Roland Martin

List of Publications by Year
in descending order

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323 papers	31,119 citations	5782 84 h-index	5873 166 g-index
336 all docs	336 docs citations	336 times ranked	28323 citing authors

#	Article	IF	Citations
1	Differential Expression of Serum Extracellular Vesicle miRNAs in Multiple Sclerosis: Disease-Stage Specificity and Relevance to Pathophysiology. International Journal of Molecular Sciences, 2022, 23, 1664.	1.8	11
2	Characterization of Antigen-Induced CD4+ T-Cell Senescence in Multiple Sclerosis. Frontiers in Neurology, 2022, 13, 790884.	1.1	6
3	Haematopoietic stem cell transplantation for severe autoimmune diseases in children: A review of current literature, registry activity and future directions on behalf of the autoimmune diseases and paediatric diseases working parties of the European Society for Blood and Marrow Transplantation. British Journal of Haematology, 2022, 198, 24-45.	1.2	3
4	Identification of four novel T cell autoantigens and personal autoreactive profiles in multiple sclerosis. Science Advances, 2022, 8, eabn1823.	4.7	17
5	Attenuated immune control of Epsteinâ€“Barr virus in humanized mice is associated with the multiple sclerosis risk factor HLAâ€ÐR15. European Journal of Immunology, 2021, 51, 64-75.	1.6	53
6	Altered CSF Albumin Quotient Links Peripheral Inflammation and Brain Damage in MS. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	15
7	Antigen-Specific Immune Tolerance in Multiple Sclerosisâ€”Promising Approaches and How to Bring Them to Patients. Frontiers in Immunology, 2021, 12, 640935.	2.2	20
8	Autologous hematopoietic stem cell transplantation in multiple sclerosis: a global approval and availability review. Bone Marrow Transplantation, 2021, 56, 1754-1756.	1.3	2
9	HLA Ligand Atlas: a benign reference of HLA-presented peptides to improve T-cell-based cancer immunotherapy. , 2021, 9, e002071.		126
10	Prediction of combination therapies based on topological modeling of the immune signaling network in multiple sclerosis. Genome Medicine, 2021, 13, 117.	3.6	10
11	Multiple sclerosis: doubling down on MHC. Trends in Genetics, 2021, 37, 784-797.	2.9	23
12	T-Cell Specificity Influences Disease Heterogeneity in Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	3.1	18
13	Mechanistic and Biomarker Studies to Demonstrate Immune Tolerance in Multiple Sclerosis. Frontiers in Immunology, 2021, 12, 787498.	2.2	5
14	NK Cells and Innate-Like T Cells After Autologous Hematopoietic Stem Cell Transplantation in Multiple Sclerosis. Frontiers in Immunology, 2021, 12, 794077.	2.2	7
15	Autologous haematopoietic stem cell transplantation and other cellular therapy in multiple sclerosis and immune-mediated neurological diseases: updated guidelines and recommendations from the EBMT Autoimmune Diseases Working Party (ADWP) and the Joint Accreditation Committee of EBMT and ISCT (JACIE). Bone Marrow Transplantation, 2020, 55, 283-306.	1.3	128
16	The 3A6â€TCR/superagonist/HLAâ€ÐR2a complex shows similar interface and reduced flexibility compared to the complex with selfâ€peptide. Proteins: Structure, Function and Bioinformatics, 2020, 88, 31-46.	1.5	0
17	HLA-DR15 Molecules Jointly Shape an Autoreactive T Cell Repertoire in Multiple Sclerosis. Cell, 2020, 183, 1264-1281.e20.	13.5	133
18	Neurological manifestations of coronavirus infections â€“ a systematic review. Annals of Clinical and Translational Neurology, 2020, 7, 2057-2071.	1.7	59

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19	Increased HLA-DR expression and cortical demyelination in MS links with HLA-DR15. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	24
20	Human CD4+ T cell subsets differ in their abilities to cross endothelial and epithelial brain barriers in vitro. Fluids and Barriers of the CNS, 2020, 17, 3.	2.4	64
21	When a T cell engages a B cell: novel insights in multiple sclerosis. Swiss Medical Weekly, 2020, 150, w20330.	0.8	1
22	In search of cerebrospinal fluid biomarkers of fatigue in multiple sclerosis: A proteomics study. Journal of Sleep Research, 2019, 28, e12721.	1.7	4
23	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. Science, 2019, 365, .	6.0	710
24	MAPK pathway and B cells overactivation in multiple sclerosis revealed by phosphoproteomics and genomic analysis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9671-9676.	3.3	42
25	Specific aspects of immunotherapy for multiple sclerosis in Switzerland: A structured commentary. Clinical and Translational Neuroscience, 2019, 3, 2514183X1882207.	0.4	5
26	Brain Citrullination Patterns and T Cell Reactivity of Cerebrospinal Fluid-Derived CD4+ T Cells in Multiple Sclerosis. Frontiers in Immunology, 2019, 10, 540.	2.2	31
27	Tocilizumab treatment in severe recurrent anti-MOG-associated optic neuritis. Neurology, 2019, 92, 765-767.	1.5	30
28	Effects of natalizumab therapy on intrathecal antiviral antibody responses in MS. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e621.	3.1	13
29	Is multiple sclerosis progression associated with the HLA-DR15 haplotype?. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2019, 5, 205521731989461.	0.5	5
30	Understanding risk of PML through multiple sclerosis. Lancet Neurology, The, 2018, 17, 391-392.	4.9	4
31	Phenotypic and functional complexity of brain-infiltrating T cells in Rasmussen encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e419.	3.1	34
32	A standardised frankincense extract reduces disease activity in relapsing-remitting multiple sclerosis (the SABA phase IIa trial). Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 330-338.	0.9	23
33	GDP- <scp>l</scp> -fucose synthase is a CD4 ⁺ T cellâ€“specific autoantigen in DRB3*02:02 patients with multiple sclerosis. Science Translational Medicine, 2018, 10, .	5.8	71
34	Targeting fibrin in neurodegeneration. Nature Immunology, 2018, 19, 1149-1150.	7.0	4
35	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. Cell, 2018, 175, 1679-1687.e7.	13.5	115
36	Memory B Cells Activate Brain-Homing, Autoreactive CD4+ T Cells in Multiple Sclerosis. Cell, 2018, 175, 85-100.e23.	13.5	350

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37	Detailed Characterization of T Cell Receptor Repertoires in Multiple Sclerosis Brain Lesions. Frontiers in Immunology, 2018, 9, 509.	2.2	24
38	Nogo-A Antibodies for Progressive Multiple Sclerosis. CNS Drugs, 2017, 31, 187-198.	2.7	31
39	Autologous haematopoietic stem cell transplantation for treatment of multiple sclerosis. Nature Reviews Neurology, 2017, 13, 391-405.	4.9	207
40	Nogo-A antibodies enhance axonal repair and remyelination in neuro-inflammatory and demyelinating pathology. Acta Neuropathologica, 2017, 134, 423-440.	3.9	39
41	Dynamics and heterogeneity of brain damage in multiple sclerosis. PLoS Computational Biology, 2017, 13, e1005757.	1.5	33
42	Cystatin F is a biomarker of prion pathogenesis in mice. PLoS ONE, 2017, 12, e0171923.	1.1	20
43	Prevention and therapy of JC polyomavirus-mediated progressive multifocal leukoencephalopathy â€“ a realistic possibility?. Swiss Medical Weekly, 2017, 147, w14520.	0.8	1
44	Mechanisms of immune escape in central nervous system infection with neurotropic <scp>JC</scp> virus variant. Annals of Neurology, 2016, 79, 404-418.	2.8	40
45	Immunology of Multiple Sclerosis. Seminars in Neurology, 2016, 36, 115-127.	0.5	177
46	Restoring immune tolerance in neuromyelitis optica. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e277.	3.1	39
47	Restoring immune tolerance in neuromyelitis optica. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e276.	3.1	35
48	Current multiple sclerosis treatments have improved our understanding of MS autoimmune pathogenesis. European Journal of Immunology, 2016, 46, 2078-2090.	1.6	101
49	Mesenchymal Stromal/Stem Cells Do Not Ameliorate Experimental Autoimmune Encephalomyelitis and Are Not Detectable in the Central Nervous System of Transplanted Mice. Stem Cells and Development, 2016, 25, 1134-1148.	1.1	17
50	Short-term MRI measurements as predictors of EDSS progression in relapsing-remitting multiple sclerosis: grey matter atrophy but not lesions are predictive in a real-life setting. PeerJ, 2016, 4, e2442.	0.9	14
51	Central role of Th2/Tc2 lymphocytes in pattern <scp>II</scp> multiple sclerosis lesions. Annals of Clinical and Translational Neurology, 2015, 2, 875-893.	1.7	45
52	Reactivation of herpesvirus under fingolimod: A case of severe herpes simplex encephalitis. Neurology, 2015, 84, 2377-2378.	1.5	49
53	Pathophysiologisch ansetzende Therapie. , 2015, , 267-359.		0
54	Exploring the origins of grey matter damage in multiple sclerosis. Nature Reviews Neuroscience, 2015, 16, 147-158.	4.9	317

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55	Whole Genome Sequencing Reveals a Chromosome 9p Deletion Causing DOCK8 Deficiency in an Adult Diagnosed with Hyper IgE Syndrome Who Developed Progressive Multifocal Leukoencephalopathy. Journal of Clinical Immunology, 2015, 35, 92-96.	2.0	16
56	Immunology of progressive multifocal leukoencephalopathy. Journal of NeuroVirology, 2015, 21, 614-622.	1.0	36
57	Antibody responses following induction of antigen-specific tolerance with antigen-coupled cells. Multiple Sclerosis Journal, 2015, 21, 651-655.	1.4	9
58	JC polyomavirus mutants escape antibody-mediated neutralization. Science Translational Medicine, 2015, 7, 306ra151.	5.8	64
59	Broadly neutralizing human monoclonal JC polyomavirus VP1â€“specific antibodies as candidate therapeutics for progressive multifocal leukoencephalopathy. Science Translational Medicine, 2015, 7, 306ra150.	5.8	38
60	Signaling networks in MS: A systems-based approach to developing new pharmacological therapies. Multiple Sclerosis Journal, 2015, 21, 138-146.	1.4	24
61	The Orally Available, Synthetic Ether Lipid Edelfosine Inhibits T Cell Proliferation and Induces a Type I Interferon Response. PLoS ONE, 2014, 9, e91970.	1.1	14
62	A Truncation Variant of the Cation Channel P2RX5 Is Upregulated during T Cell Activation. PLoS ONE, 2014, 9, e104692.	1.1	17
63	Long-term safety and efficacy of natalizumab in relapsing-remitting multiple sclerosis: impact on quality of life. Patient Related Outcome Measures, 2014, 5, 25.	0.7	22
64	Antigen-specific tolerization approaches in multiple sclerosis. Expert Opinion on Investigational Drugs, 2014, 23, 9-20.	1.9	31
65	Sphingosine-1 Phosphate and Central Nervous System. Current Topics in Microbiology and Immunology, 2014, 378, 149-170.	0.7	30
66	Daclizumab (anti-CD25) in multiple sclerosis. Experimental Neurology, 2014, 262, 44-51.	2.0	38
67	Treating Progressive Multifocal Leukoencephalopathy With Interleukin 7 and Vaccination With JC Virus Capsid Protein VP1. Clinical Infectious Diseases, 2014, 59, 1588-1592.	2.9	64
68	A Multiple Sclerosisâ€“Associated Variant of CBLB Links Genetic Risk with Type I IFN Function. Journal of Immunology, 2014, 193, 4439-4447.	0.4	26
69	Up-regulation of inducible heat shock protein-70 expression in multiple sclerosis patients. Autoimmunity, 2014, 47, 127-133.	1.2	17
70	The good and the bad of neuroinflammation in multiple sclerosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 59-87.	1.0	58
71	Immunomodulatory effects of the ether phospholipid edelfosine in experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2014, 274, 111-124.	1.1	9
72	A molecular view of multiple sclerosis and experimental autoimmune encephalitis: What can we learn from the epitope data?. Journal of Neuroimmunology, 2014, 267, 73-85.	1.1	14

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73	Hsp70 Regulates Immune Response in Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2014, 9, e105737.	1.1	38
74	Autologous Hematopoietic Stem Cell Transplantation as a Treatment Option for Aggressive Multiple Sclerosis. Current Treatment Options in Neurology, 2013, 15, 270-280.	0.7	26
75	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. Nature Genetics, 2013, 45, 1353-1360.	9.4	1,213
76	HLA-DR15-derived self-peptides are involved in increased autologous T cell proliferation in multiple sclerosis. Brain, 2013, 136, 1783-1798.	3.7	40
77	IL7RA haplotype-associated alterations in cellular immune function and gene expression patterns in multiple sclerosis. Genes and Immunity, 2013, 14, 453-461.	2.2	24
78	Gender differences in circulating levels of neutrophil extracellular traps in serum of multiple sclerosis patients. Journal of Neuroimmunology, 2013, 261, 108-119.	1.1	60
79	JC virus granule cell neuronopathy and GCNâ€“IRIS under natalizumab treatment. Annals of Neurology, 2013, 74, 622-626.	2.8	41
80	Loss of retinal nerve fibre layer axons indicates white but not grey matter damage in early multiple sclerosis. European Journal of Neurology, 2013, 20, 803-811.	1.7	53
81	Effects of Natalizumab Treatment on the Cerebrospinal Fluid Proteome of Multiple Sclerosis Patients. Journal of Proteome Research, 2013, 12, 1101-1107.	1.8	45
82	Antigen-Specific Tolerance by Autologous Myelin Peptideâ€“Coupled Cells: A Phase 1 Trial in Multiple Sclerosis. Science Translational Medicine, 2013, 5, 188ra75.	5.8	262
83	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.	2.6	164
84	Non-myeloablative autologous haematopoietic stem cell transplantation expands regulatory cells and depletes IL-17 producing mucosal-associated invariant T cells in multiple sclerosis. Brain, 2013, 136, 2888-2903.	3.7	174
85	T Cell Epitope Mapping of JC Polyoma Virus-Encoded Proteome Reveals Reduced T Cell Responses in HLA-DRB1*04:01 ⁺ Donors. Journal of Virology, 2013, 87, 3393-3408.	1.5	20
86	Peptide Recognition by T Cells. , 2013, , 697-704.		0
87	A prospective, randomized, controlled trial of autologous haematopoietic stem cell transplantation for aggressive multiple sclerosis: a position paper. Multiple Sclerosis Journal, 2012, 18, 825-834.	1.4	89
88	Sustained Efficacy of Natalizumab in the Treatment of Relapsing-Remitting Multiple Sclerosis Independent of Disease Activity and Disability at Baseline. Clinical Neuropharmacology, 2012, 35, 77-80.	0.2	21
89	Myelin Basic Protein-Specific TCR/HLA-DRB5*01:01 Transgenic Mice Support the Etiologic Role of DRB5*01:01 in Multiple Sclerosis. Journal of Immunology, 2012, 189, 2897-2908.	0.4	46
90	Haematopoietic SCT in severe autoimmune diseases: updated guidelines of the European Group for Blood and Marrow Transplantation. Bone Marrow Transplantation, 2012, 47, 770-790.	1.3	256

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91	TCR Bias and HLA Cross-Restriction Are Strategies of Human Brain-Infiltrating JC Virus-Specific CD4+ T Cells during Viral Infection. Journal of Immunology, 2012, 189, 3618-3630.	0.4	29
92	No proinflammatory signature in CD34+ hematopoietic progenitor cells in multiple sclerosis patients. Multiple Sclerosis Journal, 2012, 18, 1188-1192.	1.4	11
93	Retinal Damage in Multiple Sclerosis Disease Subtypes Measured by High-Resolution Optical Coherence Tomography. Multiple Sclerosis International, 2012, 2012, 1-10.	0.4	111
94	Killer immunoglobulin-like receptor locus polymorphisms in multiple sclerosis. Multiple Sclerosis Journal, 2012, 18, 951-958.	1.4	18
95	Natural triterpenes modulate immuneâ€inflammatory markers of experimental autoimmune encephalomyelitis: therapeutic implications for multiple sclerosis. British Journal of Pharmacology, 2012, 166, 1708-1723.	2.7	62
96	T Lymphocyte Priming by Neutrophil Extracellular Traps Links Innate and Adaptive Immune Responses. Journal of Immunology, 2012, 188, 3150-3159.	0.4	236
97	The OSCAR-IB Consensus Criteria for Retinal OCT Quality Assessment. PLoS ONE, 2012, 7, e34823.	1.1	423
98	Natalizumab treatment perturbs memoryâ€and marginal zoneâ€like Bâ€cell homing in secondary lymphoid organs in multiple sclerosis. European Journal of Immunology, 2012, 42, 790-798.	1.6	95
99	Anti-CD25 (daclizumab) monoclonal antibody therapy in relapsingâ€“remitting multiple sclerosis. Clinical Immunology, 2012, 142, 9-14.	1.4	69
100	Quantitative T2â€² imaging in patients with clinically isolated syndrome. Acta Neurologica Scandinavica, 2012, 126, 357-363.	1.0	2
101	Neutrophils in multiple sclerosis are characterized by a primed phenotype. Journal of Neuroimmunology, 2012, 242, 60-71.	1.1	190
102	Placebo Cohorts in Phase-3 MS Treatment Trials â€“ Predictors for On-Trial Disease Activity 1990-2010 Based on a Meta-Analysis and Individual Case Data. PLoS ONE, 2012, 7, e50347.	1.1	22
103	Central role of JC virus-specific CD4+ lymphocytes in progressive multi-focal leucoencephalopathy-immune reconstitution inflammatory syndrome. Brain, 2011, 134, 2687-2702.	3.7	78
104	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. Nature, 2011, 476, 214-219.	13.7	2,400
105	Nogo-Receptors NgR1 and NgR2 Do Not Mediate Regulation of CD4 T Helper Responses and CNS Repair in Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2011, 6, e26341.	1.1	15
106	Structure of a TCR with high affinity for self-antigen reveals basis for escape from negative selection. EMBO Journal, 2011, 30, 1137-1148.	3.5	68
107	Nogo receptor is involved in the adhesion of dendritic cells to myelin. Journal of Neuroinflammation, 2011, 8, 113.	3.1	20
108	Intrathecal effects of daclizumab treatment of multiple sclerosis. Neurology, 2011, 77, 1877-1886.	1.5	91

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109	Primary retinal pathology in multiple sclerosis as detected by optical coherence tomography. Brain, 2011, 134, e193-e193.	3.7	58
110	Biomarkers in Multiple Sclerosis. Blue Books of Neurology, 2010, , 120-146.	0.1	0
111	Combining positional scanning peptide libraries, HLA-DR transfectants and bioinformatics to dissect the epitope spectrum of HLA class II cross-restricted CD4+ T cell clones. Journal of Immunological Methods, 2010, 353, 93-101.	0.6	10
112	Closing in on an oral treatment. Nature, 2010, 464, 360-361.	13.7	10
113	T-cell clones persisting in the circulation after autologous hematopoietic SCT are undetectable in the peripheral CD34+ selected graft. Bone Marrow Transplantation, 2010, 45, 325-331.	1.3	38
114	New drugs may improve, complicate treatment for multiple sclerosis. Nature Medicine, 2010, 16, 272-272.	15.2	4
115	Gender-Associated Differences of Perforin Polymorphisms in the Susceptibility to Multiple Sclerosis. Journal of Immunology, 2010, 185, 5392-5404.	0.4	27
116	Cerebrospinal fluid chitinase 3-like 1 levels are associated with conversion to multiple sclerosis. Brain, 2010, 133, 1082-1093.	3.7	240
117	Hematopoietic Stem Cell Transplantation for Multiple Sclerosis: Collaboration of the CIBMTR and EBMT to Facilitate International Clinical Studies. Biology of Blood and Marrow Transplantation, 2010, 16, 1076-1083.	2.0	46
118	Treatment with the phosphodiesterase type-4 inhibitor rolipram fails to inhibit bloodâ€"brain barrier disruption in multiple sclerosis. Multiple Sclerosis Journal, 2009, 15, 1206-1214.	1.4	40
119	A type I interferon signature in monocytes is associated with poor response to interferon-Î² in multiple sclerosis. Brain, 2009, 132, 3353-3365.	3.7	186
120	Genome-wide Scan of 500Â000 Single-Nucleotide Polymorphisms Among Responders and Nonresponders to Interferon Beta Therapy in Multiple Sclerosis. Archives of Neurology, 2009, 66, 972-8.	4.9	104
121	Effect of Anti-CD25 Antibody Daclizumab in the Inhibition of Inflammation and Stabilization of Disease Progression in Multiple Sclerosis. Archives of Neurology, 2009, 66, 483-9.	4.9	159
122	T2' imaging indicates decreased tissue metabolism in frontal white matter of MS patients. Multiple Sclerosis Journal, 2009, 15, 701-707.	1.4	13
123	Early anisotropy changes in the corpus callosum of patients with optic neuritis. Neuroradiology, 2008, 50, 549-557.	1.1	18
124	Stem cell transplantation in multiple sclerosis. Journal of Neurology, 2008, 255, 43-47.	1.8	10
125	Degenerate TCR recognition and dual DR2 restriction of autoreactive T cells: Implications for the initiation of the autoimmune response in multiple sclerosis. European Journal of Immunology, 2008, 38, 1297-1309.	1.6	20
126	Community Corner. Nature Medicine, 2008, 14, 491-491.	15.2	2

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127	HLA class I: friend and foe of multiple sclerosis. Nature Medicine, 2008, 14, 1150-1151.	15.2	5
128	Getting specific: monoclonal antibodies in multiple sclerosis. Lancet Neurology, The, 2008, 7, 538-547.	4.9	78
129	Neutralisation of IL12 p40 or IL23 p40 does not block inflammation in multiple sclerosis. Lancet Neurology, The, 2008, 7, 765-766.	4.9	11
130	Antigen-specific therapies in MS â€" Current concepts and novel approaches. Journal of the Neurological Sciences, 2008, 274, 18-22.	0.3	28
131	Distinct and Nonredundant In Vivo Functions of IFNAR on Myeloid Cells Limit Autoimmunity in the Central Nervous System. Immunity, 2008, 28, 675-686.	6.6	352
132	Different Development of Myelin Basic Protein Agonist- and Antagonist-Specific Human TCR Transgenic T Cells in the Thymus and Periphery. Journal of Immunology, 2008, 181, 5462-5472.	0.4	3
133	Humanized Anti-CD25 Antibody Treatment with Daclizumab in Multiple Sclerosis. Neurodegenerative Diseases, 2008, 5, 23-26.	0.8	23
134	EBNA1-specific T cells from patients with multiple sclerosis cross react with myelin antigens and co-produce IFN-Î³ and IL-2. Journal of Experimental Medicine, 2008, 205, 1763-1773.	4.2	244
135	Use of pharmacogenomics in clinical trials for multiple sclerosis. Journal of Neurochemistry, 2008, 81, 81-81.	2.1	0
136	Identification of a Novel Risk Locus for Multiple Sclerosis at 13q31.3 by a Pooled Genome-Wide Scan of 500,000 Single Nucleotide Polymorphisms. PLoS ONE, 2008, 3, e3490.	1.1	99
137	Spotlight on anti-CD25: daclizumab in MS. International MS Journal, 2008, 15, 94-8.	0.3	21
138	TGF-Î²1-Mediated Control of Central Nervous System Inflammation and Autoimmunity through the Inhibitory Receptor CD26. Journal of Immunology, 2007, 178, 4632-4640.	0.4	82
139	Is haematopoietic stem cell transplantation a treatment option for severe MS or not?. Brain, 2007, 130, 1181-1182.	3.7	6
140	Cerebrospinal Fluid-Infiltrating CD4 + T Cells Recognize Borrelia burgdorferi Lysine-Enriched Protein Domains and Central Nervous System Autoantigens in Early Lyme Encephalitis. Infection and Immunity, 2007, 75, 243-251.	1.0	22
141	Disease Progression After Bone Marrow Transplantation in a Model of Multiple Sclerosis Is Associated With Chronic Microglial and Glial Progenitor Response. Journal of Neuropathology and Experimental Neurology, 2007, 66, 637-649.	0.9	34
142	Epstein-Barr Virus: Environmental Trigger of Multiple Sclerosis?. Journal of Virology, 2007, 81, 6777-6784.	1.5	97
143	Multiple sclerosis: a complicated picture of autoimmunity. Nature Immunology, 2007, 8, 913-919.	7.0	896
144	Genomics in multiple sclerosisâ€"Current state and future directions. Journal of Neuroimmunology, 2007, 187, 1-8.	1.1	66

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145	The value of animal models for drug development in multiple sclerosis. Brain, 2006, 129, 1940-1952.	3.7	133
146	Molecular mimicry in multiple sclerosis. Autoimmunity, 2006, 39, 3-8.	1.2	45
147	Biomarkers in Multiple Sclerosis. Disease Markers, 2006, 22, 183-185.	0.6	25
148	When T cells recognize a pattern, they might cause trouble. Current Opinion in Immunology, 2006, 18, 697-703.	2.4	6
149	Infectious causes of multiple sclerosis. Lancet Neurology, The, 2006, 5, 887-894.	4.9	151
150	Clonotypic analysis of cerebrospinal fluid T cells during disease exacerbation and remission in a patient with multiple sclerosis. Journal of Neuroimmunology, 2006, 171, 177-183.	1.1	20
151	Deficient Fas expression by CD4+ CCR5+ T cells in multiple sclerosis. Journal of Neuroimmunology, 2006, 180, 147-158.	1.1	15
152	Redundancy in Antigen-Presenting Function of the HLA-DR and -DQ Molecules in the Multiple Sclerosis-Associated HLA-DR2 Haplotype. Journal of Immunology, 2006, 176, 1951-1961.	0.4	49
153	Increased frequency and broadened specificity of latent EBV nuclear antigen-1-specific T cells in multiple sclerosis. Brain, 2006, 129, 1493-1506.	3.7	204
154	Regulatory CD56bright natural killer cells mediate immunomodulatory effects of IL-2RÂ-targeted therapy (daclizumab) in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5941-5946.	3.3	588
155	Peptides as Targets of T Cell-Mediated Immune Responses. , 2006, , 585-594.		1
156	Structure of a human autoimmune TCR bound to a myelin basic protein self-peptide and a multiple sclerosis-associated MHC class II molecule. EMBO Journal, 2005, 24, 2968-2979.	3.5	171
157	HLA-DRB5*0101 and -DRB1*1501 expression in the multiple sclerosis-associated HLA-DR15 haplotype. Journal of Neuroimmunology, 2005, 167, 108-119.	1.1	67
158	High level of cross-reactivity in influenza virus hemagglutinin-specific CD4+ T-cell response: Implications for the initiation of autoimmune response in multiple sclerosis. Journal of Neuroimmunology, 2005, 169, 31-38.	1.1	50
159	Antigen-Specific Therapies in Multiple Sclerosis. International Reviews of Immunology, 2005, 24, 393-413.	1.5	48
160	Recognition of Conserved Amino Acid Motifs of Common Viruses and Its Role in Autoimmunity. PLoS Pathogens, 2005, 1, e41.	2.1	73
161	Autoantigens act as tissue-specific chemoattractants. Journal of Leukocyte Biology, 2005, 77, 854-861.	1.5	45
162	Contrast-enhanced MRI lesions during treatment with interferonÎ²-1b predict increase in T1 black hole volume in patients with relapsing-remitting multiple sclerosis. Multiple Sclerosis Journal, 2005, 11, 146-148.	1.4	12

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163	Hematopoietic Stem Cell Transplantation for Multiple Sclerosis. Archives of Neurology, 2005, 62, 860-4.	4.9	56
164	Thymic output generates a new and diverse TCR repertoire after autologous stem cell transplantation in multiple sclerosis patients. Journal of Experimental Medicine, 2005, 201, 805-816.	4.2	446
165	MRI as a marker for disease heterogeneity in multiple sclerosis. Neurology, 2005, 65, 1071-1076.	1.5	68
166	Feasibility of Allogeneic Hematopoietic Stem Cell Transplantation for Autoimmune Disease: Position Statement from a National Institute of Allergy and Infectious Diseases and National Cancer Instituteâ€“Sponsored International Workshop, Bethesda, MD, March 12 and 13, 2005. Biology of Blood and Marrow Transplantation, 2005, 11, 862-870.	2.0	56
167	IMMUNOLOGY OF MULTIPLE SCLEROSIS. Annual Review of Immunology, 2005, 23, 683-747.	9.5	1,982
168	Unique Clinical and Pathological Features in HLA-DRB1*0401â€“restricted MBP 111â€“129â€“specific Humanized TCR Transgenic Mice. Journal of Experimental Medicine, 2004, 200, 223-234.	4.2	39
169	Expansion and Functional Relevance of High-Avidity Myelin-Specific CD4+ T Cells in Multiple Sclerosis. Journal of Immunology, 2004, 172, 3893-3904.	0.4	208
170	Limited repertoire of HLA-DRB1*0401-restricted MBP111â€“129-specific T cells in HLA-DRB1*0401 Tg mice and their pathogenic potential. Journal of Neuroimmunology, 2004, 151, 94-102.	1.1	3
171	Magnetic resonance imaging of labeled T-cells in a mouse model of multiple sclerosis. Annals of Neurology, 2004, 55, 654-659.	2.8	155
172	Humanized anti-CD25 (daclizumab) inhibits disease activity in multiple sclerosis patients failing to respond to interferon Â. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8705-8708.	3.3	326
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