

Heinz Wiendl

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436
papers

15,473
citations

65
h-index

101
g-index

462
ext. papers

18,823
ext. citations

7.2
avg, IF

6.6
L-index

#	Paper	IF	Citations
436	Destruction of neurons by cytotoxic T cells: a new pathogenic mechanism in Rasmussen's encephalitis. <i>Annals of Neurology</i> , 2002 , 51, 311-8	9.4	290
435	ECTRIMS/EAN Guideline on the pharmacological treatment of people with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 96-120	5	286
434	A functional role of HLA-G expression in human gliomas: an alternative strategy of immune escape. <i>Journal of Immunology</i> , 2002 , 168, 4772-80	5.3	277
433	Expression of the B7-related molecule B7-H1 by glioma cells: a potential mechanism of immune paralysis. <i>Cancer Research</i> , 2003 , 63, 7462-7	10.1	272
432	Early detrimental T-cell effects in experimental cerebral ischemia are neither related to adaptive immunity nor thrombus formation. <i>Blood</i> , 2010 , 115, 3835-42	2.2	267
431	Blockade of PD-L1 (B7-H1) augments human tumor-specific T cell responses in vitro. <i>International Journal of Cancer</i> , 2006 , 119, 317-27	7.5	249
430	Regulatory T cells are strong promoters of acute ischemic stroke in mice by inducing dysfunction of the cerebral microvasculature. <i>Blood</i> , 2013 , 121, 679-91	2.2	240
429	Interferon-beta enhances monocyte and dendritic cell expression of B7-H1 (PD-L1), a strong inhibitor of autologous T-cell activation: relevance for the immune modulatory effect in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2004 , 155, 172-82	3.5	215
428	Daclizumab HYP versus Interferon Beta-1a in Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2015 , 373, 1418-28	59.2	203
427	Teriflunomide and its mechanism of action in multiple sclerosis. <i>Drugs</i> , 2014 , 74, 659-74	12.1	202
426	Clinical relevance of brain volume measures in multiple sclerosis. <i>CNS Drugs</i> , 2014 , 28, 147-56	6.7	201
425	A PD-1 polymorphism is associated with disease progression in multiple sclerosis. <i>Annals of Neurology</i> , 2005 , 58, 50-7	9.4	168
424	The role of regulatory T cells in multiple sclerosis. <i>Nature Clinical Practice Neurology</i> , 2008 , 4, 384-98		159
423	Dendritic cells ameliorate autoimmunity in the CNS by controlling the homeostasis of PD-1 receptor(+) regulatory T cells. <i>Immunity</i> , 2012 , 37, 264-75	32.3	154
422	Immunobiology of muscle: advances in understanding an immunological microenvironment. <i>Trends in Immunology</i> , 2005 , 26, 373-80	14.4	150
421	HLA-G expression defines a novel regulatory T-cell subset present in human peripheral blood and sites of inflammation. <i>Blood</i> , 2007 , 110, 568-77	2.2	149
420	Therapeutic approaches in multiple sclerosis: lessons from failed and interrupted treatment trials. <i>BioDrugs</i> , 2002 , 16, 183-200	7.9	138

419	Expression of the immune-tolerogenic major histocompatibility molecule HLA-G in multiple sclerosis: implications for CNS immunity. <i>Brain</i> , 2005 , 128, 2689-704	11.2	137
418	Safety and clinical outcomes of rituximab therapy in patients with different autoimmune diseases: experience from a national registry (GRAID). <i>Arthritis Research and Therapy</i> , 2011 , 13, R75	5.7	136
417	Microglial expression of the B7 family member B7 homolog 1 confers strong immune inhibition: implications for immune responses and autoimmunity in the CNS. <i>Journal of Neuroscience</i> , 2005 , 25, 2537-46	6.6	134
416	Ofatumumab versus Teriflunomide in Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2020 , 383, 546-557	59.2	132
415	Diagnostic criteria for Susac syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 1287-1295	5.3	130
414	Efficacy and safety of natalizumab in multiple sclerosis: interim observational programme results. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1190-7	5.5	130
413	L-selectin is a possible biomarker for individual PML risk in natalizumab-treated MS patients. <i>Neurology</i> , 2013 , 81, 865-71	6.5	127
412	Alemtuzumab in Multiple Sclerosis: Mechanism of Action and Beyond. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 16414-39	6.3	115
411	Endothelial TWIK-related potassium channel-1 (TREK1) regulates immune-cell trafficking into the CNS. <i>Nature Medicine</i> , 2013 , 19, 1161-5	50.5	112
410	Integrated single cell analysis of blood and cerebrospinal fluid leukocytes in multiple sclerosis. <i>Nature Communications</i> , 2020 , 11, 247	17.4	110
409	CD8+ T-cell clones dominate brain infiltrates in Rasmussen encephalitis and persist in the periphery. <i>Brain</i> , 2009 , 132, 1236-46	11.2	107
408	Clinical features, pathogenesis, and treatment of myasthenia gravis: a supplement to the Guidelines of the German Neurological Society. <i>Journal of Neurology</i> , 2016 , 263, 1473-94	5.5	104
407	Muscle fibres and cultured muscle cells express the B7.1/2-related inducible co-stimulatory molecule, ICOSL: implications for the pathogenesis of inflammatory myopathies. <i>Brain</i> , 2003 , 126, 1026-35	11.2	101
406	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	11.5	98
405	Sodium chloride promotes pro-inflammatory macrophage polarization thereby aggravating CNS autoimmunity. <i>Journal of Autoimmunity</i> , 2016 , 67, 90-101	15.5	97
404	VLA-4 blockade promotes differential routes into human CNS involving PSGL-1 rolling of T cells and MCAM-adhesion of TH17 cells. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1833-46	16.6	96
403	Immune cells contribute to myelin degeneration and axonopathic changes in mice overexpressing proteolipid protein in oligodendrocytes. <i>Journal of Neuroscience</i> , 2006 , 26, 8206-16	6.6	94
402	Dimethyl fumarate treatment alters circulating T helper cell subsets in multiple sclerosis. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2016 , 3, e183	9.1	93

401	CD4+ T effector memory cell dysfunction is associated with the accumulation of granulocytic myeloid-derived suppressor cells in glioblastoma patients. <i>Neuro-Oncology</i> , 2016 , 18, 807-18	1	90
400	Human muscle cells express a B7-related molecule, B7-H1, with strong negative immune regulatory potential: a novel mechanism of counterbalancing the immune attack in idiopathic inflammatory myopathies. <i>FASEB Journal</i> , 2003 , 17, 1892-4	0.9	90
399	Pathology of immune reconstitution inflammatory syndrome in multiple sclerosis with natalizumab-associated progressive multifocal leukoencephalopathy. <i>Acta Neuropathologica</i> , 2012 , 123, 235-45	14.3	89
398	Clinical relevance of specific T-cell activation in the blood and cerebrospinal fluid of patients with mild Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015 , 36, 81-9	5.6	86
397	Ultraviolet B light attenuates the systemic immune response in central nervous system autoimmunity. <i>Annals of Neurology</i> , 2014 , 75, 739-58	9.4	85
396	Stromal interaction molecules 1 and 2 are key regulators of autoreactive T cell activation in murine autoimmune central nervous system inflammation. <i>Journal of Immunology</i> , 2010 , 184, 1536-42	5.3	84
395	Muscle fibers in inflammatory myopathies and cultured myoblasts express the nonclassical major histocompatibility antigen HLA-G. <i>Annals of Neurology</i> , 2000 , 48, 679-684	9.4	84
394	CNS inflammation and neuronal degeneration is aggravated by impaired CD200-CD200R-mediated macrophage silencing. <i>Journal of Neuroimmunology</i> , 2008 , 194, 62-9	3.5	82
393	Guidance for the management of myasthenia gravis (MG) and Lambert-Eaton myasthenic syndrome (LEMS) during the COVID-19 pandemic. <i>Journal of the Neurological Sciences</i> , 2020 , 412, 116803	3.2	81
392	TASK1 modulates inflammation and neurodegeneration in autoimmune inflammation of the central nervous system. <i>Brain</i> , 2009 , 132, 2501-16	11.2	81
391	TWIK-related acid-sensitive K ⁺ channel 1 (TASK1) and TASK3 critically influence T lymphocyte effector functions. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14559-70	5.4	80
390	Natalizumab-associated PML: Challenges with incidence, resulting risk, and risk stratification. <i>Neurology</i> , 2017 , 88, 1197-1205	6.5	79
389	Myelin oligodendrocyte glycoprotein (MOG35-55) induced experimental autoimmune encephalomyelitis (EAE) in C57BL/6 mice. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	79
388	Anti-JC virus antibody prevalence in a multinational multiple sclerosis cohort. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1533-8	5	79
387	Optimizing therapy early in multiple sclerosis: An evidence-based view. <i>Multiple Sclerosis and Related Disorders</i> , 2015 , 4, 460-469	4	77
386	Blood coagulation factor XII drives adaptive immunity during neuroinflammation via CD87-mediated modulation of dendritic cells. <i>Nature Communications</i> , 2016 , 7, 11626	17.4	77
385	Detrimental contribution of the immuno-inhibitor B7-H1 to rabies virus encephalitis. <i>Journal of Immunology</i> , 2008 , 180, 7506-15	5.3	76
384	The non-classical MHC molecule HLA-G protects human muscle cells from immune-mediated lysis: implications for myoblast transplantation and gene therapy. <i>Brain</i> , 2003 , 126, 176-85	11.2	76

383	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. <i>Science Advances</i> , 2016 , 2, e1501678	14.3	75
382	Endothelial Basement Membrane Laminin 511 Contributes to Endothelial Junctional Tightness and Thereby Inhibits Leukocyte Transmigration. <i>Cell Reports</i> , 2017 , 18, 1256-1269	10.6	74
381	The Coagulation Factors Fibrinogen, Thrombin, and Factor XII in Inflammatory Disorders-A Systematic Review. <i>Frontiers in Immunology</i> , 2018 , 9, 1731	8.4	73
380	Neurons as targets for T cells in the nervous system. <i>Trends in Neurosciences</i> , 2013 , 36, 315-24	13.3	73
379	Expression of toll-like receptors by human muscle cells in vitro and in vivo: TLR3 is highly expressed in inflammatory and HIV myopathies, mediates IL-8 release and up-regulation of NKG2D-ligands. <i>FASEB Journal</i> , 2006 , 20, 118-20	0.9	73
378	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , 2018 , 175, 1679-1687.e72	16.2	72
377	Cytotoxic CD8+ T cell-neuron interactions: perforin-dependent electrical silencing precedes but is not causally linked to neuronal cell death. <i>Journal of Neuroscience</i> , 2009 , 29, 15397-409	6.6	69
376	Imaging matrix metalloproteinase activity in multiple sclerosis as a specific marker of leukocyte penetration of the blood-brain barrier. <i>Science Translational Medicine</i> , 2016 , 8, 364ra152	17.5	68
375	Fingolimod treatment promotes regulatory phenotype and function of B cells. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 119-30	5.3	68
374	A beta-lactam antibiotic dampens excitotoxic inflammatory CNS damage in a mouse model of multiple sclerosis. <i>PLoS ONE</i> , 2008 , 3, e3149	3.7	68
373	Blocking of β 1 integrin does not protect from acute ischemic stroke in mice. <i>Stroke</i> , 2014 , 45, 1799-806	6.7	66
372	Targeting Ewing sarcoma with activated and GD2-specific chimeric antigen receptor-engineered human NK cells induces upregulation of immune-inhibitory HLA-G. <i>Oncotarget</i> , 2017 , 8, e1250050	7.2	65
371	NMDAR encephalitis: passive transfer from man to mouse by a recombinant antibody. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 768-783	5.3	65
370	Modulation of IL-2R β with daclizumab for treatment of multiple sclerosis. <i>Nature Reviews Neurology</i> , 2013 , 9, 394-404	15	65
369	Collateral bystander damage by myelin-directed CD8+ T cells causes axonal loss. <i>American Journal of Pathology</i> , 2009 , 175, 1160-6	5.8	65
368	The role of dendritic cells in CNS autoimmunity. <i>Journal of Molecular Medicine</i> , 2010 , 88, 535-44	5.5	65
367	Blockade of the kinin receptor B1 protects from autoimmune CNS disease by reducing leukocyte trafficking. <i>Journal of Autoimmunity</i> , 2011 , 36, 106-14	15.5	64
366	T cell suppression by naturally occurring HLA-G-expressing regulatory CD4+ T cells is IL-10-dependent and reversible. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 273-81	6.5	64

365	CD8(+) T-cell pathogenicity in Rasmussen encephalitis elucidated by large-scale T-cell receptor sequencing. <i>Nature Communications</i> , 2016 , 7, 11153	17.4	64
364	Alemtuzumab treatment alters circulating innate immune cells in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e289	9.1	62
363	Intracerebral dendritic cells critically modulate encephalitogenic versus regulatory immune responses in the CNS. <i>Journal of Neuroscience</i> , 2009 , 29, 140-52	6.6	61
362	Monocyte-derived HLA-G acts as a strong inhibitor of autologous CD4 T cell activation and is upregulated by interferon-beta in vitro and in vivo: rationale for the therapy of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2005 , 159, 155-64	3.5	61
361	CD8+ T cells and neuronal damage: direct and collateral mechanisms of cytotoxicity and impaired electrical excitability. <i>FASEB Journal</i> , 2009 , 23, 3659-73	0.9	60
360	Specific central nervous system recruitment of HLA-G(+) regulatory T cells in multiple sclerosis. <i>Annals of Neurology</i> , 2009 , 66, 171-83	9.4	60
359	B7-H1 restricts neuroantigen-specific T cell responses and confines inflammatory CNS damage: implications for the lesion pathogenesis of multiple sclerosis. <i>European Journal of Immunology</i> , 2008 , 38, 1734-44	6.1	60
358	Programmed cell death-1 deficiency exacerbates T cell activation and atherogenesis despite expansion of regulatory T cells in atherosclerosis-prone mice. <i>PLoS ONE</i> , 2014 , 9, e93280	3.7	59
357	From the background to the spotlight: TASK channels in pathological conditions. <i>Brain Pathology</i> , 2010 , 20, 999-1009	6	59
356	Immunoabsorption therapy in autoimmune encephalitides. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e207	9.1	58
355	Regulatory Functions of Natural Killer Cells in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2016 , 7, 606	8.4	58
354	PML risk stratification using anti-JCV antibody index and L-selectin. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1048-60	5	57
353	Teriflunomide treatment for multiple sclerosis modulates T cell mitochondrial respiration with affinity-dependent effects. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	56
352	Immune mechanisms of stroke. <i>Current Opinion in Neurology</i> , 2012 , 25, 334-40	7.1	56
351	Multiple sclerosis therapeutics: unexpected outcomes clouding undisputed successes. <i>Neurology</i> , 2009 , 72, 1008-15	6.5	56
350	The contribution of TWIK-related acid-sensitive K ⁺ -containing channels to the function of dorsal lateral geniculate thalamocortical relay neurons. <i>Molecular Pharmacology</i> , 2006 , 69, 1468-76	4.3	56
349	Multiple sclerosis: Mitoxantrone promotes differential effects on immunocompetent cells in vitro. <i>Journal of Neuroimmunology</i> , 2005 , 168, 128-37	3.5	56
348	Computed tomography-based quantification of lesion water uptake identifies patients within 4.5 hours of stroke onset: A multicenter observational study. <i>Annals of Neurology</i> , 2016 , 80, 924-934	9.4	55

347	Rasmussen encephalitis treated with natalizumab. <i>Neurology</i> , 2013 , 81, 395-7	6.5	54
346	Current status on B-cell depletion therapy in autoimmune diseases other than rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2009 , 9, 82-9	13.6	54
345	CD28 superagonist-mediated boost of regulatory T cells increases thrombo-inflammation and ischemic neurodegeneration during the acute phase of experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 6-10	7.3	53
344	Therapy with natalizumab is associated with high JCV seroconversion and rising JCV index values. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e195	9.1	52
343	Immune mechanisms of new therapeutic strategies in multiple sclerosis-A focus on alemtuzumab. <i>Clinical Immunology</i> , 2012 , 142, 25-30	9	52
342	An imbalance of two functionally and phenotypically different subsets of plasmacytoid dendritic cells characterizes the dysfunctional immune regulation in multiple sclerosis. <i>Journal of Immunology</i> , 2010 , 184, 5368-74	5.3	52
341	Upregulation of K2P5.1 potassium channels in multiple sclerosis. <i>Annals of Neurology</i> , 2010 , 68, 58-69	9.4	51
340	TRPM2 cation channels modulate T cell effector functions and contribute to autoimmune CNS inflammation. <i>PLoS ONE</i> , 2012 , 7, e47617	3.7	51
339	Neurological Manifestations of COVID-19 Feature T Cell Exhaustion and Dedifferentiated Monocytes in Cerebrospinal Fluid. <i>Immunity</i> , 2021 , 54, 164-175.e6	32.3	51
338	A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , 2019 , 138, 237-250	14.3	50
337	Risks and risk management in modern multiple sclerosis immunotherapeutic treatment. <i>Therapeutic Advances in Neurological Disorders</i> , 2019 , 12, 1756286419836571	6.6	50
336	Distinct cognitive impairments in different disease courses of multiple sclerosis-A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 83, 568-578	9	50
335	WHO grade associated downregulation of MHC class I antigen-processing machinery components in human astrocytomas: does it reflect a potential immune escape mechanism?. <i>Acta Neuropathologica</i> , 2007 , 114, 111-9	14.3	50
334	Targeting B cells in relapsing-remitting multiple sclerosis: from pathophysiology to optimal clinical management. <i>Therapeutic Advances in Neurological Disorders</i> , 2017 , 10, 51-66	6.6	49
333	Immune Cell Activation in the Cerebrospinal Fluid of Patients With Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018 , 9, 1081	4.1	48
332	Regulatory T cells exhibit enhanced migratory characteristics, a feature impaired in patients with multiple sclerosis. <i>European Journal of Immunology</i> , 2010 , 40, 3581-90	6.1	47
331	CD8 T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. <i>Nature Communications</i> , 2019 , 10, 5779	17.4	46
330	Expression of antigen processing and presenting molecules by Schwann cells in inflammatory neuropathies. <i>Glia</i> , 2010 , 58, 80-92	9	45

329	COVID-19-associated risks and effects in myasthenia gravis (CARE-MG). <i>Lancet Neurology, The</i> , 2020 , 19, 970-971	24.1	45
328	Nur77 serves as a molecular brake of the metabolic switch during T cell activation to restrict autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8017-E8026	11.5	44
327	The neuroprotective impact of the leak potassium channel TASK1 on stroke development in mice. <i>Neurobiology of Disease</i> , 2009 , 33, 1-11	7.5	44
326	FOXP3+ T regulatory cells in idiopathic inflammatory myopathies. <i>Journal of Neuroimmunology</i> , 2010 , 225, 137-42	3.5	44
325	Immune-refractory cancers and their little helpers--an extended role for immunetolerogenic MHC molecules HLA-G and HLA-E?. <i>Seminars in Cancer Biology</i> , 2007 , 17, 459-68	12.7	44
324	Immune reconstitution therapies: concepts for durable remission in multiple sclerosis. <i>Nature Reviews Neurology</i> , 2020 , 16, 56-62	15	43
323	Greater sensitivity to multiple sclerosis disability worsening and progression events using a roving versus a fixed reference value in a prospective cohort study. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 963-973 ⁵		42
322	Comparative efficacy of switching to natalizumab in active multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 373-87	5.3	42
321	Licensing of myeloid cells promotes central nervous system autoimmunity and is controlled by peroxisome proliferator-activated receptor α . <i>Brain</i> , 2012 , 135, 1586-605	11.2	42
320	Multiple sclerosis: reprogramming the immune repertoire with alemtuzumab in MS. <i>Nature Reviews Neurology</i> , 2013 , 9, 125-6	15	42
319	Randomized study of teriflunomide effects on immune responses to neoantigen and recall antigens. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015 , 2, e70	9.1	41
318	Human CD4+ HLA-G+ regulatory T cells are potent suppressors of graft-versus-host disease in vivo. <i>FASEB Journal</i> , 2014 , 28, 3435-45	0.9	41
317	Effects of natalizumab treatment on Foxp3+ T regulatory cells. <i>PLoS ONE</i> , 2008 , 3, e3319	3.7	41
316	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018 , 5, e446	9.1	40
315	Fine-tuning of regulatory T cell function: the role of calcium signals and naive regulatory T cells for regulatory T cell deficiency in multiple sclerosis. <i>Journal of Immunology</i> , 2013 , 190, 4965-70	5.3	40
314	Antigen processing and presentation in human muscle: cathepsin S is critical for MHC class II expression and upregulated in inflammatory myopathies. <i>Journal of Neuroimmunology</i> , 2003 , 138, 132-43 ⁵	3.5	40
313	Long-term safety and effectiveness of natalizumab treatment in clinical practice: 10 years of real-world data from the Tysabri Observational Program (TOP). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 660-668	5.5	39
312	Postpartum-activation of multiple sclerosis is associated with down-regulation of tolerogenic HLA-G. <i>Journal of Neuroimmunology</i> , 2007 , 187, 205-11	3.5	39

311	Primary angiitis of the central nervous system: diagnosis and treatment. <i>Therapeutic Advances in Neurological Disorders</i> , 2018 , 11, 1756286418785071	6.6	38
310	The role of leukemia-derived B7-H1 (PD-L1) in tumor-T-cell interactions in humans. <i>Experimental Hematology</i> , 2006 , 34, 888-94	3.1	38
309	An autoreactive gamma delta TCR derived from a polymyositis lesion. <i>Journal of Immunology</i> , 2002 , 169, 515-21	5.3	38
308	Why Most Acute Stroke Studies Are Positive in Animals but Not in Patients: A Systematic Comparison of Preclinical, Early Phase, and Phase 3 Clinical Trials of Neuroprotective Agents. <i>Annals of Neurology</i> , 2020 , 87, 40-51	9.4	38
307	Therapeutic uses of anti- α -4-integrin (anti-VLA-4) antibodies in multiple sclerosis. <i>International Immunology</i> , 2015 , 27, 47-53	4.9	37
306	Neurological immunotherapy in the era of COVID-19 - looking for consensus in the literature. <i>Nature Reviews Neurology</i> , 2020 , 16, 493-505	15	37
305	Early silent microstructural degeneration and atrophy of the thalamocortical network in multiple sclerosis. <i>Human Brain Mapping</i> , 2016 , 37, 1866-79	5.9	37
304	Paraneoplastic and non-paraneoplastic autoimmunity to neurons in the central nervous system. <i>Journal of Neurology</i> , 2013 , 260, 1215-33	5.5	36
303	Pharmacological treatment of early multiple sclerosis. <i>Drugs</i> , 2008 , 68, 73-83	12.1	36
302	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
301	Immunological and clinical consequences of treating a patient with natalizumab. <i>Multiple Sclerosis Journal</i> , 2012 , 18, 335-44	5	35
300	Tolerogenic dendritic cell-based treatment for multiple sclerosis (MS): a harmonised study protocol for two phase I clinical trials comparing intradermal and intranodal cell administration. <i>BMJ Open</i> , 2019 , 9, e030309	3	35
299	Transcriptional Repressor HIC1 Contributes to Suppressive Function of Human Induced Regulatory T Cells. <i>Cell Reports</i> , 2018 , 22, 2094-2106	10.6	34
298	Immunophenotyping of cerebrospinal fluid cells in multiple sclerosis: in search of biomarkers. <i>JAMA Neurology</i> , 2014 , 71, 905-12	17.2	34
297	The role of CD8 suppressors versus destructors in autoimmune central nervous system inflammation. <i>Human Immunology</i> , 2008 , 69, 797-804	2.3	34
296	Hide-and-seek in the brain: a role for HLA-G mediating immune privilege for glioma cells. <i>Seminars in Cancer Biology</i> , 2003 , 13, 343-51	12.7	34
295	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
294	Guidelines on dermatomyositis--excerpt from the interdisciplinary S2k guidelines on myositis syndromes by the German Society of Neurology. <i>JDDG - Journal of the German Society of Dermatology</i> , 2016 , 14, 321-38	1.2	33

293	Benefit-Risk Profile of Sphingosine-1-Phosphate Receptor Modulators in Relapsing and Secondary Progressive Multiple Sclerosis. <i>Drugs</i> , 2017 , 77, 1755-1768	12.1	33
292	Effects of blood transportation on human peripheral mononuclear cell yield, phenotype and function: implications for immune cell biobanking. <i>PLoS ONE</i> , 2014 , 9, e115920	3.7	33
291	The TASK1 channel inhibitor A293 shows efficacy in a mouse model of multiple sclerosis. <i>Experimental Neurology</i> , 2012 , 238, 149-55	5.7	32
290	Evidence of a pathogenic role for CD8(+) T cells in anti-GABAB receptor limbic encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e232	9.1	32
289	Targeting Different Monocyte/Macrophage Subsets Has No Impact on Outcome in Experimental Stroke. <i>Stroke</i> , 2017 , 48, 1061-1069	6.7	31
288	Skeletal muscle cells actively shape (auto)immune responses. <i>Autoimmunity Reviews</i> , 2018 , 17, 518-529	13.6	31
287	Volume regulation of murine T lymphocytes relies on voltage-dependent and two-pore domain potassium channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2036-44	3.8	31
286	The cell-specific expression of metalloproteinase-disintegrins (ADAMs) in inflammatory myopathies. <i>Neurobiology of Disease</i> , 2007 , 25, 665-74	7.5	31
285	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	5.5	30
284	Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. <i>EBioMedicine</i> , 2020 , 56, 102807	8.8	30
283	Melanocortin-1 receptor activation is neuroprotective in mouse models of neuroinflammatory disease. <i>Science Translational Medicine</i> , 2016 , 8, 362ra146	17.5	30
282	Accelerated course of experimental autoimmune encephalomyelitis in PD-1-deficient central nervous system myelin mutants. <i>American Journal of Pathology</i> , 2009 , 174, 2290-9	5.8	30
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