Frauke Zipp

List of Publications by Year
in descending order

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316	26,870	9786	7518
papers	citations	73	151
		h-index	g-index

340	340	340	31456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Dietary Intervention on Serum Neurofilament Light Chain in Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	18
2	Subcortical Volumes as Early Predictors of Fatigue in Multiple Sclerosis. Annals of Neurology, 2022, 91, 192-202.	5.3	17
3	Inhibition of the enzyme autotaxin reduces cortical excitability and ameliorates the outcome in stroke. Science Translational Medicine, 2022, 14, eabk0135.	12.4	17
4	Preventing disease progression in multiple sclerosisâ€"insights from large real-world cohorts. Genome Medicine, 2022, 14, 41.	8.2	2
5	Interleukin-4 receptor signaling modulates neuronal network activity. Journal of Experimental Medicine, 2022, 219, .	8.5	11
6	Detecting ongoing disease activity in mildly affected multiple sclerosis patients under first-line therapies. Multiple Sclerosis and Related Disorders, 2022, 63, 103927.	2.0	10
7	Network alterations underlying anxiety symptoms in early multiple sclerosis. Journal of Neuroinflammation, 2022, 19, .	7.2	4
8	Progression in multiple sclerosis â€“ a long-term problem. Current Opinion in Neurology, 2022, 35, 293-298.	3.6	4
9	T cellâ€“neuron interaction in inflammatory and progressive multiple sclerosis biology. Current Opinion in Neurobiology, 2022, 75, 102588.	4.2	7
10	Improved prediction of early cognitive impairment in multiple sclerosis combining blood and imaging biomarkers. Brain Communications, 2022, 4, .	3.3	16
11	Increased frequency of proinflammatory CD4 T cells and pathological levels of serum neurofilament light chain in adult drugâ€resistant epilepsy. Epilepsia, 2021, 62, 176-189.	5.1	23
12	Implications of extreme serum neurofilament light chain levels for the management of patients with relapsing multiple sclerosis. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110019.	3.5	2
13	Multiple Sclerosis Therapy Consensus Group (MSTCG): position statement on disease-modifying therapies for multiple sclerosis (white paper). Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110396.	3.5	86
14	Serum neurofilament levels reflect outer retinal layer changes in multiple sclerosis. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110034.	3.5	5
15	Epigallocatechin Gallate in Relapsing-Remitting Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	16
16	The neuroinflammation collection: a vision for expanding neuro-immune crosstalk in Brain. Brain, 2021, 144, e59-e59.	7.6	6
17	Encephalitis with Autoantibodies against the Glutamate Kainate Receptors <scp>GluK2</scp>. Annals of Neurology, 2021, 90, 101-117.	5.3	26
18	The potential of serum neurofilament as biomarker for multiple sclerosis. Brain, 2021, 144, 2954-2963.	7.6	98

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19	Targeting Immune Modulators in Glioma While Avoiding Autoimmune Conditions. Cancers, 2021, 13, 3524.	3.7	4
20	Ocrelizumab Extended Interval Dosing in Multiple Sclerosis in Times of COVID-19. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	65
21	Multiple sclerosis therapy consensus group (MSTCG): answers to the discussion questions. Neurological Research and Practice, 2021, 3, 44.	2.0	9
22	Pro-inflammatory T helper 17 directly harms oligodendrocytes in neuroinflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
23	NfL predicts relapse-free progression in a longitudinal multiple sclerosis cohort study. EBioMedicine, 2021, 72, 103590.	6.1	24
24	Dimethyl fumarate treatment restrains the antioxidative capacity of T cells to control autoimmunity. Brain, 2021, 144, 3126-3141.	7.6	14
25	Treatment approaches to patients with multiple sclerosis and coexisting autoimmune disorders. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110355.	3.5	20
26	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, .	7.1	38
27	A lymphocyte-glia connection sets the pace for smoldering inflammation. Cell, 2021, 184, 5696-5698.	28.9	4
28	Genetic determinants of the humoral immune response in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e827.	6.0	7
29	The frequency of follicular T helper cells differs in acute and chronic neuroinflammation. Scientific Reports, 2020, 10, 20485.	3.3	4
30	Functional characteristics of Th1, Th17, and ex-Th17 cells in EAE revealed by intravital two-photon microscopy. Journal of Neuroinflammation, 2020, 17, 357.	7.2	30
31	CNS-localized myeloid cells capture living invading T cells during neuroinflammation. Journal of Experimental Medicine, 2020, 217, .	8.5	18
32	Supplementary medication in multiple sclerosis: Real-world experience and potential interference with neurofilament light chain measurement. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2020, 6, 205521732093631.	1.0	5
33	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. EBioMedicine, 2020, 56, 102807.	6.1	67
34	Is APOE Îµ4 associated with cognitive performance in early MS?. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e728.	6.0	11
35	Growth-Promoting Treatment Screening for Corticospinal Neurons in Mouse and Man. Cellular and Molecular Neurobiology, 2020, 40, 1327-1338.	3.3	3
36	Covarying patterns of white matter lesions and cortical atrophy predict progression in early MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	18

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37	The Rare IL22RA2 Signal Peptide Coding Variant rs28385692 Decreases Secretion of IL-22BP Isoform-1, -2 and -3 and Is Associated with Risk for Multiple Sclerosis. Cells, 2020, 9, 175.	4.1	1
38	Continuous reorganization of cortical information flow in multiple sclerosis: A longitudinal fMRI effective connectivity study. Scientific Reports, 2020, 10, 806.	3.3	17
39	Association of intrathecal pleocytosis and IgG synthesis with axonal damage in early MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e679.	6.0	19
40	Ocrelizumab initiation in patients with MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	26
41	Transient enlargement of brain ventricles during relapsing-remitting multiple sclerosis and experimental autoimmune encephalomyelitis. JCI Insight, 2020, 5, .	5.0	13
42	Î²1-Integrinâ€“ and KV1.3 channelâ€“dependent signaling stimulates glutamate release from Th17 cells. Journal of Clinical Investigation, 2020, 130, 715-732.	8.2	32
43	Imaging in mice and men: Pathophysiological insights into multiple sclerosis from conventional and advanced MRI techniques. Progress in Neurobiology, 2019, 182, 101663.	5.7	21
44	NfL (Neurofilament Light Chain) Levels as a Predictive Marker for Long-Term Outcome After Ischemic Stroke. Stroke, 2019, 50, 3077-3084.	2.0	92
45	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. Science, 2019, 365, .	12.6	710
46	Evidence for a white matter lesion size threshold to support the diagnosis of relapsing remitting multiple sclerosis. Multiple Sclerosis and Related Disorders, 2019, 29, 124-129.	2.0	6
47	Longitudinal cortical network reorganization in early relapsingâ€“remitting multiple sclerosis. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641983867.	3.5	26
48	Automated segmentation of changes in FLAIR-hyperintense white matter lesions in multiple sclerosis on serial magnetic resonance imaging. NeuroImage: Clinical, 2019, 23, 101849.	2.7	60
49	Implementing the 2017 McDonald criteria for the diagnosis of multiple sclerosis. Nature Reviews Neurology, 2019, 15, 441-445.	10.1	18
50	Neuronal ICAM-5 Plays a Neuroprotective Role in Progressive Neurodegeneration. Frontiers in Neurology, 2019, 10, 205.	2.4	8
51	Immunoneuropsychiatry â€” novel perspectives on brain disorders. Nature Reviews Neurology, 2019, 15, 317-328.	10.1	293
52	Intrathecal B-cell accumulation and axonal damage distinguish MRI-based benign from aggressive onset in MS. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e595.	6.0	15
53	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. Nature Communications, 2019, 10, 5722.	12.8	68
54	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.	3.6	24

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55	Increased cerebrospinal fluid albumin and immunoglobulin A fractions forecast cortical atrophy and longitudinal functional deterioration in relapsing-remitting multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 338-343.	3.0	15
56	Graph Theoretical Framework of Brain Networks in Multiple Sclerosis: A Review of Concepts. Neuroscience, 2019, 403, 35-53.	2.3	117
57	Association of smoking but not HLA-DRB1*15:01, APOE or body mass index with brain atrophy in early multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 661-668.	3.0	12
58	Serum neurofilament light chain is a biomarker of acute and chronic neuronal damage in early multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 678-686.	3.0	148
59	Characterizing Microstructural Tissue Properties in Multiple Sclerosis with Diffusion MRI at 7â€T and 3â€T: The Impact of the Experimental Design. Neuroscience, 2019, 403, 17-26.	2.3	54
60	EGFL7 reduces CNS inflammation in mouse. Nature Communications, 2018, 9, 819.	12.8	33
61	Fast direct neuronal signaling via the IL-4 receptor as therapeutic target in neuroinflammation. Science Translational Medicine, 2018, 10, .	12.4	49
62	Preservation of neuronal function as measured by clinical and MRI endpoints in relapsing-remitting multiple sclerosis: how effective are current treatment strategies?. Expert Review of Neurotherapeutics, 2018, 18, 203-219.	2.8	8
63	ECTRIMS/EAN Guideline on the pharmacological treatment of people with multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 96-120.	3.0	458
64	Studying the bloodâ€“brain barrier will provide new insights into neurodegeneration â€“ Commentary. Multiple Sclerosis Journal, 2018, 24, 1026-1028.	3.0	1
65	CCR7 on CD4+ T Cells Plays a Crucial Role in the Induction of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2018, 200, 2554-2562.	0.8	30
66	Treatment choices and neuropsychological symptoms of a large cohort of early MS. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e446.	6.0	54
67	Treatment response to dimethyl fumarate is characterized by disproportionate CD8+ T cell reduction in MS. Multiple Sclerosis Journal, 2018, 24, 632-641.	3.0	57
68	Diagnosis of multiple sclerosis: a multicentre study to compare revised McDonald-2010 and Filippi-2010 criteria. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 316-318.	1.9	18
69	Targeting Voltage-Dependent Calcium Channels with Pregabalin Exerts a Direct Neuroprotective Effect in an Animal Model of Multiple Sclerosis. NeuroSignals, 2018, 26, 77-93.	0.9	22
70	Maladaptive cortical hyperactivity upon recovery from experimental autoimmune encephalomyelitis. Nature Neuroscience, 2018, 21, 1392-1403.	14.8	64
71	EGFL7 â€“ a potential therapeutic target for multiple sclerosis?. Expert Opinion on Therapeutic Targets, 2018, 22, 899-902.	3.4	0
72	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. Cell, 2018, 175, 1679-1687.e7.	28.9	115

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73	Targeting prohibitins at the cell surface prevents Th17â€mediated autoimmunity. EMBO Journal, 2018, 37, .	7.8	16
74	Discriminative power of intra-retinal layers in early multiple sclerosis using 3D OCT imaging. Journal of Neurology, 2018, 265, 2284-2294.	3.6	4
75	GFAPÎ± IgG-associated encephalitis upon daclizumab treatment of MS. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e481.	6.0	41
76	AAN unveils new guidelines for MS disease-modifying therapy. Nature Reviews Neurology, 2018, 14, 384-386.	10.1	7
77	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. Nature Communications, 2018, 9, 2397.	12.8	147
78	Risikomanagement und alltagspraktische Aspekte. , 2018, , 361-369.		0
79	Neue, experimentelle und zukÃ¼nftige TherapieansÃtze. , 2018, , 353-359.		0
80	Increased structural white and grey matter network connectivity compensates for functional decline in early multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 432-441.	3.0	62
81	Multi-parametric quantitative MRI of normal appearing white matter in multiple sclerosis, and the effect of disease activity on T2. Brain Imaging and Behavior, 2017, 11, 744-753.	2.1	32
82	An improved anatomical MRI technique with suppression of fixative fluid artifacts for the investigation of human postmortem brain phantoms. Magnetic Resonance in Medicine, 2017, 77, 1115-1123.	3.0	1
83	A â€œkissing lesionâ€: In-vivo 7T evidence of meningeal inflammation in early multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 1167-1169.	3.0	14
84	Dimethyl fumarateâ€“induced lymphopenia in MS due to differential T-cell subset apoptosis. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e340.	6.0	73
85	Dimethyl Fumarate Treatment Mediates an Anti-Inflammatory Shift in B Cell Subsets of Patients with Multiple Sclerosis. Journal of Immunology, 2017, 198, 691-698.	0.8	112
86	Phenotype of Antigen Unexperienced TH Cells in the Inflamed Central Nervous System in Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2017, 12, 305-313.	4.1	0
87	Dendritic cells tip the balance towards induction of regulatory T cells upon priming in experimental autoimmune encephalomyelitis. Journal of Autoimmunity, 2017, 76, 108-114.	6.5	18
88	Role of IL-17-producing lymphocytes in severity of multiple sclerosis upon natalizumab treatment. Multiple Sclerosis Journal, 2017, 23, 567-576.	3.0	15
89	The Role of ERK Signaling in Experimental Autoimmune Encephalomyelitis. International Journal of Molecular Sciences, 2017, 18, 1990.	4.1	28
90	A Novel Cervical Spinal Cord Window Preparation Allows for Two-Photon Imaging of T-Cell Interactions with the Cervical Spinal Cord Microvasculature during Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2017, 8, 406.	4.8	56

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91	Single-cell profiling reveals GPCR heterogeneity and functional patterning during neuroinflammation. JCI Insight, 2017, 2, .	5.0	19
92	Structural Brain Network Characteristics Can Differentiate CIS from Early RRMS. Frontiers in Neuroscience, 2016, 10, 14.	2.8	68
93	Assessment of cortical damage in early multiple sclerosis with quantitative T₂ relaxometry. NMR in Biomedicine, 2016, 29, 444-450.	2.8	31
94	In vivo and inÂvitro effects of multiple sclerosis immunomodulatory therapeutics on glutamatergic excitotoxicity. Journal of Neurochemistry, 2016, 136, 971-980.	3.9	49
95	Analysis of Plasminogen Genetic Variants in Multiple Sclerosis Patients. G3: Genes, Genomes, Genetics, 2016, 6, 2073-2079.	1.8	13
96	Changes and variability of proton density and T1 relaxation times in early multiple sclerosis: MRI markers of neuronal damage in the cerebral cortex. European Radiology, 2016, 26, 2578-2586.	4.5	42
97	Past, present and future of immunology in Mainz. Cellular Immunology, 2016, 308, 1-6.	3.0	0
98	The farnesoid-X-receptor in myeloid cells controls CNS autoimmunity in an IL-10-dependent fashion. Acta Neuropathologica, 2016, 132, 413-431.	7.7	26
99	Down-regulation of neuronal L1 cell adhesion molecule expression alleviates inflammatory neuronal injury. Acta Neuropathologica, 2016, 132, 703-720.	7.7	17
100	Protein kinase CK2 governs the molecular decision between encephalitogenic T _H 17 cell and T _{reg} cell development. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10145-10150.	7.1	32
101	Increase of Alternatively Activated Antigen Presenting Cells in Active Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2016, 11, 721-732.	4.1	9
102	Gatekeeper role of brain antigenâ€presenting CD11c ⁺ cells in neuroinflammation. EMBO Journal, 2016, 35, 89-101.	7.8	59
103	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. Neuron, 2016, 92, 333-335.	8.1	24
104	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. Science Advances, 2016, 2, e1501678.	10.3	133
105	Power estimation for non-standardized multisite studies. NeuroImage, 2016, 134, 281-294.	4.2	36
106	Structural correlates for fatigue in early relapsing remitting multiple sclerosis. European Radiology, 2016, 26, 515-523.	4.5	46
107	Understanding the Role of T Cells in CNS Homeostasis. Trends in Immunology, 2016, 37, 154-165.	6.8	125
108	Changes in brain functional connectivity patterns are driven by an individual lesion in MS: a resting-state fMRI study. Brain Imaging and Behavior, 2016, 10, 1117-1126.	2.1	39

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109	Secondary Progression in Multiple Sclerosis: Neuronal Exhaustion or Distinct Pathology?. Trends in Neurosciences, 2016, 39, 325-339.	8.6	83
110	Dendritic cells as therapeutic targets in neuroinflammation. Cellular and Molecular Life Sciences, 2016, 73, 2425-2450.	5.4	26
111	Microgliaâ€“blood vessel interactions: a double-edged sword in brain pathologies. Acta Neuropathologica, 2016, 131, 347-363.	7.7	217
112	PML risk stratification using anti-JCV antibody index and L-selectin. Multiple Sclerosis Journal, 2016, 22, 1048-1060.	3.0	62
113	A novel automated segmentation method for retinal layers in OCT images proves retinal degeneration after optic neuritis. British Journal of Ophthalmology, 2016, 100, 484-490.	3.9	9
114	Flow cytometric analysis of T cell/monocyte ratio in clinically isolated syndrome identifies patients at risk of rapid disease progression. Multiple Sclerosis Journal, 2016, 22, 483-493.	3.0	33
115	Evidence for early, non-lesional cerebellar damage in patients with multiple sclerosis: DTI measures correlate with disability, atrophy, and disease duration. Multiple Sclerosis Journal, 2016, 22, 73-84.	3.0	43
116	The Relationship between Gray Matter Quantitative MRI and Disability in Secondary Progressive Multiple Sclerosis. PLoS ONE, 2016, 11, e0161036.	2.5	13
117	No role of IFITM3 in brain tumor formationin vivo. Oncotarget, 2016, 7, 86388-86405.	1.8	4
118	Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. Genetic Epidemiology, 2015, 39, 601-608.	1.3	15
119	New candidates for CD4 T cell pathogenicity in experimental neuroinflammation and multiple sclerosis. Brain, 2015, 138, 902-917.	7.6	64
120	A human post-mortem brain model for the standardization of multi-centre MRI studies. NeuroImage, 2015, 110, 11-21.	4.2	30
121	Perivascular microglia promote blood vessel disintegration in the ischemic penumbra. Acta Neuropathologica, 2015, 129, 279-295.	7.7	198
122	Protein kinase CK2 enables regulatory T cells to suppress excessive TH2 responses in vivo. Nature Immunology, 2015, 16, 267-275.	14.5	102
123	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. Immunity, 2015, 43, 92-106.	14.3	506
124	Lack of efficacy of mitoxantrone in primary progressive Multiple Sclerosis irrespective of pharmacogenetic factors: A multi-center, retrospective analysis. Journal of Neuroimmunology, 2015, 278, 277-279.	2.3	15
125	FRET based ratiometric Ca2+ imaging to investigate immune-mediated neuronal and axonal damage processes in experimental autoimmune encephalomyelitis. Journal of Neuroscience Methods, 2015, 249, 8-15.	2.5	13
126	Identification of cortical lesions using DIR and FLAIR in early stages of multiple sclerosis. Journal of Neurology, 2015, 262, 1473-1482.	3.6	26

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127	Putaminal alteration in multiple sclerosis patients with spinal cord lesions. Journal of Neural Transmission, 2015, 122, 1465-1473.	2.8	3
128	FTY720 (fingolimod) treatment tips the balance towards less immunogenic antigen-presenting cells in patients with multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1811-1822.	3.0	37
129	Cross-Recognition of a Myelin Peptide by CD8⁺T Cells in the CNS Is Not Sufficient to Promote Neuronal Damage. Journal of Neuroscience, 2015, 35, 4837-4850.	3.6	9
130	Genome-wide significant association with seven novel multiple sclerosis risk loci. Journal of Medical Genetics, 2015, 52, 848-855.	3.2	34
131	Long-Term Performance of the Bovine Pericardium Patch in Conventional Carotid Endarterectomy. Thoracic and Cardiovascular Surgeon, 2015, 63, 168-174.	1.0	8
132	Class II HLA interactions modulate genetic risk for multiple sclerosis. Nature Genetics, 2015, 47, 1107-1113.	21.4	312
133	Role of Sortilin in Models of Autoimmune Neuroinflammation. Journal of Immunology, 2015, 195, 5762-5769.	0.8	10
134	The impact of isolated lesions on white-matter fiber tracts in multiple sclerosis patients. NeuroImage: Clinical, 2015, 8, 110-116.	2.7	31
135	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. Journal of Clinical Investigation, 2015, 125, 699-714.	8.2	161
136	Betreuung von Patienten mit multipler Sklerose. , 2015, , 393-402.		0
137	Neue, experimentelle und zukÃ¼nftige TherapieansÃtze. , 2015, , 361-368.		0
138	Modulation of Dendritic Cell Immunobiology via Inhibition of 3-Hydroxy-3-Methylglutaryl-CoA (HMG-CoA) Reductase. PLoS ONE, 2014, 9, e100871.	2.5	11
139	Cardiotoxicity of Mitoxantrone Treatment in a German Cohort of 639 Multiple Sclerosis Patients.		

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145	IL-17 and related cytokines involved in the pathology and immunotherapy of multiple sclerosis: Current and future developments. Cytokine and Growth Factor Reviews, 2014, 25, 403-413.	7.2	107
146	No evidence for shared genetic basis of common variants in multiple sclerosis and amyotrophic lateral sclerosis. Human Molecular Genetics, 2014, 23, 1916-1922.	2.9	23
147	Assessment of microRNA-related SNP effects in the 3â€² untranslated region of the IL22RA2 risk locus in multiple sclerosis. Neurogenetics, 2014, 15, 129-134.	1.4	19
148	Cladribine exerts an immunomodulatory effect on human and murine dendritic cells. International Immunopharmacology, 2014, 18, 347-357.	3.8	28
149	Increased cortical curvature reflects white matter atrophy in individual patients with early multiple sclerosis. NeuroImage: Clinical, 2014, 6, 475-487.	2.7	38
150	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. Nature Genetics, 2013, 45, 1353-1360.	21.4	1,213
151	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. Brain, 2013, 136, 1778-1782.	7.6	60
152	Neurons as targets for T cells in the nervous system. Trends in Neurosciences, 2013, 36, 315-324.	8.6	88
153	Novel therapeutic options and drug targets in MS. Nature Reviews Neurology, 2013, 9, 72-73.	10.1	22
154	A â€œCandidate-Interactomeâ€•Aggregate Analysis of Genome-Wide Association Data in Multiple Sclerosis. PLoS ONE, 2013, 8, e63300.	2.5	66
155	Network-Based Multiple Sclerosis Pathway Analysis with GWAS Data from 15,000 Cases and 30,000 Controls. American Journal of Human Genetics, 2013, 92, 854-865.	6.2	164
156	Modulation of dendritic cell properties by laquinimod as a mechanism for modulating multiple sclerosis. Brain, 2013, 136, 1048-1066.	7.6	100
157	Fine-Mapping the Genetic Association of the Major Histocompatibility Complex in Multiple Sclerosis: HLA and Non-HLA Effects. PLoS Genetics, 2013, 9, e1003926.	3.5	250
158	Bilateral vertebral artery dissection, agenesis of both ICAs, and connective tissue aberrations. Neurology, 2013, 80, 1442-1443.	1.1	4
159	Genome-wide significant association ofANKRD55rs6859219 and multiple sclerosis risk. Journal of Medical Genetics, 2013, 50, 140-143.	3.2	34
160	Identification of Inflammatory Neuronal Injury and Prevention of Neuronal Damage in Multiple Sclerosis. JAMA Neurology, 2013, 70, 1569-74.	9.0	30
161	Two-Photon Imaging of Immune Cells in Neural Tissue. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot073528.	0.3	14
162	The Role of CD8+ T Cells and Their Local Interaction with CD4+ T Cells in Myelin Oligodendrocyte Glycoprotein35â€“55â€“Induced Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2013, 191, 4960-4968.	0.8	24

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163	Oligoclonal Band Status in Scandinavian Multiple Sclerosis Patients Is Associated with Specific Genetic Risk Alleles. PLoS ONE, 2013, 8, e58352.	2.5	45
164	Parallelized TCSPC for Dynamic Intravital Fluorescence Lifetime Imaging: Quantifying Neuronal Dysfunction in Neuroinflammation. PLoS ONE, 2013, 8, e60100.	2.5	63
165	Kinetics of IL-6 Production Defines T Effector Cell Responsiveness to Regulatory T Cells in Multiple Sclerosis. PLoS ONE, 2013, 8, e77634.	2.5	40
166	Impairment of contrast visual acuity as a functional correlate of retinal nerve fibre layer thinning and total macular volume reduction in multiple sclerosis. British Journal of Ophthalmology, 2012, 96, 62-67.	3.9	68
167	Comprehensive Research Synopsis and Systematic Meta-Analyses in Parkinson's Disease Genetics: The PDGene Database. PLoS Genetics, 2012, 8, e1002548.	3.5	495
168	Incidence of therapy-related acute leukaemia in mitoxantrone-treated multiple sclerosis patients in Germany. Therapeutic Advances in Neurological Disorders, 2012, 5, 75-79.	3.5	39
169	Closing the case ofAPOEin multiple sclerosis: no association with disease risk in over 29â€...000 subjects: Figure 1. Journal of Medical Genetics, 2012, 49, 558-562.	3.2	31
170	The problems and promises of research into human immunology and autoimmune disease. Nature Medicine, 2012, 18, 48-53.	30.7	51
171	Two laboratory-confirmed cases of Japanese encephalitis imported to Germany by travelers returning from Southeast Asia. Journal of Clinical Virology, 2012, 54, 282-285.	3.1	24
172	Impact of Fingolimod Therapy on Magnetic Resonance Imaging Outcomes in Patients With Multiple Sclerosis. Archives of Neurology, 2012, 69, 1259.	4.5	97
173	Neurodegeneration in multiple sclerosis: novel treatment strategies. Expert Review of Neurotherapeutics, 2012, 12, 1061-1077.	2.8	82
174	Rapid alterations of cell cycle control proteins in human T lymphocytes in microgravity. Cell Communication and Signaling, 2012, 10, 1.	6.5	72
175	Intracranial spreading of a spinal anaplastic astrocytoma. Journal of Neurology, 2012, 259, 768-770.	3.6	2
176	Independent replication of STAT3 association with multiple sclerosis risk in a large German caseâ€“control sample. Neurogenetics, 2012, 13, 83-86.	1.4	21
177	Relapse and disability outcomes in patients with multiple sclerosis treated with fingolimod: subgroup analyses of the double-blind, randomised, placebo-controlled FREEDOMS study. Lancet Neurology, The, 2012, 11, 420-428.	10.2	152
178	Mitoxantrone Induces Natural Killer Cell Maturation in Patients with Secondary Progressive Multiple Sclerosis. PLoS ONE, 2012, 7, e39625.	2.5	21
179	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. Nature, 2011, 476, 214-219.	27.8	2,400
180	BLBP-expression in astrocytes during experimental demyelination and in human multiple sclerosis lesions. Brain, Behavior, and Immunity, 2011, 25, 1554-1568.	4.1	69

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181	MRI Pattern Recognition in Multiple Sclerosis Normal-Appearing Brain Areas. PLoS ONE, 2011, 6, e21138.	2.5	46
182	No Association Between Genetic Polymorphism at Codon 129 of the Prion Protein Gene and Primary Progressive Multiple Sclerosis. Archives of Neurology, 2011, 68, 264-5.	4.5	2
183	Analyses of phenotypic and functional characteristics of CX3CR1â€expressing natural killer cells. Immunology, 2011, 133, 62-73.	4.4	72
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