Abdolmohamad Rostami

List of Publications by Citations

152 papers	7,515 citations	46 h-index	83 g-index
158 ext. papers	8,473 ext. citations	6.1 avg, IF	5.72 L-index

#	Paper	IF	Citations
152	The encephalitogenicity of T(H)17 cells is dependent on IL-1- and IL-23-induced production of the cytokine GM-CSF. *Nature Immunology*, **2011**, 12, 568-75	19.1	775
151	Suppression of autoimmune inflammation of the central nervous system by interleukin 10 secreted by interleukin 27-stimulated T cells. *Nature Immunology*, **2007**, 8, 1372-9	19.1	438
150	IL-12p35-deficient mice are susceptible to experimental autoimmune encephalomyelitis: evidence for redundancy in the IL-12 system in the induction of central nervous system autoimmune demyelination. *Journal of Immunology*, **2002**, 169, 7104-10	5.3	319
149	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E1106-15	11.5	307
148	Induction of experimental autoimmune encephalomyelitis in IL-12 receptor-beta 2-deficient mice: IL-12 responsiveness is not required in the pathogenesis of inflammatory demyelination in the central nervous system. *Journal of Immunology*, **2003**, 170, 2153-60	5.3	258
147	IDO upregulates regulatory T cells via tryptophan catabolite and suppresses encephalitogenic T cell responses in experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2010**, 185, 5953-61	5.3	238
146	Suppressive effect of IL-27 on encephalitogenic Th17 cells and the effector phase of experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2007**, 179, 3268-75	5.3	238
145	Role of Th17 cells in the pathogenesis of CNS inflammatory demyelination. *Journal of the Neurological Sciences*, **2013**, 333, 76-87	3.2	174
144	Current views on the roles of Th1 and Th17 cells in experimental autoimmune encephalomyelitis. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 189-97	6.9	171
143	IL-23 drives pathogenic IL-17-producing CD8+ T cells. *Journal of Immunology*, **2009**, 182, 5296-305	5.3	164
142	Oral resveratrol reduces neuronal damage in a model of multiple sclerosis. *Journal of Neuro-Ophthalmology*, **2010**, 30, 328-39	2.6	142
141	SIRT1 activation confers neuroprotection in experimental optic neuritis. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 3602-9		140
140	Adult neural stem cells expressing IL-10 confer potent immunomodulation and remyelination in experimental autoimmune encephalitis. *Journal of Clinical Investigation*, **2009**, 119, 3678-91	15.9	139
139	Increased IL-23p19 expression in multiple sclerosis lesions and its induction in microglia. *Brain*, **2007** , 130, 490-501	11.2	130
138	Cutting Edge: TLR3 stimulation suppresses experimental autoimmune encephalomyelitis by inducing endogenous IFN-beta. *Journal of Immunology*, **2006**, 177, 7505-9	5.3	121
137	Dendritic cells transduced with SOCS-3 exhibit a tolerogenic/DC2 phenotype that directs type 2 Th cell differentiation in vitro and in vivo. *Journal of Immunology*, **2006**, 177, 1679-88	5.3	117
136	Inflammatory demyelination induces axonal injury and retinal ganglion cell apoptosis in experimental optic neuritis. *Experimental Eye Research*, **2008**, 87, 208-13	3.7	109

135	Expression of GM-CSF in T Cells Is Increased in Multiple Sclerosis and Suppressed by IFN-□Therapy. *Journal of Immunology*, **2015**, 194, 5085-93	5.3	102
134	Astrocytes as antigen-presenting cells: expression of IL-12/IL-23. *Journal of Neurochemistry*, **2005**, 95, 331-40	6	102
133	Neutralization of IL-9 ameliorates experimental autoimmune encephalomyelitis by decreasing the effector T cell population. *Journal of Immunology*, **2010**, 185, 4095-100	5.3	94
132	CD11c+CD11b+ dendritic cells play an important role in intravenous tolerance and the suppression of experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2008**, 181, 2483-93	5.3	91
131	IDO: a double-edged sword for T(H)1/T(H)2 regulation. *Immunology Letters*, **2008**, 121, 1-6	4.1	89
130	Differential effect of IL-27 on developing versus committed Th17 cells. *Journal of Immunology*, **2009**, 183, 4957-67	5.3	88
129	1,25-Dihydroxyvitamin D3 enhances neural stem cell proliferation and oligodendrocyte differentiation. *Experimental and Molecular Pathology*, **2015**, 98, 240-5	4.4	82
128	Role of IL-12 receptor beta 1 in regulation of T cell response by APC in experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2003**, 171, 4485-92	5.3	76
127	Cutting edge: C3, a key component of complement activation, is not required for the development of myelin oligodendrocyte glycoprotein peptide-induced experimental autoimmune encephalomyelitis in mice. *Journal of Immunology*, **2001**, 166, 723-6	5.3	75
126	Induction of severe experimental autoimmune neuritis with a synthetic peptide corresponding to the 53-78 amino acid sequence of the myelin P2 protein. *Journal of Neuroimmunology*, **1990**, 30, 145-51	3.5	75
125	Differential expression and regulation of IL-23 and IL-12 subunits and receptors in adult mouse microglia. *Journal of the Neurological Sciences*, **2003**, 215, 95-103	3.2	70
124	Magnetic cell sorting: a fast and effective method of concurrent isolation of high purity viable astrocytes and microglia from neonatal mouse brain tissue. *Journal of Neuroscience Methods*, **2008**, 175, 108-18	3	64
123	Retinal ganglion cell loss induced by acute optic neuritis in a relapsing model of multiple sclerosis. *Multiple Sclerosis Journal*, **2006**, 12, 526-32	5	64
122	IL-9: basic biology, signaling pathways in CD4+ T cells and implications for autoimmunity. *Journal of NeuroImmune Pharmacology*, **2010**, 5, 198-209	6.9	62
121	IL-9 is important for T-cell activation and differentiation in autoimmune inflammation of the central nervous system. *European Journal of Immunology*, **2011**, 41, 2197-206	6.1	61
120	CNS-specific therapy for ongoing EAE by silencing IL-17 pathway in astrocytes. *Molecular Therapy*, **2012**, 20, 1338-48	11.7	60
119	Roles of GM-CSF in the Pathogenesis of Autoimmune Diseases: An Update. *Frontiers in Immunology*, **2019**, 10, 1265	8.4	59
118	Therapeutic effect of baicalin on experimental autoimmune encephalomyelitis is mediated by SOCS3 regulatory pathway. *Scientific Reports*, **2015**, 5, 17407	4.9	59

117	IL-27 subunits and its receptor (WSX-1) mRNAs are markedly up-regulated in inflammatory cells in the CNS during experimental autoimmune encephalomyelitis. *Journal of the Neurological Sciences*, **2005**, 232, 3-9	3.2	58
116	Role of serine proteases in inflammation: Bowman-Birk protease inhibitor (BBI) as a potential therapy for autoimmune diseases. *Experimental and Molecular Pathology*, **2012**, 93, 428-33	4.4	55
115	Evaluation of bone marrow- and brain-derived neural stem cells in therapy of central nervous system autoimmunity. *American Journal of Pathology*, **2010**, 177, 1989-2001	5.8	53
114	Glucosamine abrogates the acute phase of experimental autoimmune encephalomyelitis by induction of Th2 response. *Journal of Immunology*, **2005**, 175, 7202-8	5.3	51
113	Generation of immunogenic and tolerogenic clinical-grade dendritic cells. *Immunologic Research*, **2011**, 51, 153-60	4.3	48
112	The PD-1/PD-L pathway is up-regulated during IL-12-induced suppression of EAE mediated by IFN-gamma. *Journal of Neuroimmunology*, **2007**, 185, 75-86	3.5	48
111	Early administration of IL-12 suppresses EAE through induction of interferon-gamma. *Journal of Neuroimmunology*, **2004**, 156, 123-31	3.5	47
110	Parenchymal microglia of naïve adult C57BL/6J mice express high levels of B7.1, B7.2, and MHC class II. *Experimental and Molecular Pathology*, **2002**, 73, 35-45	4.4	47
109	Effects of the angiotensin converting enzyme inhibitor captopril on experimental autoimmune encephalomyelitis. *Immunopharmacology and Immunotoxicology*, **1995**, 17, 471-91	3.2	47
108	Silencing IFN-β binding/signaling in astrocytes versus microglia leads to opposite effects on central nervous system autoimmunity. *Journal of Immunology*, **2015**, 194, 4251-64	5.3	46
107	Kit (W-sh) mice develop earlier and more severe experimental autoimmune encephalomyelitis due to absence of immune suppression. *Journal of Immunology*, **2011**, 187, 274-82	5.3	46
106	Induction of peripheral tolerance with peptide-specific anergy in experimental autoimmune neuritis. *Cellular Immunology*, **1993**, 150, 298-310	4.4	41
105	Neurotrophin 3 transduction augments remyelinating and immunomodulatory capacity of neural stem cells. *Molecular Therapy*, **2014**, 22, 440-450	11.7	40
104	Modulation of susceptibility and resistance to an autoimmune model of multiple sclerosis in prototypically susceptible and resistant strains by neutralization of interleukin-12 and interleukin-4, respectively. *Clinical Immunology*, **2001**, 98, 23-30	9	40
103	Magnetic resonance imaging of the cauda equina in chronic inflammatory demyelinating polyneuropathy. *Annals of Neurology*, **1993**, 33, 311-3	9.4	38
102	Independent and interdependent immunoregulatory effects of IL-27, IFN-β and IL-10 in the suppression of human Th17 cells and murine experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2013**, 190, 3225-34	5.3	36
101	Potential roles of extracellular vesicles in the pathophysiology, diagnosis, and treatment of autoimmune diseases. *International Journal of Biological Sciences*, **2020**, 16, 620-632	11.2	34
100	Interleukin-10 plays a crucial role in suppression of experimental autoimmune encephalomyelitis by Bowman-Birk inhibitor. *Journal of Neuroimmunology*, **2012**, 245, 1-7	3.5	33

99	Inducible IL-23p19 expression in human microglia via p38 MAPK and NF-kappaB signal pathways. *Experimental and Molecular Pathology*, **2008**, 84, 1-8	4.4	33
98	Peptide 53-78 of myelin P2 protein is a T cell epitope for the induction of experimental autoimmune neuritis. *Cellular Immunology*, **1991**, 132, 433-41	4.4	33
97	Neural Stem Cells Engineered to Express Three Therapeutic Factors Mediate Recovery from Chronic Stage CNS Autoimmunity. *Molecular Therapy*, **2016**, 24, 1456-69	11.7	32
96	A dual effect of ursolic acid to the treatment of multiple sclerosis through both immunomodulation and direct remyelination. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 9082-9093	11.5	30
95	The TLR7 agonist, imiquimod, increases IFN-beta production and reduces the severity of experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2010**, 221, 107-11	3.5	30
94	Flow cytometric analysis of infiltrating cells in the peripheral nerves in experimental allergic neuritis. *Journal of Neuroimmunology*, **2000**, 108, 181-91	3.5	30
93	Chemokine mRNA expression in the cauda equina of Lewis rats with experimental allergic neuritis. *Journal of Neuroimmunology*, **1999**, 97, 51-9	3.5	30
92	Effect of Fingolimod on Neural Stem Cells: A Novel Mechanism and Broadened Application for Neural Repair. *Molecular Therapy*, **2017**, 25, 401-415	11.7	29
91	Immune tolerance induced by intravenous transfer of immature dendritic cells via up-regulating numbers of suppressive IL-10(+) IFN-[illegible](+)-producing CD4(+) T cells. *Immunologic Research*, **2013**, 56, 1-8	4.3	29
90	Experimental allergic neuritis in the SJL/J mouse: induction of severe and reproducible disease with bovine peripheral nerve myelin and pertussis toxin with or without interleukin-12. *Journal of Neuroimmunology*, **2000**, 107, 1-7	3.5	29
89	Bowman-Birk inhibitor suppresses autoimmune inflammation and neuronal loss in a mouse model of multiple sclerosis. *Journal of the Neurological Sciences*, **2008**, 271, 191-202	3.2	28
88	A longitudinal study of the T cell activation marker CD26 in chronic progressive multiple sclerosis. *Journal of the Neurological Sciences*, **1995**, 130, 178-82	3.2	28
87	Immunotherapy using lipopolysaccharide-stimulated bone marrow-derived dendritic cells to treat experimental autoimmune encephalomyelitis. *Clinical and Experimental Immunology*, **2014**, 178, 447-58	6.2	27
86	Accelerated and enhanced effect of CCR5-transduced bone marrow neural stem cells on autoimmune encephalomyelitis. *Acta Neuropathologica*, **2012**, 124, 491-503	14.3	27
85	T cell and antibody responses in remitting-relapsing experimental autoimmune encephalomyelitis in (C57BL/6 x SJL) F1 mice. *Journal of Neuroimmunology*, **2004**, 148, 1-10	3.5	27
84	Shared T-cell receptor gene usage in experimental allergic neuritis and encephalomyelitis. *Annals of Neurology*, **1992**, 31, 587-92	9.4	27
83	The role of IL-12 in the induction of intravenous tolerance in experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2002**, 168, 2501-7	5.3	26
82	T-cell based immunotherapy in experimental autoimmune encephalomyelitis and multiple sclerosis. *Immunotherapy*, **2010**, 2, 99-115	3.8	25

81	Mechanisms of suppression of experimental autoimmune encephalomyelitis by intravenous administration of myelin basic protein: role of regulatory spleen cells. *Experimental and Molecular Pathology*, **2000**, 68, 29-37	4.4	25
80	Regulation of experimental autoimmune neuritis by transforming growth factor-beta 1. *Cellular Immunology*, **1994**, 156, 102-12	4.4	25
79	LINGO-1-Fc-Transduced Neural Stem Cells Are Effective Therapy for Chronic Stage Experimental Autoimmune Encephalomyelitis. *Molecular Neurobiology*, **2017**, 54, 4365-4378	6.2	24
78	IL-9 signaling affects central nervous system resident cells during inflammatory stimuli. *Experimental and Molecular Pathology*, **2015**, 99, 570-4	4.4	24
77	Elevated expression of granulocyte-macrophage colony-stimulating factor receptor in multiple sclerosis lesions. *Journal of Neuroimmunology*, **2018**, 317, 45-54	3.5	23
76	Selective depletion of CD11c CD11b dendritic cells partially abrogates tolerogenic effects of intravenous MOG in murine EAE. *European Journal of Immunology*, **2016**, 46, 2454-2466	6.1	23
75	Intravenous transfer of apoptotic cell-treated dendritic cells leads to immune tolerance by blocking Th17 cell activity. *Immunobiology*, **2013**, 218, 1069-76	3.4	22
74	IL-10 deficiency blocks the ability of LPS to regulate expression of tolerance-related molecules on dendritic cells. *European Journal of Immunology*, **2012**, 42, 1449-58	6.1	22
73	Low dose zymosan ameliorates both chronic and relapsing experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2013**, 254, 28-38	3.5	21
72	T cells, cytokines, and autoantigens in multiple sclerosis. *Current Neurology and Neuroscience Reports*, **2001**, 1, 263-70	6.6	21
71	Emerging immunopharmacological targets in multiple sclerosis. *Journal of the Neurological Sciences* , **2015**, 358, 22-30	3.2	20
70	MOG(35-55) i.v suppresses experimental autoimmune encephalomyelitis partially through modulation of Th17 and JAK/STAT pathways. *European Journal of Immunology*, **2009**, 39, 789-99	6.1	20
69	Galectin-1 is essential for the induction of MOG35-55 -based intravenous tolerance in experimental autoimmune encephalomyelitis. *European Journal of Immunology*, **2016**, 46, 1783-96	6.1	19
68	Cellular remyelinating therapy in multiple sclerosis. *Journal of the Neurological Sciences*, **2009**, 276, 1-5	3.2	19
67	MS4a4B, a CD20 homologue in T cells, inhibits T cell propagation by modulation of cell cycle. *PLoS ONE*, **2010**, 5, e13780	3.7	19
66	Oligodendrocyte-derived extracellular vesicles as antigen-specific therapy for autoimmune neuroinflammation in mice. *Science Translational Medicine*, **2020**, 12,	17.5	18
65	The expression of cytokine mRNA in the cauda equina of Lewis rats with experimental allergic neuritis. *Journal of Neuroimmunology*, **1998**, 84, 223-9	3.5	18
64	Effect of DAB(389)IL-2 immunotoxin on the course of experimental autoimmune encephalomyelitis in Lewis rats. *Journal of the Neurological Sciences*, **2007**, 263, 59-69	3.2	18

63	The suppressive effect of TGF-beta on IL-12-mediated immune modulation specific to a peptide Ac1-11 of myelin basic protein (MBP): a mechanism involved in inhibition of both IL-12 receptor beta1 and beta2. *Journal of Neuroimmunology*, **2000**, 108, 53-63	3.5	17
62	1,25-Dihydroxyvitamin D suppressed experimental autoimmune encephalomyelitis through both immunomodulation and oligodendrocyte maturation. *Experimental and Molecular Pathology*, **2017**, 102, 515-521	4.4	16
61	Intravenous tolerance modulates macrophage classical activation and antigen presentation in experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2009**, 208, 54-60	3.5	16
60	Suppression of experimental autoimmune neuritis by phosphodiesterase inhibitor pentoxifylline. *Journal of the Neurological Sciences*, **1996**, 143, 14-8	3.2	16
59	A paradoxical role of APCs in the induction of intravenous tolerance in experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2005**, 161, 101-12	3.5	15
58	Reversal of spontaneous progressive autoimmune encephalomyelitis by myelin basic protein-induced clonal deletion. *Autoimmunity*, **1999**, 31, 219-27	3	15
57	Prevalence of multiple sclerosis in Iranian emigrants: review of the evidence. *Neurological Sciences*, **2016**, 37, 1759-1763	3.5	15
56	Apoptotic cell-treated dendritic cells induce immune tolerance by specifically inhibiting development of CD4+ effector memory T cells. *Immunologic Research*, **2016**, 64, 73-81	4.3	14
55	Interaction of RNA-binding protein HuR and miR-466i regulates GM-CSF expression. *Scientific Reports*, **2017**, 7, 17233	4.9	14
54	Skeletal muscle myosin is the autoantigen for experimental autoimmune myositis. *Experimental and Molecular Pathology*, **2003**, 74, 238-43	4.4	14
53	The expression of CD59 in experimental allergic neuritis. *Journal of the Neurological Sciences*, **1999**, 165, 154-9	3.2	14
52	Neuritogenic Lewis rat T cells use Tcrb chains that include a new Tcrb-V8 family member. *Immunogenetics*, **1994**, 40, 266-70	3.2	14
51	Bowman-Birk Inhibitor attenuates experimental autoimmune encephalomyelitis by delaying infiltration of inflammatory cells into the CNS. *Immunologic Research*, **2011**, 51, 145-52	4.3	13
50	Evolution of the cellular response in P2-induced experimental allergic neuritis. *Pathobiology*, **1992**, 60, 108-112	3.6	13
49	Antigen presenting cells treated in vitro by macrophage colony-stimulating factor and autoantigen protect mice from autoimmunity. *Journal of Neuroimmunology*, **2007**, 192, 68-78	3.5	12
48	Committed Tc17 cells are phenotypically and functionally resistant to the effects of IL-27. *European Journal of Immunology*, **2014**, 44, 3003-14	6.1	11
47	Generation of large numbers of highly purified dendritic cells from bone marrow progenitor cells after co-culture with syngeneic murine splenocytes. *Experimental and Molecular Pathology*, **2013**, 94, 336-42	4.4	11
46	Anti-MS4a4B treatment abrogates MS4a4B-mediated protection in T cells and ameliorates experimental autoimmune encephalomyelitis. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 1106-19	5.4	10

45	Loss of the surface antigen 3G11 characterizes a distinct population of anergic/regulatory T cells in experimental autoimmune encephalomyelitis. *Journal of Immunology*, **2006**, 176, 3366-73	5.3	10
44	RNA-Binding Protein HuR Promotes Th17 Cell Differentiation and Can Be Targeted to Reduce Autoimmune Neuroinflammation. *Journal of Immunology*, **2020**, 204, 2076-2087	5.3	9
43	IL-12R□ has a protective role in relapsing-remitting experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2016**, 291, 59-69	3.5	9
42	Intravenous tolerance effectively overcomes enhanced pro-inflammatory responses and experimental autoimmune encephalomyelitis severity in the absence of IL-12 receptor signaling. *Journal of Neuroimmunology*, **2012**, 247, 32-7	3.5	9
41	Therapeutic potential of IL-27 in multiple sclerosis?. *Expert Opinion on Biological Therapy*, **2009**, 9, 149-60	5.4	9
40	Distinct Role of IL-27 in Immature and LPS-Induced Mature Dendritic Cell-Mediated Development of CD4 CD1273G11 Regulatory T Cell Subset. *Frontiers in Immunology*, **2018**, 9, 2562	8.4	9
39	LPS-treated bone marrow-derived dendritic cells induce immune tolerance through modulating differentiation of CD4 regulatory T cell subpopulations mediated by 3G11 and CD127. *Immunologic Research*, **2017**, 65, 630-638	4.3	8
38	Evaluation of the effect of GM-CSF blocking on the phenotype and function of human monocytes. *Scientific Reports*, **2020**, 10, 1567	4.9	8
37	Chloroquine-treated dendritic cells require STAT1 signaling for their tolerogenic activity. *European Journal of Immunology*, **2018**, 48, 1228-1234	6.1	8
36	Astrocyte-derived lactosylceramide implicated in multiple sclerosis. *Nature Medicine*, **2014**, 20, 1092-3	50.5	8
35	TCR stimulation upregulates MS4a4B expression through induction of AP-1 transcription factor during T cell activation. *Molecular Immunology*, **2012**, 52, 71-8	4.3	8
34	Role of extracellular vesicles in neurodegenerative diseases. *Progress in Neurobiology*, **2021**, 201, 102022	10.9	8
33	Generation of Oligodendrocyte Progenitor Cells From Mouse Bone Marrow Cells. *Frontiers in Cellular Neuroscience*, **2019**, 13, 247	6.1	7
32	c-kit plays a critical role in induction of intravenous tolerance in experimental autoimmune encephalomyelitis. *Immunologic Research*, **2015**, 61, 294-302	4.3	7
31	A distinct GM-CSF T helper cell subset requires T-bet to adopt a T1 phenotype and promote neuroinflammation. *Science Immunology*, **2020**, 5,	28	7
30	Targeting ganglioside epitope 3G11 on the surface of CD4+ T cells suppresses EAE by altering the Treg/Th17 cell balance. *International Immunology*, **2010**, 22, 817-26	4.9	6
29	Suppression of murine experimental autoimmune encephalomyelitis by interleukin-2 receptor targeted fusion toxin, DAB(389)IL-2. *Cellular Immunology*, **2010**, 261, 144-52	4.4	6
28	Delayed-type hypersensitivity response in experimental autoimmune neuritis treated with peptide-coupled spleen cells. *Journal of Neuroimmunology*, **1994**, 51, 69-75	3.5	6

27	Mechanisms of immunological tolerance in central nervous system inflammatory demyelination. *Clinical and Experimental Neuroimmunology*, **2015**, 6, 264-274	0.4	5
26	Combination Therapy With Fingolimod and Neural Stem Cells Promotes Functional Myelination Through a Non-immunomodulatory Mechanism. *Frontiers in Cellular Neuroscience*, **2019**, 13, 14	6.1	4
25	Dimethyl fumarate suppresses granulocyte macrophage colony-stimulating factor-producing Th1 cells in CNS neuroinflammation. *Neurology: Neuroimmunology and NeuroInflammation*, **2020**, 7,	9.1	4
24	A serine protease inhibitor suppresses autoimmune neuroinflammation by activating the STING/IFN-axis in macrophages. *Cellular and Molecular Immunology*, **2020**, 17, 1278-1280	15.4	4
23	3G11 expression in CD4+ T cell-mediated autoimmunity and immune tolerance. *International Immunopharmacology*, **2011**, 11, 593-6	5.8	4
22	Study of disabling T-cell activation and inhibiting T-cell-mediated immunopathology reveals a possible inverse agonist activity of CD4 peptidomimetics. *Experimental and Molecular Pathology*, **2002**, 73, 93-103	4.4	4
21	IL-9 Controls Central Nervous System Autoimmunity by Suppressing GM-CSF Production. *Journal of Immunology*, **2020**, 204, 531-539	5.3	4
20	CpG Type A Induction of an Early Protective Environment in Experimental Multiple Sclerosis. *Mediators of Inflammation*, **2017**, 2017, 1380615	4.3	3
19	DAB389IL-2 suppresses autoimmune inflammation in the CNS and inhibits T cell-mediated lysis of glial target cells. *Experimental and Molecular Pathology*, **2014**, 96, 108-17	4.4	3
18	Expression of 3G11 epitope defines subpopulations of regulatory T cells with different suppressive potency. *Journal of the Neurological Sciences*, **2010**, 295, 66-74	3.2	3
17	Demyelination following transfer of human lymphocytes into mice with severe combined immunodeficiency. *Pathobiology*, **1996**, 64, 136-41	3.6	3
16	A serine protease inhibitor induces type 1 regulatory T cells through IFN-/STAT1 signaling. *Cellular and Molecular Immunology*, **2020**, 17, 1004-1006	15.4	3
15	Montelukast alleviates inflammation in experimental autoimmune encephalomyelitis by altering Th17 differentiation in a mouse model. *Immunology*, **2021**, 163, 185-200	7.8	3
14	The selective retinoic acid receptor-agonist AM580 fails to control autoimmune neuroinflammation. *Cellular and Molecular Immunology*, **2019**, 16, 727-729	15.4	2
13	Primary central nervous system lymphoma following transfer of human peripheral blood lymphocytes into SCID mice. *Pathobiology*, **1995**, 63, 188-91	3.6	2
12	Interferon-/Interleukin-27 Axis Induces Programmed Death Ligand 1 Expression in Monocyte-Derived Dendritic Cells and Restores Immune Tolerance in Central Nervous System Autoimmunity. *Frontiers in Immunology*, **2020**, 11, 576752	8.4	2
11	DABIL-2 recombinant fusion toxin effect on lymphocyte- and macrophage-producing cytokine subpopulation cells in experimentally induced demyelinating disease in mice. *Immunopharmacology and Immunotoxicology*, **2017**, 39, 318-329	3.2	1
10	Primaquine elicits Foxp3 regulatory T cells with a superior ability to limit CNS autoimmune inflammation. *Journal of Autoimmunity*, **2020**, 114, 102505	15.5	1

9	The effect of 2-amino-3-carboxymuconate-6-semialdehyde decarboxylase gene overexpression in the kynurenine pathway on the expression levels of indoleamine 2,3-dioxygenase 1 and interferon-□n inflammatory conditions: an in vitro study. *Molecular Biology Reports*, **2021**, 1	2.8	1
8	IFN-□Acts on Monocytes to Ameliorate CNS Autoimmunity by Inhibiting Proinflammatory Cross-Talk Between Monocytes and Th Cells. *Frontiers in Immunology*, **2021**, 12, 679498	8.4	1
7	Chloroquine reduces Th17 cell differentiation by stimulating T-bet expression in T cells. *Cellular and Molecular Immunology*, **2021**, 18, 779-780	15.4	1
6	Oral D-mannose treatment suppresses experimental autoimmune encephalomyelitis via induction of regulatory T cells. *Journal of Neuroimmunology*, **2021**, 362, 577778	3.5	0
5	CRISPR-mediated rapid generation of neural cell-specific knockout mice facilitates research in neurophysiology and pathology. *Molecular Therapy - Methods and Clinical Development*, **2021**, 20, 755-764	6.4	0
4	The SNX-482 peptide from Hysterocrates gigas spider acts as an immunomodulatory molecule activating macrophages. *Peptides*, **2021**, 146, 170648	3.8	0
3	CSF-1 maintains pathogenic but not homeostatic myeloid cells in the central nervous system during autoimmune neuroinflammation.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2111804119	11.5	0
2	Bone marrow dendritic cells deficient for CD40 and IL-23p19 are tolerogenic. *Iranian Journal of Basic Medical Sciences*, **2020**, 23, 287-292	1.8	
1	P7C3 attenuates CNS autoimmunity by inhibiting Th17 cell differentiation. *Cellular and Molecular Immunology*, **2021**, 18, 1565-1567	15.4	