Stephen D Miller

List of Publications by Year
in descending order

244 papers	23,044 citations	7251 80 h-index	10955 142 g-index
269 all docs	269 docs citations	269 times ranked	24580 citing authors

#	Article	IF	Citations
1	Microglia Initiate Central Nervous System Innate and Adaptive Immune Responses through Multiple TLRs. Journal of Immunology, 2004, 173, 3916-3924.	0.4	1,054
2	Epitope spreading in immune-mediated diseases: implications for immunotherapy. Nature Reviews Immunology, 2002, 2, 85-95.	10.6	781
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
4	Cutting Edge: CD4+CD25+ Regulatory T Cells Suppress Antigen-Specific Autoreactive Immune Responses and Central Nervous System Inflammation During Active Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2002, 169, 4712-4716.	0.4	687
5	Epitope spreading initiates in the CNS in two mouse models of multiple sclerosis. Nature Medicine, 2005, 11, 335-339.	15.2	608
6	Persistent infection with Theiler's virus leads to CNS autoimmunity via epitope spreading. Nature Medicine, 1997, 3, 1133-1136.	15.2	548
7	CNS myeloid DCs presenting endogenous myelin peptides 'preferentially' polarize CD4+ TH-17 cells in relapsing EAE. Nature Immunology, 2007, 8, 172-180.	7.0	410
8	Antiviral immune responses: triggers of or triggered by autoimmunity?. Nature Reviews Immunology, 2009, 9, 246-258.	10.6	410
9	Microparticles bearing encephalitogenic peptides induce T-cell tolerance and ameliorate experimental autoimmune encephalomyelitis. Nature Biotechnology, 2012, 30, 1217-1224.	9.4	351
10	The experimental autoimmune encephalomyelitis (EAE) model of MS. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 173-189.	1.0	348
11	NLRP3 Plays a Critical Role in the Development of Experimental Autoimmune Encephalomyelitis by Mediating Th1 and Th17 Responses. Journal of Immunology, 2010, 185, 974-981.	0.4	345
12	Drug-based modulation of endogenous stem cells promotes functional remyelination in vivo. Nature, 2015, 522, 216-220.	13.7	336
13	Epitope spreading. Current Opinion in Immunology, 1996, 8, 831-836.	2.4	328
14	Differential activation of astrocytes by innate and adaptive immune stimuli. Glia, 2005, 49, 360-374.	2.5	328
15	Blockade of CD28/B7-1 interaction prevents epitope spreading and clinical relapses of murine EAE. Immunity, 1995, 3, 739-745.	6.6	306
16	Cutting Edge: Anti-CD25 Monoclonal Antibody Injection Results in the Functional Inactivation, Not Depletion, of CD4+CD25+ T Regulatory Cells. Journal of Immunology, 2006, 176, 3301-3305.	0.4	296
17	Therapeutic Inflammatory Monocyte Modulation Using Immune-Modifying Microparticles. Science Translational Medicine, 2014, 6, 219ra7.	5.8	284
18	Astrocytes in multiple sclerosis: A product of their environment. Cellular and Molecular Life Sciences, 2008, 65, 2702-20.	2.4	279

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19	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
20	A Biodegradable Nanoparticle Platform for the Induction of Antigen-Specific Immune Tolerance for Treatment of Autoimmune Disease. ACS Nano, 2014, 8, 2148-2160.	7.3	256
21	Inhibitors of Î³-secretase block in vivo and in vitro T helper type 1 polarization by preventing Notch upregulation of Tbx21. Nature Immunology, 2005, 6, 680-688.	7.0	252
22	Antigen-specific tolerance strategies for the prevention and treatment of autoimmune disease. Nature Reviews Immunology, 2007, 7, 665-677.	10.6	252
23	Virus infection, antiviral immunity, and autoimmunity. Immunological Reviews, 2013, 255, 197-209.	2.8	238
24	Pre-metastatic cancer exosomes induce immune surveillance by patrolling monocytes at the metastatic niche. Nature Communications, 2017, 8, 1319.	5.8	237
25	Induction of active and adoptive relapsing experimental autoimmune encephalomyelitis (EAE) using an encephalitogenic epitope of proteolipid protein. Journal of Neuroimmunology, 1992, 38, 229-240.	1.1	216
26	Experimental Autoimmune Encephalomyelitis in the Mouse. Current Protocols in Immunology, 2007, 77, Unit 15.1.	3.6	213
27	The role of antigen presenting cells in multiple sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 265-274.	1.8	211
28	Development of Spontaneous Autoimmune Peripheral Polyneuropathy in B7-2â€“Deficient Nod Mice. Journal of Experimental Medicine, 2001, 194, 677-684.	4.2	201
29	Mechanisms of immunotherapeutic intervention by anti-CD40L (CD154) antibody in an animal model of multiple sclerosis. Journal of Clinical Investigation, 1999, 103, 281-290.	3.9	199
30	Pathologic Role and Temporal Appearance of Newly Emerging Autoepitopes in Relapsing Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2000, 164, 670-678.	0.4	193
31	Harnessing nanoparticles for immune modulation. Trends in Immunology, 2015, 36, 419-427.	2.9	190
32	Monocytes/macrophages isolated from the mouse central nervous system contain infectious Theiler's murine encephalomyelitis virus (TMEV). Virology, 1990, 176, 244-254.	1.1	186
33	Tolerance Induced by Apoptotic Antigen-Coupled Leukocytes Is Induced by PD-L1+ and IL-10â€“Producing Splenic Macrophages and Maintained by T Regulatory Cells. Journal of Immunology, 2011, 187, 2405-2417.	0.4	182
34	De Novo Central Nervous System Processing of Myelin Antigen Is Required for the Initiation of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2002, 168, 4173-4183.	0.4	176
35	The immunopathogenesis and regulation of T-cell-mediated demyelinating diseases. Trends in Immunology, 1994, 15, 356-361.	7.5	173
36	The integrated stress response prevents demyelination by protecting oligodendrocytes against immune-mediated damage. Journal of Clinical Investigation, 2007, 117, 448-456.	3.9	166

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37	Evolution of the T-Cell Repertoire during the Course of Experimental Immune-Mediated Demyelinating Diseases. Immunological Reviews, 1995, 144, 225-244.	2.8	159
38	The functional significance of epitope spreading and its regulation by co-stimulatory molecules. Immunological Reviews, 1998, 164, 63-72.	2.8	159
39	Mouse Models of Multiple Sclerosis: Experimental Autoimmune Encephalomyelitis and Theilerâ€™s Virus-Induced Demyelinating Disease. Methods in Molecular Biology, 2012, 900, 381-401.	0.4	159
40	Innate and Adaptive Immune Responses of the Central Nervous System. Critical Reviews in Immunology, 2006, 26, 149-188.	1.0	159
41	Direct Activation of Innate and Antigen-Presenting Functions of Microglia following Infection with Theiler's Virus. Journal of Virology, 2001, 75, 9780-9789.	1.5	156
42	A virus-induced molecular mimicry model of multiple sclerosis. Journal of Clinical Investigation, 2001, 108, 311-318.	3.9	155
43	ECDI-fixed allogeneic splenocytes induce donor-specific tolerance for long-term survival of islet transplants via two distinct mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14527-14532.	3.3	151
44	Glial toll-like receptor signaling in central nervous system infection and autoimmunity. Brain, Behavior, and Immunity, 2008, 22, 140-147.	2.0	150
45	Immunotherapy of Type 1 Diabetes: Where Are We and Where Should We Be Going?. Immunity, 2010, 32, 488-499.	6.6	150
46	Cutting Edge: Ligation of the Glucocorticoid-Induced TNF Receptor Enhances Autoreactive CD4+ T Cell Activation and Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2004, 172, 4686-4690.	0.4	146
47	Oligodendrocyte death results in immune-mediated CNS demyelination. Nature Neuroscience, 2016, 19, 65-74.	7.1	145
48	Experimental Autoimmune Encephalomyelitis in the Mouse. Current Protocols in Immunology, 2010, 88, Unit 15.1.	3.6	142
49	A Critical Role for B7/CD28 Costimulation in Experimental Autoimmune Encephalomyelitis: A Comparative Study Using Costimulatory Molecule-Deficient Mice and Monoclonal Antibody Blockade. Journal of Immunology, 2000, 164, 136-143.	0.4	136
50	Treatment with Nonmitogenic Anti-CD3 Monoclonal Antibody Induces CD4+ T Cell Unresponsiveness and Functional Reversal of Established Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2005, 174, 4525-4534.	0.4	136
51	Cutting Edge: Central Nervous System Plasmacytoid Dendritic Cells Regulate the Severity of Relapsing Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2008, 180, 6457-6461.	0.4	132
52	Antigen Presentation in the CNS by Myeloid Dendritic Cells Drives Progression of Relapsing Experimental Autoimmune Encephalomyelitis. Annals of the New York Academy of Sciences, 2007, 1103, 179-191.	1.8	131
53	Immunosuppressive IDO in Cancer: Mechanisms of Action, Animal Models, and Targeting Strategies. Frontiers in Immunology, 2020, 11, 1185.	2.2	131
54	Interferon-Â-Oligodendrocyte Interactions in the Regulation of Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2007, 27, 2013-2024.	1.7	127

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55	Virus-Induced Autoimmunity: Potential Role of Viruses in Initiation, Perpetuation, and Progression of T-Cellâ€“Mediated Autoimmune Disease. Viral Immunology, 2001, 14, 227-250.	0.6	125
56	Class I-deficient resistant mice intracerebrally inoculated with Theiler's virus show an increased T cell response to viral antigens and susceptibility to demyelination. European Journal of Immunology, 1993, 23, 2287-2293.	1.6	123
57	Endogenous presentation of self myelin epitopes by CNS-resident APCs in Theilerâ€™s virusâ€“infected mice. Journal of Clinical Investigation, 1999, 104, 599-610.	3.9	123
58	Temporal Development of Autoreactive Th1 Responses and Endogenous Presentation of Self Myelin Epitopes by Central Nervous System-Resident APCs in Theilerâ€™s Virus-Infected Mice. Journal of Immunology, 2000, 165, 5304-5314.	0.4	117
59	Split tolerance of Thl and Th2 cells in tolerance to Theiler's murine encephalomyelitis virus. European Journal of Immunology, 1993, 23, 46-55.	1.6	115
60	Molecular mechanisms of Tâ€cell receptor and costimulatory molecule ligation/blockade in autoimmune disease therapy. Immunological Reviews, 2009, 229, 337-355.	2.8	115
61	Fas-mediated apoptosis in clinical remissions of relapsing experimental autoimmune encephalomyelitis. Journal of Clinical Investigation, 2000, 105, 223-231.	3.9	115
62	Peripheral Tolerance Induction Using Ethylenecarbodiimide-Fixed APCs Uses both Direct and Indirect Mechanisms of Antigen Presentation for Prevention of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2007, 178, 2212-2220.	0.4	108
63	Microglia are activated to become competent antigen presenting and effector cells in the inflammatory environment of the Theiler's virus model of multiple sclerosis. Journal of Neuroimmunology, 2003, 144, 68-79.	1.1	106
64	PDâ€1 ligands expressed on myeloidâ€derived APC in the CNS regulate Tâ€cell responses in EAE. European Journal of Immunology, 2008, 38, 2706-2717.	1.6	103
65	Potential targeting of B7â€H4 for the treatment of cancer. Immunological Reviews, 2017, 276, 40-51.	2.8	103
66	Mechanisms of Immunopathology in Murine Models of Central Nervous System Demyelinating Disease. Journal of Immunology, 2006, 176, 3293-3298.	0.4	101
67	Two models of multiple sclerosis: Experimental allergic encephalomyelitis (EAE) and theiler's murine encephalomyelitis virus (TMEV) infection. A pathological and immunological comparison. Microscopy Research and Technique, 1995, 32, 215-229.	1.2	98
68	The role of CTLA-4 in induction and maintenance of peripheral T cell tolerance. European Journal of Immunology, 2002, 32, 972-981.	1.6	98
69	Pathogenesis of NOD diabetes is initiated by reactivity to the insulin B chain 9-23 epitope and involves functional epitope spreading. Journal of Autoimmunity, 2012, 39, 347-353.	3.0	97
70	Class II-restricted T cell responses in Theiler's murine encephalomyelitis virus (TMEV)-induced demyelinating disease. II. Survey of host immune responses and central nervous system virus titers in inbred mouse strains. Microbial Pathogenesis, 1987, 3, 327-337.	1.3	96
71	In vivo reprogramming of immune cells: Technologies for induction of antigen-specific tolerance. Advanced Drug Delivery Reviews, 2017, 114, 240-255.	6.6	95
72	Molecular mimicry as an inducing trigger for CNS autoimmune demyelinating disease. Immunological Reviews, 2012, 245, 227-238.	2.8	93

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73	APOBEC-mediated mutagenesis in urothelial carcinoma is associated with improved survival, mutations in DNA damage response genes, and immune response. Oncotarget, 2018, 9, 4537-4548.	0.8	92
74	Differential induction of IgE-mediated anaphylaxis after soluble vs. cell-bound tolerogenic peptide therapy of autoimmune encephalomyelitis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9595-9600.	3.3	89
75	An antigen-encapsulating nanoparticle platform for TH1/17 immune tolerance therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 191-200.	1.7	89
76	CNS dendritic cells: Critical participants in CNS inflammation?. Neurochemistry International, 2006, 49, 195-203.	1.9	88
77	TAK-101 Nanoparticles Induce Gluten-Specific Tolerance in Celiac Disease: A Randomized, Double-Blind, Placebo-Controlled Study. Gastroenterology, 2021, 161, 66-80.e8.	0.6	88
78	A viral epitope that mimics a self antigen can accelerate but not initiate autoimmune diabetes. Journal of Clinical Investigation, 2004, 114, 1290-1298.	3.9	88
79	Pharmaceutical integrated stress response enhancement protects oligodendrocytes and provides a potential multiple sclerosis therapeutic. Nature Communications, 2015, 6, 6532.	5.8	87
80	Tolerogenic Ag-PLG nanoparticles induce tregs to suppress activated diabetogenic CD4 and CD8 T cells. Journal of Autoimmunity, 2018, 89, 112-124.	3.0	87
81	Gliadin Nanoparticles Induce Immune Tolerance to Gliadin in Mouse Models of Celiac Disease. Gastroenterology, 2020, 158, 1667-1681.e12.	0.6	87
82	Multi-peptide coupled-cell tolerance ameliorates ongoing relapsing EAE associated with multiple pathogenic autoreactivities. Journal of Autoimmunity, 2006, 27, 218-231.	3.0	86
83	Anergy in vivo: down-regulation of antigen-specific CD4+ Th1 but not Th2 cytokine responses. International Immunology, 1994, 6, 721-730.	1.8	84
84	Effect of Disease Stage on Clinical Outcome After Syngeneic Bone Marrow Transplantation for Relapsing Experimental Autoimmune Encephalomyelitis. Blood, 1998, 91, 2609-2616.	0.6	84
85	Class II-restricted T cell responses in Theiler's murine encephalomyelitis virus (TMEV)-induced demyelinating disease. Journal of Neuroimmunology, 1990, 26, 9-23.	1.1	81
86	Epitope spreading and molecular mimicry as triggers of autoimmunity in the Theiler's virus-induced demyelinating disease model of multiple sclerosis. Autoimmunity Reviews, 2002, 1, 251-260.	2.5	80
87	Peripherally derived T regulatory and Î³Î´ T cells have opposing roles in the pathogenesis of intractable pediatric epilepsy. Journal of Experimental Medicine, 2018, 215, 1169-1186.	4.2	80
88	Peptide-Conjugated Nanoparticles Reduce Positive Co-stimulatory Expression and T Cell Activity to Induce Tolerance. Molecular Therapy, 2017, 25, 1676-1685.	3.7	79
89	Controlled Delivery of Single or Multiple Antigens in Tolerogenic Nanoparticles Using Peptide-Polymer Bioconjugates. Molecular Therapy, 2017, 25, 1655-1664.	3.7	79
90	Biodegradable antigen-associated PLG nanoparticles tolerize Th2-mediated allergic airway inflammation pre- and postsensitization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5059-5064.	3.3	78

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91	Central nervous system chemokine expression during Theiler's virus-induced demyelinating disease. Journal of NeuroVirology, 1999, 5, 635-642.	1.0	76
92	Immune mechanisms in epileptogenesis. Frontiers in Cellular Neuroscience, 2013, 7, 195.	1.8	76
93	Exploiting Apoptosis for Therapeutic Tolerance Induction. Journal of Immunology, 2013, 191, 5341-5346.	0.4	73
94	A viral epitope that mimics a self antigen can accelerate but not initiate autoimmune diabetes. Journal of Clinical Investigation, 2004, 114, 1290-1298.	3.9	73
95	Antigen-Fixed Leukocytes Tolerize Th2 Responses in Mouse Models of Allergy. Journal of Immunology, 2011, 187, 5090-5098.	0.4	71
96	Î³Î´ T cell subsets play opposing roles in regulating experimental autoimmune encephalomyelitis. Cellular Immunology, 2014, 290, 39-51.	1.4	71
97	IL-17 induced NOTCH1 activation in oligodendrocyte progenitor cells enhances proliferation and inflammatory gene expression. Nature Communications, 2017, 8, 15508.	5.8	71
98	Designing drug-free biodegradable nanoparticles to modulate inflammatory monocytes and neutrophils for ameliorating inflammation. Journal of Controlled Release, 2019, 300, 185-196.	4.8	68
99	Overcoming challenges in treating autoimmuntity: Development of tolerogenic immune-modifying nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 282-291.	1.7	67
100	Immune Tolerance for Autoimmune Disease and Cell Transplantation. Annual Review of Biomedical Engineering, 2016, 18, 181-205.	5.7	66
101	Conjugation of Transforming Growth Factor Beta to Antigen-Loaded Poly(lactide-co-glycolide) Nanoparticles Enhances Efficiency of Antigen-Specific Tolerance. Bioconjugate Chemistry, 2018, 29, 813-823.	1.8	66
102	Distinct roles of protein kinase R and toll-like receptor 3 in the activation of astrocytes by viral stimuli. Glia, 2007, 55, 239-252.	2.5	65
103	Multiple Pathways to Induction of Virus-Induced Autoimmune Demyelination: Lessons from Theiler's Virus Infection. Journal of Autoimmunity, 2001, 16, 219-227.	3.0	64
104	Functional Activation of Myelin-Specific T Cells by Virus-Induced Molecular Mimicry. Journal of Immunology, 2002, 169, 2719-2726.	0.4	63
105	Ethylenecarbodiimide-Fixed Donor Splenocyte Infusions Differentially Target Direct and Indirect Pathways of Allorecognition for Induction of Transplant Tolerance. Journal of Immunology, 2012, 189, 804-812.	0.4	62
106	The Contribution of γδ T Cells to the Pathogenesis of EAE and MS. Current Molecular Medicine, 2009, 9, 15-22.	0.6	60
107	Virus expanded regulatory T cells control disease severity in the Theilerâ€™s virus mouse model of MS. Journal of Autoimmunity, 2011, 36, 142-154.	3.0	59
108	Experimental Autoimmune Encephalomyelitis in Mice. Methods in Molecular Biology, 2014, 1304, 145-160.	0.4	58

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109	Molecular control of monocyte development. Cellular Immunology, 2014, 291, 16-21.	1.4	56
110	High-mobility group box 1 protein (HMGB1) neutralization ameliorates experimental autoimmune encephalomyelitis. Journal of Autoimmunity, 2013, 43, 32-43.	3.0	55
111	Sephin1, which prolongs the integrated stress response, is a promising therapeutic for multiple sclerosis. Brain, 2019, 142, 344-361.	3.7	55
112	Nanocatalytic activity of clean-surfaced, faceted nanocrystalline gold enhances remyelination in animal models of multiple sclerosis. Scientific Reports, 2020, 10, 1936.	1.6	55
113	Virus-induced autoimmunity: Epitope spreading to myelin autoepitopes in theiler's virus infection of the central nervous system. Advances in Virus Research, 2001, 56, 199-217.	0.9	54
114	CTLA-4 downregulates epitope spreading and mediates remission in relapsing experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2000, 109, 173-180.	1.1	53
115	Permanent protection of PLG scaffold transplanted allogeneic islet grafts in diabetic mice treated with ECDI-fixed donor splenocyte infusions. Biomaterials, 2011, 32, 4517-4524.	5.7	53
116	Targeting the GM-CSF receptor for the treatment of CNS autoimmunity. Journal of Autoimmunity, 2017, 84, 1-11.	3.0	53
117	Nanoparticles Containing an Insulinâ€“ChgA Hybrid Peptide Protect from Transfer of Autoimmune Diabetes by Shifting the Balance between Effector T Cells and Regulatory T Cells. Journal of Immunology, 2019, 203, 48-57.	0.4	53
118	CD8-deficient SJL mice display enhanced susceptibility to Theiler's virus infection and increased demyelinating pathology. Journal of NeuroVirology, 2001, 7, 409-420.	1.0	52
119	Targeting the B7/CD28:CTLA-4 costimulatory system in CNS autoimmune disease. Journal of Neuroimmunology, 1998, 89, 10-18.	1.1	49
120	Differential abilities of central nervous system resident endothelial cells and astrocytes to serve as inducible antigen-presenting cells. Blood, 2002, 99, 3692-3701.	0.6	49
121	B7-H4Ig inhibits mouse and human T-cell function and treats EAE via IL-10/Treg-dependent mechanisms. Journal of Autoimmunity, 2013, 44, 71-81.	3.0	49
122	Intravenous immune-modifying nanoparticles as a therapy for spinal cord injury in mice. Neurobiology of Disease, 2017, 108, 73-82.	2.1	48
123	Cytokine control of inflammation and repair in the pathology of multiple sclerosis. Yale Journal of Biology and Medicine, 2012, 85, 447-68.	0.2	48
124	The Theiler's murine encephalomyelitis virus (TMEV) model for multiple sclerosis shows a strong influence of the murine equivalents of HLA-A, B, and C. Journal of Neuroimmunology, 1987, 15, 121-135.	1.1	47
125	CD40/CD40L Interaction is Essential for the Induction of EAE in the Absence of CD28-Mediated Co-stimulation. Journal of Autoimmunity, 2002, 18, 83-94.	3.0	46
126	Viral Delivery of an Epitope fromHaemophilus influenzaeInduces Central Nervous System Autoimmune Disease by Molecular Mimicry. Journal of Immunology, 2005, 174, 907-917.	0.4	46

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127	Tolerance induction using nanoparticles bearing HY peptides in bone marrow transplantation. Biomaterials, 2016, 76, 1-10.	5.7	46
128	Design of biodegradable nanoparticles to modulate phenotypes of antigen-presenting cells for antigen-specific treatment of autoimmune disease. Biomaterials, 2019, 222, 119432.	5.7	46
129	Pre-clinical and Clinical Implications of â€œInside-Outâ€•vs. â€œOutside-Inâ€•Paradigms in Multiple Sclerosis Etiopathogenesis. Frontiers in Cellular Neuroscience, 2020, 14, 599717.	1.8	46
130	Characterization of and Functional Antigen Presentation by Central Nervous System Mononuclear Cells from Mice Infected with Theilerâ€™s Murine Encephalomyelitis Virus. Journal of Virology, 1998, 72, 7762-7771.	1.5	46
131	Antigen-Specific Tolerance in Immunotherapy of Th2-Associated Allergic Diseases. Critical Reviews in Immunology, 2013, 33, 389-414.	1.0	45
132	Characterization of Oligodendroglial Populations in Mouse Demyelinating Disease Using Flow Cytometry: Clues for MS Pathogenesis. PLoS ONE, 2014, 9, e107649.	1.1	45
133	Cutting Edge: MicroRNA-223 Regulates Myeloid Dendritic Cellâ€“Driven Th17 Responses in Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2016, 196, 1455-1459.	0.4	45
134	Antigen-Specific Tolerance as a Therapy for Experimental Autoimmune Encephalomyelitis. International Reviews of Immunology, 1992, 9, 203-222.	1.5	44
135	Treatment with intact anti-B7-1 mAb during disease remission enhances epitope spreading and exacerbates relapses in R-EAE. Journal of Neuroimmunology, 1997, 79, 113-118.	1.1	43
136	Innate and adaptive immune requirements for induction of autoimmune demyelinating disease by molecular mimicry. Molecular Immunology, 2004, 40, 1103-1108.	1.0	43
137	Long-term tolerance of islet allografts in nonhuman primates induced by apoptotic donor leukocytes. Nature Communications, 2019, 10, 3495.	5.8	43
138	TGF-Î²â€“Induced Myelin Peptide-Specific Regulatory T Cells Mediate Antigen-Specific Suppression of Induction of Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2010, 184, 6629-6636.	0.4	42
139	Targeting the B7 Family of Co-Stimulatory Molecules. BioDrugs, 2013, 27, 1-13.	2.2	42
140	Effects of exercise in experimental autoimmune encephalomyelitis (an animal model of multiple) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.1	42
141	Lymphocytes from mice chronically infected with Theilerâ€™s murine encephalomyelitis virus produce demyelination of organotypic cultures after stimulation with the major encephalitogenic epitope of myelin proteolipid protein. Epitope spreading in TMEV infection has functional activity. Journal of Neuroimmunology, 2000, 104, 79-84.	1.1	41
142	Intrinsic and Induced Regulation of the Age-Associated Onset of Spontaneous Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2008, 181, 4638-4647.	0.4	41
143	Initiation and Exacerbation of Autoimmune Demyelination of the Central Nervous System via Virus-Induced Molecular Mimicry: Implications for the Pathogenesis of Multiple Sclerosis. Journal of Virology, 2005, 79, 8581-8590.	1.5	40
144	Pattern of CXCR7 Gene Expression in Mouse Brain Under Normal and Inflammatory Conditions. Journal of NeuroImmune Pharmacology, 2016, 11, 26-35.	2.1	39

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145	Myelin-specific tolerance attenuates the progression of a virus-induced demyelinating disease: implications for the treatment of MS. Journal of Neuroimmunology, 2002, 123, 18-29.	1.1	38
146	Modulating lung immune cells by pulmonary delivery of antigen-specific nanoparticles to treat autoimmune disease. Science Advances, 2020, 6, .	4.7	38
147	Transient anti-CD154-mediated immunotherapy of ongoing relapsing experimental autoimmune encephalomyelitis induces long-term inhibition of disease relapses. Journal of Neuroimmunology, 2002, 129, 58-65.	1.1	37
148	Targeted immunomodulation using antigenâ€conjugated nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2014, 6, 298-315.	3.3	37
149	<scp>IL</scp>â€17<scp>A</scp> activates <scp>ERK</scp>1/2 and enhances differentiation of oligodendrocyte progenitor cells. Glia, 2015, 63, 768-779.	2.5	36
150	Targeting CD38-dependent NAD+ metabolism to mitigate multiple organ fibrosis. IScience, 2021, 24, 101902.	1.9	36
151	Theiler's Virusâ€Mediated Autoimmunity. Annals of the New York Academy of Sciences, 2002, 958, 26-38.	1.8	35
152	Tolerance Strategies Employing Antigen-Coupled Apoptotic Cells and Carboxylated PLG Nanoparticles for the Treatment of Type 1 Diabetes. Review of Diabetic Studies, 2012, 9, 319-327.	0.5	35
153	Prevention of Autoimmune Myocarditis Through the Induction of Antigen-Specific Peripheral Immune Tolerance. Circulation, 2001, 103, 1709-1714.	1.6	34
154	Regulation of Experimental Autoimmune Encephalomyelitis (EAE) by CD4+ CD25+ Regulatory T Cells. Novartis Foundation Symposium, 2008, , 45-54.	1.2	34
155	CNS Expression of B7-H1 Regulates Pro-Inflammatory Cytokine Production and Alters Severity of Theiler's Virus-Induced Demyelinating Disease. PLoS ONE, 2011, 6, e18548.	1.1	34
156	Impaired selectin-dependent leukocyte recruitment induces T-cell exhaustion and prevents chronic allograft vasculopathy and rejection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12145-12150.	3.3	34
157	B7-H4 Modulates Regulatory CD4+ T Cell Induction and Function via Ligation of a Semaphorin 3a/Plexin A4/Neuropilin-1 Complex. Journal of Immunology, 2018, 201, 897-907.	0.4	34
158	Enhanced susceptibility to Theiler's virus-induced demyelinating disease in perforin-deficient mice. Journal of Neuroimmunology, 2001, 116, 125-135.	1.1	32
159	Autoimmune Intervention by CD154 Blockade Prevents T Cell Retention and Effector Function in the Target Organ. Journal of Immunology, 2001, 166, 1547-1553.	0.4	32
160	Interleukin-7 is required for CD4 + T cell activation and autoimmune neuroinflammation. Clinical Immunology, 2015, 161, 260-269.	1.4	32
161	Transient B-Cell Depletion Combined With Apoptotic Donor Splenocytes Induces Xeno-Specific T- and B-Cell Tolerance to Islet Xenografts. Diabetes, 2013, 62, 3143-3150.	0.3	31
162	Mutation of a major histocompatibility class I locus, H-2D, leads to an increased virus burden and disease susceptibility in Theiler's virus-induced demyelinating disease. Journal of NeuroVirology, 1995, 1, 138-144.	1.0	30

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