality of Life Outcomes</i> , 2008, 6, 67.	1.0	59
53	Peripheral proinflammatory Th1/Th17 immune cell shift is linked to disease severity in amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020, 10, 5941.	1.6	59
54	Secretion of brain-derived neurotrophic factor by glatiramer acetate-reactive T-helper cell lines: Implications for multiple sclerosis therapy. <i>Journal of the Neurological Sciences</i> , 2005, 233, 109-112.	0.3	58

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55	Influence of ECG Sampling Frequency on Spectral Analysis of RR Intervals and Baroreflex Sensitivity Using the EUROBAVAR Data set. <i>Journal of Clinical Monitoring and Computing</i> , 2008, 22, 159-168.	0.7	57
56	Symptom management in patients with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2011, 311, S48-S52.	0.3	56
57	International consensus on quality standards for brain health-focused care in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1809-1818.	1.4	55
58	Neurological disability, psychological distress, and health-related quality of life in MS patients within the first three years after diagnosis. <i>Multiple Sclerosis Journal</i> , 2009, 15, 752-758.	1.4	54
59	The PANGAEA study design – a prospective, multicenter, non-interventional, long-term study on fingolimod for the treatment of multiple sclerosis in daily practice. <i>BMC Neurology</i> , 2015, 15, 93.	0.8	54
60	Fingolimod additionally acts as immunomodulator focused on the innate immune system beyond its prominent effects on lymphocyte recirculation. <i>Journal of Neuroinflammation</i> , 2017, 14, 41.	3.1	54
61	CD49d blockade by natalizumab in patients with multiple sclerosis affects steady-state hematopoiesis and mobilizes progenitors with a distinct phenotype and function. <i>Bone Marrow Transplantation</i> , 2010, 45, 1489-1496.	1.3	52
62	Harnessing Real-World Data to Inform Decision-Making: Multiple Sclerosis Partners Advancing Technology and Health Solutions (MS PATHS). <i>Frontiers in Neurology</i> , 2020, 11, 632.	1.1	52
63	Multiple sclerosis in the real world: A systematic review of fingolimod as a case study. <i>Autoimmunity Reviews</i> , 2017, 16, 355-376.	2.5	50
64	Natalizumab during pregnancy and lactation. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1627-1634.	1.4	48
65	Multiple sclerosis registries in Europe – An updated mapping survey. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 171-178.	0.9	47
66	Autoimmune CD4+ T Cell Memory: Lifelong Persistence of Encephalitogenic T Cell Clones in Healthy Immune Repertoires. <i>Journal of Immunology</i> , 2005, 175, 69-81.	0.4	46
67	Multiple sclerosis documentation system (MSDS): moving from documentation to management of MS patients. <i>Journal of Neural Transmission</i> , 2013, 120, 61-66.	1.4	46
68	Fingolimod hydrochloride for the treatment of relapsing remitting multiple sclerosis. <i>Expert Opinion on Pharmacotherapy</i> , 2017, 18, 1649-1660.	0.9	44
69	Designing an Electronic Patient Management System for Multiple Sclerosis: Building a Next Generation Multiple Sclerosis Documentation System. <i>Interactive Journal of Medical Research</i> , 2016, 5, e2.	0.6	44
70	Baroreflex sensitivity and power spectral analysis in different extrapyramidal syndromes. <i>Journal of Neural Transmission</i> , 2008, 115, 1527-1536.	1.4	43
71	Comprehensive autonomic assessment does not differentiate between Parkinson's disease, multiple system atrophy and progressive supranuclear palsy. <i>Journal of Neural Transmission</i> , 2010, 117, 69-76.	1.4	43
72	Static posturography in aging and Parkinson's disease. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 20.	1.7	43

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73	Time- and frequency-domain parameters of heart rate variability and sympathetic skin response in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2015, 122, 419-425.	1.4	43
74	The norepinephrine system and its relevance for multi-component behavior. <i>NeuroImage</i> , 2017, 146, 1062-1070.	2.1	43
75	Diroximel fumarate (DRF) in patients with relapsing-remitting multiple sclerosis: Interim safety and efficacy results from the phase 3 EVOLVE-MS-1 study. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1729-1739.	1.4	41
76	Multiple sclerosis and the autonomic nervous system. <i>Journal of Neurology</i> , 2006, 253, i21-i25.	1.8	40
77	Valsalva manoeuvre in patients with different Parkinsonian disorders. <i>Journal of Neural Transmission</i> , 2009, 116, 875-880.	1.4	40
78	Considerations on discontinuing natalizumab for the treatment of multiple sclerosis. <i>Annals of Neurology</i> , 2010, 68, 409-411.	2.8	40
79	Facilitated defensive coping, silent ischaemia and ECG left-ventricular hypertrophy. <i>Journal of Hypertension</i> , 2012, 30, 543-550.	0.3	40
80	The sensory channel of presentation alters subjective ratings and autonomic responses toward disgusting stimuli—Blood pressure, heart rate and skin conductance in response to visual, auditory, haptic and olfactory presented disgusting stimuli. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 510.	1.0	40
81	Long-term peripheral immune cell profiling reveals further targets of oral cladribine in MS. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2199-2212.	1.7	40
82	A Physician-Completed Digital Tool for Evaluating Disease Progression (Multiple Sclerosis) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td</i>	2.1	40
83	Circadian cortisol, depressive symptoms and neurological impairment in early multiple sclerosis. <i>Psychoneuroendocrinology</i> , 2011, 36, 1505-1512.	1.3	39
84	New insights into the pharmacokinetics and pharmacodynamics of natalizumab treatment for patients with multiple sclerosis, obtained from clinical and in vitro studies. <i>Journal of Neuroinflammation</i> , 2016, 13, 164.	3.1	39
85	Retinal vessel analysis in hypercholesterolemic patients before and after LDL apheresis. <i>Atherosclerosis Supplements</i> , 2009, 10, 39-43.	1.2	38
86	Cortisol Awakening Response Is Linked to Disease Course and Progression in Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e60647.	1.1	38
87	Assessment of Opicinumab in Acute Optic Neuritis Using Multifocal Visual Evoked Potential. <i>CNS Drugs</i> , 2018, 32, 1159-1171.	2.7	38
88	Digital Biomarkers in Multiple Sclerosis. <i>Brain Sciences</i> , 2021, 11, 1519.	1.1	38
89	Efficacy and Safety of Alemtuzumab Through 9 Years of Follow-up in Patients with Highly Active Disease: Post Hoc Analysis of CARE-MS I and II Patients in the TOPAZ Extension Study. <i>CNS Drugs</i> , 2020, 34, 973-988.	2.7	37
90	Adult polyglucosan body disease. <i>Neurology</i> , 2003, 61, 263-265.	1.5	36

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91	Baroreflex sensitivity and power spectral analysis during autonomic testing in different extrapyramidal syndromes. <i>Movement Disorders</i> , 2010, 25, 315-324.	2.2	36
92	Defensive coping facilitates higher blood pressure and early sub-clinical structural vascular disease via alterations in heart rate variability: The SABPA study. <i>Atherosclerosis</i> , 2013, 227, 391-397.	0.4	36
93	Immune thrombocytopenia in alemtuzumab-treated MS patients: Incidence, detection, and management. <i>Multiple Sclerosis Journal</i> , 2020, 26, 48-56.	1.4	36
94	Autoantibodies against central nervous system antigens in a subset of B cellâ€‘dominant multiple sclerosis patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21512-21518.	3.3	36
95	A New Line Immunoassay for the Multiparametric Detection of Antiganglioside Autoantibodies in Patients with Autoimmune Peripheral Neuropathies. <i>Annals of the New York Academy of Sciences</i> , 2007, 1109, 256-264.	1.8	35
96	Anodal tDCS affects neuromodulatory effects of the norepinephrine system on superior frontal theta activity during response inhibition. <i>Brain Structure and Function</i> , 2019, 224, 1291-1300.	1.2	35
97	The Effects of Venlafaxine on Autonomic Functions in Healthy Volunteers. <i>Journal of Clinical Psychopharmacology</i> , 2007, 27, 687-691.	0.7	34
98	Autonomic dysfunction in different subtypes of multiple system atrophy. <i>Movement Disorders</i> , 2008, 23, 1766-1772.	2.2	34
99	Review: Brainâ€‘immune communication psychoneuroimmunology of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008, 14, 6-21.	1.4	34
100	Effect of BEMER Magnetic Field Therapy on the Level of Fatigue in Patients with Multiple Sclerosis: A Randomized, Double-Blind Controlled Trial. <i>Journal of Alternative and Complementary Medicine</i> , 2009, 15, 507-511.	2.1	34
101	A 2-year observational study of patients with relapsing-remitting multiple sclerosis converting to glatiramer acetate from other disease-modifying therapies: the COPTIMIZE trial. <i>Journal of Neurology</i> , 2014, 261, 2101-2111.	1.8	34
102	Differentiating societal costs of disability worsening in multiple sclerosis. <i>Journal of Neurology</i> , 2020, 267, 1035-1042.	1.8	34
103	The role of phasic norepinephrine modulations during task switching: evidence for specific effects in parietal areas. <i>Brain Structure and Function</i> , 2018, 223, 925-940.	1.2	33
104	Sudomotor Testing of Diabetes Polyneuropathy. <i>Frontiers in Neurology</i> , 2018, 9, 803.	1.1	33
105	Improving multiple sclerosis management and collecting safety information in the real world: the MSDS3D software approach. <i>Expert Opinion on Drug Safety</i> , 2018, 17, 369-378.	1.0	32
106	Autonomic dysfunction in patients with progressive supranuclear palsy. <i>Movement Disorders</i> , 2008, 23, 2083-2089.	2.2	31
107	Assessment of Clinically Meaningful Improvements in Self-Reported Walking Ability in Participants with Multiple Sclerosis: Results from the Randomized, Double-Blind, Phase III ENHANCE Trial of Prolonged-Release Fampridine. <i>CNS Drugs</i> , 2019, 33, 61-79.	2.7	31
108	Study design of PANGAEA 2.0, a non-interventional study on RRMS patients to be switched to fingolimod. <i>BMC Neurology</i> , 2016, 16, 129.	0.8	30

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109	Real-World Lab Data in Natalizumab Treated Multiple Sclerosis Patients Up to 6 Years Long-Term Follow Up. <i>Frontiers in Neurology</i> , 2018, 9, 1071.	1.1	30
110	Real World Lab Data: Patterns of Lymphocyte Counts in Fingolimod Treated Patients. <i>Frontiers in Immunology</i> , 2018, 9, 2669.	2.2	30
111	On the interrelation of $1/f$ neural noise and norepinephrine system activity during motor response inhibition. <i>Journal of Neurophysiology</i> , 2019, 121, 1633-1643.	0.9	30
112	Efficacy and safety of alemtuzumab over 6 years: final results of the 4-year CARE-MS extension trial. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642098213.	1.5	30
113	Serum neurofilament light chain in pediatric spinal muscular atrophy patients and healthy children. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2013-2024.	1.7	30
114	A mixed methods approach towards understanding key disease characteristics associated with the progression from RRMS to SPMS: Physicians' and patients' views. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 38, 101861.	0.9	29
115	Electronic Health Interventions in the Case of Multiple Sclerosis: From Theory to Practice. <i>Brain Sciences</i> , 2021, 11, 180.	1.1	29
116	Modern communication technology skills of patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1240-1241.	1.4	28
117	Accumulation and therapeutic modulation of 6-sulfo LacNAc α dendritic cells in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e33.	3.1	28
118	Patient Satisfaction with the New Interferon Beta-1b Autoinjector (BETACONNECT [®]). <i>Neurology and Therapy</i> , 2015, 4, 125-136.	1.4	27
119	Real-world persistence and benefit-risk profile of fingolimod over 36 months in Germany. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e548.	3.1	27
120	Seizures Associated with Zoledronic Acid for Osteoporosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1955-1959.	1.8	26
121	Rationale, design, and methods of a non-interventional study to establish safety, effectiveness, quality of life, cognition, health-related and work capacity data on Alemtuzumab in multiple sclerosis patients in Germany (TREAT-MS). <i>BMC Neurology</i> , 2016, 16, 109.	0.8	26
122	Hands on Alemtuzumab-experience from clinical practice: whom and how to treat. <i>Multiple Sclerosis and Demyelinating Disorders</i> , 2016, 1, .	1.1	26
123	Fear of falling and falls in people with multiple sclerosis: A literature review. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 47, 102609.	0.9	26
124	Regulation of proteins mediating neurodegeneration in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1273-1287.	0.8	25
125	Greater cardiovascular reactivity to a cold stimulus is due to higher cold pain perception in black Africans. <i>Journal of Hypertension</i> , 2012, 30, 2416-2424.	0.3	25
126	Seasonal variation in plasma free normetanephrine concentrations: implications for biochemical diagnosis of pheochromocytoma. <i>European Journal of Endocrinology</i> , 2014, 170, 349-357.	1.9	25

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127	Patients' preferences for involvement in the decision-making process for treating diabetic retinopathy. <i>BMC Ophthalmology</i> , 2017, 17, 139.	0.6	25
128	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. <i>NeuroImage</i> , 2019, 185, 129-139.	2.1	25
129	Autonomic Function and Cerebral Autoregulation in Patients Undergoing Carotid Endarterectomy. <i>Circulation Journal</i> , 2010, 74, 2139-2145.	0.7	24
130	Long-term safety and tolerability of glatiramer acetate 20 mg in the treatment of relapsing forms of multiple sclerosis. <i>Expert Opinion on Drug Safety</i> , 2017, 16, 247-255.	1.0	24
131	Pupil diameter in darkness differentiates progressive supranuclear palsy (PSP) from other extrapyramidal syndromes. <i>Movement Disorders</i> , 2007, 22, 2123-2126.	2.2	23
132	Functional Energetics of CD4+ Cellular Immunity in Monoclonal Antibody-Associated Progressive Multifocal Leukoencephalopathy in Autoimmune Disorders. <i>PLoS ONE</i> , 2011, 6, e18506.	1.1	23
133	Trigonometric regressive spectral analysis: an innovative tool for evaluating the autonomic nervous system. <i>Journal of Neural Transmission</i> , 2013, 120, 27-33.	1.4	23
134	Electrocardiographic assessments and cardiac events after fingolimod first dose – a comprehensive monitoring study. <i>BMC Neurology</i> , 2017, 17, 11.	0.8	23
135	Impedimetric Microfluidic Sensor – Tube for Label-Free Immune Cell Analysis. <i>Small</i> , 2021, 17, e2002549.5.2		23
136	The Multiple Sclerosis Health Resource Utilization Survey (MS-HRS): Development and Validation Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17921.	2.1	23
137	Intensified monitoring of circadian blood pressure and heart rate before and after intravitreal injection of bevacizumab: preliminary findings of a pilot study. <i>International Ophthalmology</i> , 2009, 29, 213-224.	0.6	22
138	Review: Treatment of dysautonomia in extrapyramidal disorders. <i>Therapeutic Advances in Neurological Disorders</i> , 2010, 3, 53-67.	1.5	22
139	Treatment optimization in multiple sclerosis: how do we apply emerging evidence?. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 509-511.	1.3	22
140	A Digital Patient Portal for Patients With Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 400.	1.1	22
141	Graves' disease after treatment with Alemtuzumab for multiple sclerosis. <i>Hormones</i> , 2002, 14, 148-53.	0.9	21
142	QualiCOP: real-world effectiveness, tolerability, and quality of life in patients with relapsing-remitting multiple sclerosis treated with glatiramer acetate, treatment-naïve patients, and previously treated patients. <i>Journal of Neurology</i> , 2016, 263, 784-791.	1.8	21
143	Adrenal medullary dysfunction as a feature of obesity. <i>International Journal of Obesity</i> , 2017, 41, 714-721.	1.6	21
144	Determination of Baroreflex Sensitivity during the Modified Oxford Maneuver by Trigonometric Regressive Spectral Analysis. <i>PLoS ONE</i> , 2011, 6, e18061.	1.1	20

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145	Baroreceptor sensitivity, cardiovascular responses and ECG left ventricular hypertrophy in men: The SABPA study. <i>Blood Pressure</i> , 2011, 20, 355-361.	0.7	20
146	Recognition and treatment of autonomic disturbances in Parkinson's disease. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1189-1203.	1.4	20
147	Exploring individual multiple sclerosis lesion volume change over time: Development of an algorithm for the analyses of longitudinal quantitative MRI measures. <i>NeuroImage: Clinical</i> , 2019, 21, 101623.	1.4	20
148	Data Collection in Multiple Sclerosis: The MSDS Approach. <i>Frontiers in Neurology</i> , 2020, 11, 445.	1.1	20
149	Design of a non-interventional post-marketing study to assess the long-term safety and effectiveness of ocrelizumab in German real world multiple sclerosis cohorts – the CONFIDENCE study protocol. <i>BMC Neurology</i> , 2020, 20, 95.	0.8	20
150	Event-Driven Immunoprofiling Predicts Return of Disease Activity in Alemtuzumab-Treated Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 56.	2.2	20
151	Differential longitudinal changes of neuronal and glial damage markers in anorexia nervosa after partial weight restoration. <i>Translational Psychiatry</i> , 2021, 11, 86.	2.4	20
152	Trigonometric Regressive Spectral Analysis Reliably Maps Dynamic Changes in Baroreflex Sensitivity and Autonomic Tone: The Effect of Gender and Age. <i>PLoS ONE</i> , 2010, 5, e12187.	1.1	19
153	Improving patient–physician dialog: commentary on the results of the MS Choices survey. <i>Patient Preference and Adherence</i> , 2012, 6, 143.	0.8	19
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