

Frauke Zipp

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

307
papers

20,653
citations

67
h-index

135
g-index

340
ext. papers

24,337
ext. citations

8.5
avg, IF

6.35
L-index

#	Paper	IF	Citations
307	Inhibition of the enzyme autotaxin reduces cortical excitability and ameliorates the outcome in stroke.. <i>Science Translational Medicine</i> , 2022 , 14, eabk0135	17.5	1
306	Preventing disease progression in multiple sclerosis-insights from large real-world cohorts.. <i>Genome Medicine</i> , 2022 , 14, 41	14.4	0
305	Detecting ongoing disease activity in mildly affected multiple sclerosis patients under first-line therapies. <i>Multiple Sclerosis and Related Disorders</i> , 2022 , 103927	4	1
304	A lymphocyte-glia connection sets the pace for smoldering inflammation. <i>Cell</i> , 2021 , 184, 5696-5698	56.2	0
303	Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
302	The neuroinflammation collection: a vision for expanding neuro-immune crosstalk in Brain. <i>Brain</i> , 2021 , 144, e59	11.2	1
301	Encephalitis with Autoantibodies against the Glutamate Kainate Receptors GluK2. <i>Annals of Neurology</i> , 2021 , 90, 101-117	9.4	8
300	The potential of serum neurofilament as biomarker for multiple sclerosis. <i>Brain</i> , 2021 , 144, 2954-2963	11.2	19
299	Kommentar der Multiple Sklerose Therapie Konsensus Gruppe (MSTKG) zur S2k-Leitlinie Multiple Sklerose. <i>DGNeurologie</i> , 2021 , 4, 319-326	0.2	0
298	Targeting Immune Modulators in Glioma While Avoiding Autoimmune Conditions. <i>Cancers</i> , 2021 , 13,	6.6	2
297	Increased frequency of proinflammatory CD4 T cells and pathological levels of serum neurofilament light chain in adult drug-resistant epilepsy. <i>Epilepsia</i> , 2021 , 62, 176-189	6.4	6
296	Implications of extreme serum neurofilament light chain levels for the management of patients with relapsing multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211001977	6.6	0
295	Multiple Sclerosis Therapy Consensus Group (MSTCG): position statement on disease-modifying therapies for multiple sclerosis (white paper). <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211039648	6.6	13
294	Serum neurofilament levels reflect outer retinal layer changes in multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211003478	6.6	1
293	Epigallocatechin Gallate in Relapsing-Remitting Multiple Sclerosis: A Randomized, Placebo-Controlled Trial. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	7
292	Ocrelizumab Extended Interval Dosing in Multiple Sclerosis in Times of COVID-19. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	23
291	Multiple sclerosis therapy consensus group (MSTCG): answers to the discussion questions. <i>Neurological Research and Practice</i> , 2021 , 3, 44	3.2	3

290	Pro-inflammatory T helper 17 directly harms oligodendrocytes in neuroinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
289	NfL predicts relapse-free progression in a longitudinal multiple sclerosis cohort study. <i>EBioMedicine</i> , 2021 , 72, 103590	8.8	4
288	Dimethyl fumarate treatment restrains the antioxidative capacity of T cells to control autoimmunity. <i>Brain</i> , 2021 , 144, 3126-3141	11.2	5
287	Treatment approaches to patients with multiple sclerosis and coexisting autoimmune disorders. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 17562864211035542	6.6	3
286	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. <i>EBioMedicine</i> , 2020 , 56, 102807	8.8	30
285	Is β associated with cognitive performance in early MS?. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	4
284	Growth-Promoting Treatment Screening for Corticospinal Neurons in Mouse and Man. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 1327-1338	4.6	0
283	Covarying patterns of white matter lesions and cortical atrophy predict progression in early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	5
282	Continuous reorganization of cortical information flow in multiple sclerosis: A longitudinal fMRI effective connectivity study. <i>Scientific Reports</i> , 2020 , 10, 806	4.9	11
281	Transient enlargement of brain ventricles during relapsing-remitting multiple sclerosis and experimental autoimmune encephalomyelitis. <i>JCI Insight</i> , 2020 , 5,	9.9	4
280	β -Integrin- and KV1.3 channel-dependent signaling stimulates glutamate release from Th17 cells. <i>Journal of Clinical Investigation</i> , 2020 , 130, 715-732	15.9	14
279	Genetic determinants of the humoral immune response in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	3
278	The frequency of follicular T helper cells differs in acute and chronic neuroinflammation. <i>Scientific Reports</i> , 2020 , 10, 20485	4.9	1
277	Functional characteristics of Th1, Th17, and ex-Th17 cells in EAE revealed by intravital two-photon microscopy. <i>Journal of Neuroinflammation</i> , 2020 , 17, 357	10.1	8
276	CNS-localized myeloid cells capture living invading T cells during neuroinflammation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	6
275	Supplementary medication in multiple sclerosis: Real-world experience and potential interference with neurofilament light chain measurement. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020 , 6, 2055217320936318	2	1
274	Association of intrathecal pleocytosis and IgG synthesis with axonal damage in early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	9
273	Ocrelizumab initiation in patients with MS: A multicenter observational study. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	19

272	NFL (Neurofilament Light Chain) Levels as a Predictive Marker for Long-Term Outcome After Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 3077-3084	6.7	51
271	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , 2019 , 365,	33.3	309
270	Evidence for a white matter lesion size threshold to support the diagnosis of relapsing remitting multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 29, 124-129	4	2
269	Longitudinal cortical network reorganization in early relapsing-remitting multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2019 , 12, 1756286419838673	6.6	17
268	Automated segmentation of changes in FLAIR-hyperintense white matter lesions in multiple sclerosis on serial magnetic resonance imaging. <i>NeuroImage: Clinical</i> , 2019 , 23, 101849	5.3	25
267	Implementing the 2017 McDonald criteria for the diagnosis of multiple sclerosis. <i>Nature Reviews Neurology</i> , 2019 , 15, 441-445	15	12
266	Neuronal ICAM-5 Plays a Neuroprotective Role in Progressive Neurodegeneration. <i>Frontiers in Neurology</i> , 2019 , 10, 205	4.1	3
265	Immunoneuropsychiatry - novel perspectives on brain disorders. <i>Nature Reviews Neurology</i> , 2019 , 15, 317-328	15	141
264	Imaging in mice and men: Pathophysiological insights into multiple sclerosis from conventional and advanced MRI techniques. <i>Progress in Neurobiology</i> , 2019 , 182, 101663	10.9	11
263	Intrathecal B-cell accumulation and axonal damage distinguish MRI-based benign from aggressive onset in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019 , 6,	9.1	9
262	IL-17 CD8 T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. <i>Nature Communications</i> , 2019 , 10, 5722	17.4	39
261	Can we predict cognitive decline after initial diagnosis of multiple sclerosis? Results from the German National early MS cohort (KKNMS). <i>Journal of Neurology</i> , 2019 , 266, 386-397	5.5	19
260	Increased cerebrospinal fluid albumin and immunoglobulin A fractions forecast cortical atrophy and longitudinal functional deterioration in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 338-343	5	9
259	Graph Theoretical Framework of Brain Networks in Multiple Sclerosis: A Review of Concepts. <i>Neuroscience</i> , 2019 , 403, 35-53	3.9	65
258	Association of smoking but not HLA-DRB1*15:01, APOE or body mass index with brain atrophy in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 661-668	5	5
257	Serum neurofilament light chain is a biomarker of acute and chronic neuronal damage in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 678-686	5	97
256	Characterizing Microstructural Tissue Properties in Multiple Sclerosis with Diffusion MRI at 7 T and 3 T: The Impact of the Experimental Design. <i>Neuroscience</i> , 2019 , 403, 17-26	3.9	40
255	EGFL7 reduces CNS inflammation in mouse. <i>Nature Communications</i> , 2018 , 9, 819	17.4	21

254	Fast direct neuronal signaling via the IL-4 receptor as therapeutic target in neuroinflammation. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	35
253	Preservation of neuronal function as measured by clinical and MRI endpoints in relapsing-remitting multiple sclerosis: how effective are current treatment strategies?. <i>Expert Review of Neurotherapeutics</i> , 2018 , 18, 203-219	4.3	4
252	ECTRIMS/EAN Guideline on the pharmacological treatment of people with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 96-120	5	286
251	Studying the blood-brain barrier will provide new insights into neurodegeneration - Commentary. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1026-1028	5	1
250	CCR7 on CD4 T Cells Plays a Crucial Role in the Induction of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2018 , 200, 2554-2562	5.3	14
249	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018 , 5, e446	9.1	40
248	Treatment response to dimethyl fumarate is characterized by disproportionate CD8+ T cell reduction in MS. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 632-641	5	39
247	Diagnosis of multiple sclerosis: a multicentre study to compare revised McDonald-2010 and Filippi-2010 criteria. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 316-318	5.5	14
246	Targeting prohibitins at the cell surface prevents Th17-mediated autoimmunity. <i>EMBO Journal</i> , 2018 , 37,	13	10
245	Discriminative power of intra-retinal layers in early multiple sclerosis using 3D OCT imaging. <i>Journal of Neurology</i> , 2018 , 265, 2284-2294	5.5	3
244	GFAP β g-associated encephalitis upon daclizumab treatment of MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018 , 5, e481	9.1	33
243	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. <i>Nature Communications</i> , 2018 , 9, 2397	17.4	81
242	Risikomanagement und alltagspraktische Aspekte 2018 , 361-369		
241	Neue, experimentelle und zukünftige Therapieansätze 2018 , 353-359		
240	Targeting Voltage-Dependent Calcium Channels with Pregabalin Exerts a Direct Neuroprotective Effect in an Animal Model of Multiple Sclerosis. <i>NeuroSignals</i> , 2018 , 26, 77-93	1.9	12
239	Maladaptive cortical hyperactivity upon recovery from experimental autoimmune encephalomyelitis. <i>Nature Neuroscience</i> , 2018 , 21, 1392-1403	25.5	32
238	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , 2018 , 175, 1679-1687.e72	16.2	72
237	Increased structural white and grey matter network connectivity compensates for functional decline in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 432-441	5	45

236	Multi-parametric quantitative MRI of normal appearing white matter in multiple sclerosis, and the effect of disease activity on T2. <i>Brain Imaging and Behavior</i> , 2017 , 11, 744-753	4.1	20
235	An improved anatomical MRI technique with suppression of fixative fluid artifacts for the investigation of human postmortem brain phantoms. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 1115-1123	4.4	1
234	A "kissing lesion": In-vivo 7T evidence of meningeal inflammation in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 1167-1169	5	10
233	Dimethyl fumarate-induced lymphopenia in MS due to differential T-cell subset apoptosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017 , 4, e340	9.1	59
232	Dimethyl Fumarate Treatment Mediates an Anti-Inflammatory Shift in B Cell Subsets of Patients with Multiple Sclerosis. <i>Journal of Immunology</i> , 2017 , 198, 691-698	5.3	83
231	Single-cell profiling reveals GPCR heterogeneity and functional patterning during neuroinflammation. <i>JCI Insight</i> , 2017 , 2,	9.9	12
230	Phenotype of Antigen Unexperienced T Cells in the Inflamed Central Nervous System in Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2017 , 12, 305-313	6.9	
229	Dendritic cells tip the balance towards induction of regulatory T cells upon priming in experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2017 , 76, 108-114	15.5	13
228	Role of IL-17-producing lymphocytes in severity of multiple sclerosis upon natalizumab treatment. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 567-576	5	10
227	The Role of ERK Signaling in Experimental Autoimmune Encephalomyelitis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
226	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. <i>Frontiers in Immunology</i> , 2017 , 8, 406	8.4	20
225	A novel automated segmentation method for retinal layers in OCT images proves retinal degeneration after optic neuritis. <i>British Journal of Ophthalmology</i> , 2016 , 100, 484-90	5.5	9
224	Flow cytometric analysis of T cell/monocyte ratio in clinically isolated syndrome identifies patients at risk of rapid disease progression. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 483-93	5	12
223	Evidence for early, non-lesional cerebellar damage in patients with multiple sclerosis: DTI measures correlate with disability, atrophy, and disease duration. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 73-84	5	35
222	Down-regulation of neuronal L1 cell adhesion molecule expression alleviates inflammatory neuronal injury. <i>Acta Neuropathologica</i> , 2016 , 132, 703-720	14.3	8
221	Protein kinase CK2 governs the molecular decision between encephalitogenic TH17 cell and Treg cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10145-50	11.5	24
220	Increase of Alternatively Activated Antigen Presenting Cells in Active Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2016 , 11, 721-732	6.9	8
219	Gatekeeper role of brain antigen-presenting CD11c+ cells in neuroinflammation. <i>EMBO Journal</i> , 2016 , 35, 89-101	13	34

218	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. <i>Neuron</i> , 2016 , 92, 333-335	13.9	19
217	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. <i>Science Advances</i> , 2016 , 2, e1501678	14.3	75
216	Power estimation for non-standardized multisite studies. <i>NeuroImage</i> , 2016 , 134, 281-294	7.9	28
215	Structural correlates for fatigue in early relapsing remitting multiple sclerosis. <i>European Radiology</i> , 2016 , 26, 515-23	8	37
214	Understanding the Role of T Cells in CNS Homeostasis. <i>Trends in Immunology</i> , 2016 , 37, 154-165	14.4	81
213	Changes in brain functional connectivity patterns are driven by an individual lesion in MS: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2016 , 10, 1117-1126	4.1	30
212	Secondary Progression in Multiple Sclerosis: Neuronal Exhaustion or Distinct Pathology?. <i>Trends in Neurosciences</i> , 2016 , 39, 325-339	13.3	58
211	Dendritic cells as therapeutic targets in neuroinflammation. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 2425-50	10.3	17
210	Microglia-blood vessel interactions: a double-edged sword in brain pathologies. <i>Acta Neuropathologica</i> , 2016 , 131, 347-63	14.3	152
209	PML risk stratification using anti-JCV antibody index and L-selectin. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1048-60	5	57
208	The Relationship between Gray Matter Quantitative MRI and Disability in Secondary Progressive Multiple Sclerosis. <i>PLoS ONE</i> , 2016 , 11, e0161036	3.7	9
207	No role of IFITM3 in brain tumor formation in vivo. <i>Oncotarget</i> , 2016 , 7, 86388-86405	3.3	3
206	Structural Brain Network Characteristics Can Differentiate CIS from Early RRMS. <i>Frontiers in Neuroscience</i> , 2016 , 10, 14	5.1	47
205	Assessment of cortical damage in early multiple sclerosis with quantitative T2 relaxometry. <i>NMR in Biomedicine</i> , 2016 , 29, 444-50	4.4	20
204	In vivo and in vitro effects of multiple sclerosis immunomodulatory therapeutics on glutamatergic excitotoxicity. <i>Journal of Neurochemistry</i> , 2016 , 136, 971-80	6	37
203	Analysis of Plasminogen Genetic Variants in Multiple Sclerosis Patients. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 2073-9	3.2	8
202	Changes and variability of proton density and T1 relaxation times in early multiple sclerosis: MRI markers of neuronal damage in the cerebral cortex. <i>European Radiology</i> , 2016 , 26, 2578-86	8	33
201	The Farnesoid-X-receptor in myeloid cells controls CNS autoimmunity in an IL-10-dependent fashion. <i>Acta Neuropathologica</i> , 2016 , 132, 413-31	14.3	17

200	Protein kinase CK2 enables regulatory T cells to suppress excessive TH2 responses in vivo. <i>Nature Immunology</i> , 2015 , 16, 267-75	19.1	87
199	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. <i>Immunity</i> , 2015 , 43, 92-106	32.3	358
198	Lack of efficacy of mitoxantrone in primary progressive Multiple Sclerosis irrespective of pharmacogenetic factors: a multi-center, retrospective analysis. <i>Journal of Neuroimmunology</i> , 2015 , 278, 277-9	3.5	13
197	FRET based ratiometric Ca(2+) imaging to investigate immune-mediated neuronal and axonal damage processes in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience Methods</i> , 2015 , 249, 8-15	3	10
196	Identification of cortical lesions using DIR and FLAIR in early stages of multiple sclerosis. <i>Journal of Neurology</i> , 2015 , 262, 1473-82	5.5	18
195	Putaminal alteration in multiple sclerosis patients with spinal cord lesions. <i>Journal of Neural Transmission</i> , 2015 , 122, 1465-73	4.3	3
194	FTY720 (fingolimod) treatment tips the balance towards less immunogenic antigen-presenting cells in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 1811-22	5	27
193	Cross-recognition of a myelin peptide by CD8+ T cells in the CNS is not sufficient to promote neuronal damage. <i>Journal of Neuroscience</i> , 2015 , 35, 4837-50	6.6	5
192	Genome-wide significant association with seven novel multiple sclerosis risk loci. <i>Journal of Medical Genetics</i> , 2015 , 52, 848-55	5.8	27
191	Long-term performance of the bovine pericardium patch in conventional carotid endarterectomy. <i>Thoracic and Cardiovascular Surgeon</i> , 2015 , 63, 168-74	1.6	8
190	Class II HLA interactions modulate genetic risk for multiple sclerosis. <i>Nature Genetics</i> , 2015 , 47, 1107-1113	36.3	215
189	Role of Sortilin in Models of Autoimmune Neuroinflammation. <i>Journal of Immunology</i> , 2015 , 195, 5762-95	5.3	8
188	The impact of isolated lesions on white-matter fiber tracts in multiple sclerosis patients. <i>NeuroImage: Clinical</i> , 2015 , 8, 110-6	5.3	23
187	Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. <i>Genetic Epidemiology</i> , 2015 , 39, 601-8	2.6	9
186	New candidates for CD4 T cell pathogenicity in experimental neuroinflammation and multiple sclerosis. <i>Brain</i> , 2015 , 138, 902-17	11.2	42
185	A human post-mortem brain model for the standardization of multi-centre MRI studies. <i>NeuroImage</i> , 2015 , 110, 11-21	7.9	25
184	Perivascular microglia promote blood vessel disintegration in the ischemic penumbra. <i>Acta Neuropathologica</i> , 2015 , 129, 279-95	14.3	115
183	MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. <i>Journal of Clinical Investigation</i> , 2015 , 125, 699-714	15.9	105

182	Betreuung von Patienten mit multipler Sklerose 2015 , 393-402		
181	Neue, experimentelle und zukünftige Therapieansätze 2015 , 361-368		
180	Molecular mechanisms linking neuroinflammation and neurodegeneration in MS. <i>Experimental Neurology</i> , 2014 , 262 Pt A, 8-17	5.7	113
179	A gene pathway analysis highlights the role of cellular adhesion molecules in multiple sclerosis susceptibility. <i>Genes and Immunity</i> , 2014 , 15, 126-32	4.4	23
178	Remyelinating strategies in multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2014 , 14, 1315-34	4.3	19
177	IL-17 and related cytokines involved in the pathology and immunotherapy of multiple sclerosis: Current and future developments. <i>Cytokine and Growth Factor Reviews</i> , 2014 , 25, 403-13	17.9	83
176	No evidence for shared genetic basis of common variants in multiple sclerosis and amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2014 , 23, 1916-22	5.6	14
175	Assessment of microRNA-related SNP effects in the 3' untranslated region of the IL22RA2 risk locus in multiple sclerosis. <i>Neurogenetics</i> , 2014 , 15, 129-34	3	14
174	Cladribine exerts an immunomodulatory effect on human and murine dendritic cells. <i>International Immunopharmacology</i> , 2014 , 18, 347-57	5.8	20
173	Increased cortical curvature reflects white matter atrophy in individual patients with early multiple sclerosis. <i>NeuroImage: Clinical</i> , 2014 , 6, 475-87	5.3	25
172	Modulation of dendritic cell immunobiology via inhibition of 3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) reductase. <i>PLoS ONE</i> , 2014 , 9, e100871	3.7	9
171	Cardiotoxicity of mitoxantrone treatment in a german cohort of 639 multiple sclerosis patients. <i>Journal of Clinical Neurology (Korea)</i> , 2014 , 10, 289-95	1.7	14
170	Experimental applications of TNF-reporter mice with far-red fluorescent label. <i>Methods in Molecular Biology</i> , 2014 , 1155, 151-62	1.4	4
169	How to treat tumefactive demyelinating disease?. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 631-3	5	14
168	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. <i>Nature Genetics</i> , 2013 , 45, 1353-60	36.3	934
167	MANBA, CXCR5, SOX8, RPS6KB1 and ZBTB46 are genetic risk loci for multiple sclerosis. <i>Brain</i> , 2013 , 136, 1778-82	11.2	47
166	Neurons as targets for T cells in the nervous system. <i>Trends in Neurosciences</i> , 2013 , 36, 315-24	13.3	73
165	Multiple sclerosis in 2012: Novel therapeutic options and drug targets in MS. <i>Nature Reviews Neurology</i> , 2013 , 9, 72-3	15	17

164	A "candidate-interactome" aggregate analysis of genome-wide association data in multiple sclerosis. <i>PLoS ONE</i> , 2013 , 8, e63300	3.7	28
163	Network-based multiple sclerosis pathway analysis with GWAS data from 15,000 cases and 30,000 controls. <i>American Journal of Human Genetics</i> , 2013 , 92, 854-65	11	132
162	Modulation of dendritic cell properties by laquinimod as a mechanism for modulating multiple sclerosis. <i>Brain</i> , 2013 , 136, 1048-66	11.2	78
161	Fine-mapping the genetic association of the major histocompatibility complex in multiple sclerosis: HLA and non-HLA effects. <i>PLoS Genetics</i> , 2013 , 9, e1003926	6	186
160	Bilateral vertebral artery dissection, agenesis of both ICAs, and connective tissue aberrations. <i>Neurology</i> , 2013 , 80, 1442-3	6.5	3
159	Genome-wide significant association of ANKRD55 rs6859219 and multiple sclerosis risk. <i>Journal of Medical Genetics</i> , 2013 , 50, 140-3	5.8	29
158	Identification of inflammatory neuronal injury and prevention of neuronal damage in multiple sclerosis: hope for novel therapies?. <i>JAMA Neurology</i> , 2013 , 70, 1569-74	17.2	25
157	Two-photon imaging of immune cells in neural tissue. <i>Cold Spring Harbor Protocols</i> , 2013 , 2013,	1.2	5
156	The role of CD8+ T cells and their local interaction with CD4+ T cells in myelin oligodendrocyte glycoprotein35-55-induced experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2013 , 191, 4960-8	5.3	19
155	Oligoclonal band status in Scandinavian multiple sclerosis patients is associated with specific genetic risk alleles. <i>PLoS ONE</i> , 2013 , 8, e58352	3.7	36
154	Parallelized TCSPC for dynamic intravital fluorescence lifetime imaging: quantifying neuronal dysfunction in neuroinflammation. <i>PLoS ONE</i> , 2013 , 8, e60100	3.7	57
153	Kinetics of IL-6 production defines T effector cell responsiveness to regulatory T cells in multiple sclerosis. <i>PLoS ONE</i> , 2013 , 8, e77634	3.7	34
152	Relapse and disability outcomes in patients with multiple sclerosis treated with fingolimod: subgroup analyses of the double-blind, randomised, placebo-controlled FREEDOMS study. <i>Lancet Neurology</i> , 2012 , 11, 420-8	24.1	128
151	Closing the case of APOE in multiple sclerosis: no association with disease risk in over 29 000 subjects. <i>Journal of Medical Genetics</i> , 2012 , 49, 558-62	5.8	27
150	The problems and promises of research into human immunology and autoimmune disease. <i>Nature Medicine</i> , 2012 , 18, 48-53	50.5	44
149	Two laboratory-confirmed cases of Japanese encephalitis imported to Germany by travelers returning from Southeast Asia. <i>Journal of Clinical Virology</i> , 2012 , 54, 282-5	14.5	18
148	Impact of fingolimod therapy on magnetic resonance imaging outcomes in patients with multiple sclerosis. <i>Archives of Neurology</i> , 2012 , 69, 1259-69		83
147	Neurodegeneration in multiple sclerosis: novel treatment strategies. <i>Expert Review of Neurotherapeutics</i> , 2012 , 12, 1061-76; quiz 1077	4.3	66

146	Rapid alterations of cell cycle control proteins in human T lymphocytes in microgravity. <i>Cell Communication and Signaling</i> , 2012 , 10, 1	7.5	57
145	Intracranial spreading of a spinal anaplastic astrocytoma. <i>Journal of Neurology</i> , 2012 , 259, 768-70	5.5	2
144	Independent replication of STAT3 association with multiple sclerosis risk in a large German case-control sample. <i>Neurogenetics</i> , 2012 , 13, 83-6	3	18
143	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, 62-7	5.5	61
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