Ikuo Tsunoda

List of Publications by Year
in descending order

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124 papers	3,379 citations	109137 35 h-index	174990 52 g-index
127 all docs	127 docs citations	127 times ranked	3354 citing authors

#	Article	IF	Citations
1	Curdlan, a Microbial Î²-Glucan, Has Contrasting Effects on Autoimmune and Viral Models of Multiple Sclerosis. Frontiers in Cellular and Infection Microbiology, 2022, 12, 805302.	1.8	4
2	Scientific evaluation of alleged findings in <scp>HPV</scp> vaccines: Molecular mimicry and mouse models of vaccineâ€induced disease. Cancer Science, 2022, 113, 3313-3320.	1.7	4
3	Curcumin Î²-D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces. Frontiers in Cellular and Infection Microbiology, 2021, 11, 772962.	1.8	9
4	Galectin-3 as a Therapeutic Target for NSAID-Induced Intestinal Ulcers. Frontiers in Immunology, 2020, 11, 550366.	2.2	7
5	Evaluation of Five International HBV Treatment Guidelines: Recommendation for Resource-Limited Developing Countries Based on the National Study in Nepal. Pathophysiology, 2020, 27, 3-13.	1.0	2
6	Scientific Evaluation of the Court Evidence Submitted to the 2019 Human Papillomavirus Vaccine Libel Case and Its Decision in Japan. Frontiers in Medicine, 2020, 7, 377.	1.2	5
7	Bioinformatics Analysis of Gut Microbiota and CNS Transcriptome in Virus-Induced Acute Myelitis and Chronic Inflammatory Demyelination; Potential Association of Distinct Bacteria With CNS IgA Upregulation. Frontiers in Immunology, 2020, 11, 1138.	2.2	14
8	Neurolymphatic biomarkers of brain endothelial inflammatory activation: Implications for multiple sclerosis diagnosis. Life Sciences, 2019, 229, 116-123.	2.0	4
9	Bioinformatics Analyses Determined the Distinct CNS and Peripheral Surrogate Biomarker Candidates Between Two Mouse Models for Progressive Multiple Sclerosis. Frontiers in Immunology, 2019, 10, 516.	2.2	15
10	Murine Î³-Herpesvirus 68 Induces Severe Lung Inflammation in IL-27â€“Deficient Mice with Liver Dysfunction Preventable by Oral Neomycin. Journal of Immunology, 2018, 200, 2703-2713.	0.4	4
11	Baricitinib-induced blockade of interferon gamma receptor and interleukin-6 receptor for the prevention and treatment of graft-versus-host disease. Leukemia, 2018, 32, 2483-2494.	3.3	61
12	Immunoregulation of Theilerâ€™s virus-induced demyelinating disease by glatiramer acetate without suppression of antiviral immune responses. Archives of Virology, 2018, 163, 1279-1284.	0.9	7
13	Metallothionein I as a direct link between therapeutic hematopoietic stem/progenitor cells and cerebral protection in stroke. FASEB Journal, 2018, 32, 2381-2394.	0.2	9
14	CCL28-Deficient Mice Have Reduced IgA Antibodyâ€“Secreting Cells and an Altered Microbiota in the Colon. Journal of Immunology, 2018, 200, 800-809.	0.4	29
15	Theiler's Virus-Mediated Immunopathology in the CNS and Heart: Roles of Organ-Specific Cytokine and Lymphatic Responses. Frontiers in Immunology, 2018, 9, 2870.	2.2	17
16	IL-1Î² reduces cardiac lymphatic muscle contraction via COX-2 and PGE2 induction: Potential role in myocarditis. Biomedicine and Pharmacotherapy, 2018, 107, 1591-1600.	2.5	21
17	Heat shock protein 27 promotes cell cycle progression by down-regulating E2F transcription factor 4 and retinoblastoma family protein p130. Journal of Biological Chemistry, 2018, 293, 15815-15826.	1.6	12
18	Animal Models of Multiple Sclerosis. , 2018, , 37-72.		6

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19	Forensic luminol reaction for detecting fecal occult blood in experimental mice. BioTechniques, 2018, 65, 227-230.	0.8	11
20	Lymphatic system and gut microbiota affect immunopathology of neuroinflammatory diseases, including multiple sclerosis, neuromyelitis optica and Alzheimer's disease. Clinical and Experimental Neuroimmunology, 2017, 8, 177-179.	0.5	26
21	T-bet, but not Gata3, overexpression is detrimental in a neurotropic viral infection. Scientific Reports, 2017, 7, 10496.	1.6	12
22	Helicobacter pylori and gut microbiota in multiple sclerosis versus Alzheimer's disease: 10 pitfalls of microbiome studies. Clinical and Experimental Neuroimmunology, 2017, 8, 215-232.	0.5	43
23	Viral infection activates myelin-specific T cells, triggering MS-like CNS inflammatory demyelination. Journal of the Neurological Sciences, 2017, 381, 1057-1058.	0.3	0
24	IL-35 Suppresses Lipopolysaccharide-Induced Airway Eosinophilia in EBI3-Deficient Mice. Journal of Immunology, 2017, 198, 119-127.	0.4	30
25	Bioinformatics analyses determined the CNS and peripheral lymphoid surrogate biomarker candidates between two distinct EAE models for progressive multiple sclerosis. Journal of the Neurological Sciences, 2017, 381, 794-795.	0.3	0
26	A Critical Role for Monocytes/Macrophages During Intestinal Inflammation-associated Lymphangiogenesis. Inflammatory Bowel Diseases, 2016, 22, 1326-1345.	0.9	28
27	From trash to treasure: The untapped potential of endothelial microparticles in neurovascular diseases. Pathophysiology, 2016, 23, 265-274.	1.0	16
28	Three immuneâ€mediated disease models induced by Theiler's virus: Multiple sclerosis, seizures and myocarditis. Clinical and Experimental Neuroimmunology, 2016, 7, 330-345.	0.5	15
29	Role of CD4+ T Cells in the Pathophysiology of Multiple Sclerosis. , 2016, , 41-69.		10
30	Neuropathogenesis of Zika Virus Infection : Potential Roles of Antibody-Mediated Pathology. Acta Medica Kinki University, 2016, 41, 37-52.	3.0	9
31	â€œMicroglial nodulesâ€•and â€œnewly forming lesionsâ€•may be a Janus face of early MS lesions; implications from virus-induced demyelination, the Inside-Out model. BMC Neurology, 2015, 15, 219.	0.8	19
32	ILâ€1Î² reduces tonic contraction of mesenteric lymphatic muscle cells, with the involvement of cycloxygenaseâ€2 and prostaglandin <scp>E</scp>₂. British Journal of Pharmacology, 2015, 172, 4038-4051.	2.7	27
33	Downregulation of FoxC2 Increased Susceptibility to Experimental Colitis. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	27
34	Organ-specific protective role of NKT cells in virus-induced inflammatory demyelination and myocarditis depends on mouse strain. Journal of Neuroimmunology, 2015, 278, 174-184.	1.1	10
35	Blood circulating microparticle species in relapsingâ€“remitting and secondary progressive multiple sclerosis. A caseâ€“control, cross sectional study with conventional MRI and advanced iron content imaging outcomes. Journal of the Neurological Sciences, 2015, 355, 84-89.	0.3	22
36	Mo1716 IL-1 Receptor Antagonist (Anakinra) Restores Mesenteric Lymphatic Muscle Cell Tonic Contractility Suppressed by Acute or Chronic Colitis Conditioned Media In Vitro. Gastroenterology, 2015, 148, S-693.	0.6	0

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37	Mo1828 Reduced Intestinal Leukocyte Exit Heightens the Severity of DSS Colitis in a Murine Model of Lymphovascular Deficiency. Gastroenterology, 2015, 148, S-721.	0.6	0
38	Th17-biased RORÎ³t transgenic mice become susceptible to a viral model for multiple sclerosis. Brain, Behavior, and Immunity, 2015, 43, 86-97.	2.0	24
39	Anti-Yo Antibody Uptake and Interaction with Its Intracellular Target Antigen Causes Purkinje Cell Death in Rat Cerebellar Slice Cultures: A Possible Mechanism for Paraneoplastic Cerebellar Degeneration in Humans with Gynecological or Breast Cancers. PLoS ONE, 2015, 10, e0123446.	1.1	52
40	Regulation of an Autoimmune Model for Multiple Sclerosis in Th2-Biased GATA3 Transgenic Mice. International Journal of Molecular Sciences, 2014, 15, 1700-1718.	1.8	41
41	Bioinformatics Multivariate Analysis Determined a Set of Phase-Specific Biomarker Candidates in a Novel Mouse Model for Viral Myocarditis. Circulation: Cardiovascular Genetics, 2014, 7, 444-454.	5.1	40
42	Distinct kinetics of viral replication, T cell infiltration, and fibrosis in three phases of myocarditis following Theilerâ€™s virus infection. Cellular Immunology, 2014, 292, 85-93.	1.4	21
43	Neuronal uptake of anti-Hu antibody, but not anti-Ri antibody, leads to cell death in brain slice cultures. Journal of Neuroinflammation, 2014, 11, 160.	3.1	46
44	Tu1737 IL-1Î² Inhibits Contraction of Intestinal Lymphatic Smooth Muscle -Implications for Chronic Gut Inflammation. Gastroenterology, 2014, 146, S-830.	0.6	0
45	Protective and Detrimental Roles for Regulatory <scp>T</scp> Cells in a Viral Model for Multiple Sclerosis. Brain Pathology, 2014, 24, 436-451.	2.1	38
46	RORÎ³t, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. Journal of Neuroimmunology, 2014, 276, 142-149.	1.1	23
47	Immunopathological patterns from EAE and Theiler's virus infection: Is multiple sclerosis a homogenous 1-stage or heterogenous 2-stage disease?. Pathophysiology, 2013, 20, 71-84.	1.0	16
48	Inflammation induces neuro-lymphatic protein expression in multiple sclerosis brain neurovasculature. Journal of Neuroinflammation, 2013, 10, 125.	3.1	40
49	Resveratrol Exacerbates Both Autoimmune and Viral Models of Multiple Sclerosis. American Journal of Pathology, 2013, 183, 1390-1396.	1.9	60
50	Therapeutic Evaluation of Ex Vivo-Generated Versus Natural Regulatory T-cells in a Mouse Model of Chronic Gut Inflammation. Inflammatory Bowel Diseases, 2013, 19, 2282-2294.	0.9	19
51	Venous endothelial injury in central nervous system diseases. BMC Medicine, 2013, 11, 219.	2.3	20
52	Abstract 229: Determination of Phase-specific Biomarkers of Viral Myocarditis Induced by Theilerâ€™s virus Using Multivariate Analyses of Viral Genome, Troponin, Transcriptome and Echocardiography Data. Circulation Research, 2013, 113, .	2.0	0
53	Abstract 039: Natural Killer T Cells Play Protective Roles in Cardiovirus-Induced Myocarditis by Inducing Anti-Viral and Regulatory Cytokines. Circulation Research, 2013, 113, .	2.0	0
54	Regulatory T cells and Th17 cells in viral infections: implications for multiple sclerosis and myocarditis. Future Virology, 2012, 7, 593-608.	0.9	55

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55	Possible role of interleukin-17 in a prime/challenge model of multiple sclerosis. Journal of NeuroVirology, 2012, 18, 471-478.	1.0	2
56	Antiviral CD8+ T cells cause an experimental autoimmune encephalomyelitis-like disease in naive mice. Journal of NeuroVirology, 2012, 18, 45-54.	1.0	14
57	Immunization with structural and non-structural proteins of Theilerâ€™s murine encephalomyelitis virus alters demyelinating disease. Journal of NeuroVirology, 2012, 18, 127-137.	1.0	4
58	Abstract 116: Detrimental Role of Toll-Like Receptor 4 in Cardiovirus-Induced Myocarditis. Circulation Research, 2012, 111, .	2.0	0
59	Abstract 333: Chemokine and Autophagy-Related Genes in Novel In Vivo and In Vitro Models for Viral Myocarditis. Circulation Research, 2012, 111, .	2.0	0
60	Theiler's virus infection: Pathophysiology of demyelination and neurodegeneration. Pathophysiology, 2011, 18, 31-41.	1.0	45
61	Animal Models of Multiple Sclerosis. , 2011, , 55-79.		11
62	Purkinje Cell Death After Uptake of Anti-Yo Antibodies in Cerebellar Slice Cultures. Journal of Neuropathology and Experimental Neurology, 2010, 69, 997-1007.	0.9	73
63	Neuropathogenesis of Theilerâ€™s Murine Encephalomyelitis Virus Infection, An Animal Model for Multiple Sclerosis. Journal of NeuroImmune Pharmacology, 2010, 5, 355-369.	2.1	96
64	Studies in the Modulation of Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2010, 5, 168-175.	2.1	15
65	Theiler's murine encephalomyelitis virus attachment to the gastrointestinal tract is associated with sialic acid binding. Journal of NeuroVirology, 2009, 15, 81-89.	1.0	10
66	Contrasting roles for VÎ±14+natural killer T cells in a viral model for multiple sclerosis. Journal of NeuroVirology, 2009, 15, 90-98.	1.0	11
67	The Importance of NAD in Multiple Sclerosis. Current Pharmaceutical Design, 2009, 15, 64-99.	0.9	70
68	Central Nervous System Degeneration Caused by Autoimmune Cytotoxic CD8+ T Cell Clones and Hybridomas. , 2009, , 619-625.		1
69	Role of B:T cell ratio in suppression of clinical signs: A model for silent MS. Experimental and Molecular Pathology, 2008, 85, 28-39.	0.9	0
70	Targeting myelin proteolipid protein to the MHC class I pathway by ubiquitination modulates the course of experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2008, 204, 92-100.	1.1	5
71	Role of CD5⁺B-1 cells in EAE pathogenesis. Autoimmunity, 2008, 41, 353-362.	1.2	24
72	Cross-reactive myelin antibody induces renal pathology. Autoimmunity, 2008, 41, 526-536.	1.2	6

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73	Regulatory Role of CD1d in Neurotropic Virus Infection. Journal of Virology, 2008, 82, 10279-10289.	1.5	23
74	Axonal degeneration as a self-destructive defense mechanism against neurotropic virus infection. Future Virology, 2008, 3, 579-593.	0.9	41
75	14-3-3. , 2008, , 1-1.		2
76	Axonal degeneration as a selfâ€destructive defense mechanism against neurotropic virus infection. FASEB Journal, 2008, 22, 59.9.	0.2	0
77	Roles of CD1dâ€restricted V Î± 14 + NKT cells in Theiler's virus infection, a viral model for multiple sclerosis. FASEB Journal, 2008, 22, 856.6.	0.2	0
78	Infectious RNA Isolated from the Spinal Cords of Mice Chronically Infected with Theiler's Murine Encephalomyelitis Virus. Journal of Virology, 2007, 81, 3009-3011.	1.5	2
79	Contrasting Roles for Axonal Degeneration in an Autoimmune versus Viral Model of Multiple Sclerosis. American Journal of Pathology, 2007, 170, 214-226.	1.9	44
80	Targeting Inflammatory Demyelinating Lesions to Sites of Wallerian Degeneration. American Journal of Pathology, 2007, 171, 1563-1575.	1.9	40
81	Modulation of Experimental Autoimmune Encephalomyelitis by VLA-2 Blockade. Brain Pathology, 2007, 17, 45-55.	2.1	35
82	Polyreactive myelin oligodendrocyte glycoprotein antibodies: Implications for systemic autoimmunity in progressive experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2007, 183, 69-80.	1.1	14
83	Sequential polymicrobial infections lead to CNS inflammatory disease: Possible involvement of bystander activation in heterologous immunity. Journal of Neuroimmunology, 2007, 188, 22-33.	1.1	17
84	TGF-Î²1 suppresses T cell infiltration and VP2 puff B mutation enhances apoptosis in acute polioencephalitis induced by Theiler's virus. Journal of Neuroimmunology, 2007, 190, 80-89.	1.1	21
85	Multiple sclerosis and virus induced immune responses: Autoimmunity can be primed by molecular mimicry and augmented by bystander activation. Autoimmunity, 2006, 39, 9-19.	1.2	103
86	Autologous hematopoietic stem cell transplantation: a cure for multiple sclerosis?. Future Neurology, 2006, 1, 403-408.	0.9	3
87	IFN-Î³ production and astrocyte recognition by autoreactive T cells induced by Theiler's virus infection: Role of viral strains and capsid proteins. Journal of Neuroimmunology, 2006, 172, 85-93.	1.1	22
88	Monoclonal MOG-reactive autoantibody from progressive EAE has the characteristics of a natural antibody. Journal of Neuroimmunology, 2006, 173, 135-145.	1.1	11
89	The pathologic role for COX-2 in apoptotic oligodendrocytes in virus induced demyelinating disease: Implications for multiple sclerosis. Journal of Neuroimmunology, 2006, 174, 21-31.	1.1	39
90	Converting relapsing remitting to secondary progressive experimental allergic encephalomyelitis (EAE) by ultraviolet B irradiation. Journal of Neuroimmunology, 2005, 160, 122-134.	1.1	27

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91	TMEV and Neuroantigens: Myelin Genes and Proteins, Molecular Mimicry, Epitope Spreading, and Autoantibody-Mediated Remyelination. , 2005, , 593-616.		10
92	Central Nervous System Pathology Caused by Autoreactive CD8 + T-Cell Clones following Virus Infection. Journal of Virology, 2005, 79, 14640-14646.	1.5	33
93	Massive Apoptosis in Lymphoid Organs in Animal Models for Primary and Secondary Progressive Multiple Sclerosis. American Journal of Pathology, 2005, 167, 1631-1646.	1.9	40
94	Distinct roles for IP-10/C XC L10 in three animal models, Theilerâ€™s virus infection, EA E, and MHV infection, for multiple sclerosis: implication of differing roles for IP-10. Multiple Sclerosis Journal, 2004, 10, 26-34.	1.4	79
95	Axonal Injury Heralds Virus-Induced Demyelination. American Journal of Pathology, 2003, 162, 1259-1269.	1.9	103
96	Modulation of Immune System Function by Measles Virus Infection. II. Infection of B Cells Leads to the Production of a Soluble Factor That Arrests Uninfected B Cells in G0/G1. Viral Immunology, 2003, 16, 45-55.	0.6	14
97	Induction of Autoreactive CD8+ Cytotoxic T Cells during Theiler's Murine Encephalomyelitis Virus Infection: Implications for Autoimmunity. Journal of Virology, 2002, 76, 12834-12844.	1.5	47
98	Inside-Out versus Outside-In models for virus induced demyelination: axonal damage triggering demyelination. Seminars in Immunopathology, 2002, 24, 105-125.	4.0	140
99	Altered Cell Growth and Morphology in a BHK-21 Cell Mutant That Lacks a Receptor for Theiler's Murine Encephalomyelitis Virus. Virology, 2002, 294, 85-93.	1.1	3
100	Mutation in loop I of VP1 of Theiler's virus delays viral RNA release into cells and enhances antibody-mediated neutralization: A mechanism for the failure of persistence by the mutant virus. Journal of NeuroVirology, 2002, 8, 100-110.	1.0	6
101	Peripheral nerve protein, P0, as a potential receptor for Theiler's murine encephalomyelitis virus. Journal of NeuroVirology, 2001, 7, 97-104.	1.0	15
102	Viruses can silently prime for and trigger central nervous system autoimmune disease. Journal of NeuroVirology, 2001, 7, 220-227.	1.0	53
103	Prolonged Gray Matter Disease without Demyelination Caused by Theiler's Murine Encephalomyelitis Virus with a Mutation in VP2 Puff B. Journal of Virology, 2001, 75, 7494-7505.	1.5	44
104	Alterations in cytokine but not chemokine mRNA expression during three distinct Theilerâ€™s virus infections. Journal of Neuroimmunology, 2000, 104, 22-30.	1.1	66
105	Antibody Association with a Novel Model for Primary Progressive Multiple Sclerosis: Induction of Relapsingâ€Remitting and Progressive Forms of EAE in H2^S Mouse Strains. Brain Pathology, 2000, 10, 402-418.	2.1	81
106	Exacerbation of Viral and Autoimmune Animal Models for Multiple Sclerosis by Bacterial DNA. Brain Pathology, 1999, 9, 481-493.	2.1	95
107	Lipopeptide particles as the immunologically active component of CTL inducing vaccines. Vaccine, 1999, 17, 675-685.	1.7	45
108	DNA Vaccination against Theilerâ€™s Murine Encephalomyelitis Virus Leads to Alterations in Demyelinating Disease. Journal of Virology, 1999, 73, 993-1000.	1.5	22

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109	Theilerâ€™s Viruses with Mutations in Loop I of VP1 Lead to Altered Tropism and Pathogenesis. Journal of Virology, 1999, 73, 2814-2824.	1.5	27
110	Nitric oxide synthase inhibitor, aminoguanidine, reduces inflammation and demyelination produced by Theiler's virus infection. Journal of Neuroimmunology, 1998, 81, 82-89.	1.1	44
111	Enhancement of Experimental Allergic Encephalomyelitis (EAE) by DNA Immunization with Myelin Proteolipid Protein (PLP) Plasmid DNA. Journal of Neuropathology and Experimental Neurology, 1998, 57, 758-767.	0.9	65
112	Replacement of Loop II of VP1 of the DA Strain with Loop II of the GDVII Strain of Theilerâ€™s Murine Encephalomyelitis Virus Alters Neurovirulence, Viral Persistence, and Demyelination. Journal of Virology, 1998, 72, 7557-7562.	1.5	14
113	Hydrocephalus in Mice Infected with a TheilerÊ¼s Murine Encephalomyelitis Virus Variant. Journal of Neuropathology and Experimental Neurology, 1997, 56, 1302-1313.	0.9	43
114	Apoptosis in Acute and Chronic Central Nervous System Disease Induced by Theiler's Murine Encephalomyelitis Virus. Virology, 1997, 228, 388-393.	1.1	129
115	Two Models for Multiple Sclerosis: Experimental Allergic Encephalomyelitis and TheilerÊ¼s Murine Encephalomyelitis Virus. Journal of Neuropathology and Experimental Neurology, 1996, 55, 673-686.	0.9	176
116	A comparative study of acute and chronic diseases induced by two subgroups of Theiler's murine encephalomyelitis virus. Acta Neuropathologica, 1996, 91, 595-602.	3.9	55
117	POEMS syndrome with central nervous system involvement: a case report. Fukushima Journal of Medical Sciences, 1995, 41, 61-9.	0.1	1
118	Idiopathic AA amyloidosis manifested by autonomic neuropathy, vestibulocochleopathy, and lattice corneal dystrophy.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 635-637.	0.9	18
119	Suppression of acute active EAE with a derivative of mycophenolic acid. Journal of Neuroimmunology, 1994, 54, 183.	1.1	1
120	Acute Simultaneous Bilateral Vestibulocochlear Impairment in Neuro-BehÃ§etls Disease: A Case Report. Auris Nasus Larynx, 1994, 21, 243-247.	0.5	10
121	Melkersson-Rosenthal syndrome: distal facial nerve branch palsies, masseter myopathy and corticosteroid treatment. Fukushima Journal of Medical Sciences, 1994, 40, 39-44.	0.1	5
122	Phenotypes of mononuclear cell infiltrates in human central nervous system. Acta Neuropathologica, 1993, 85, 653-657.	3.9	23
123	ANTI-VERY LATE ANTIGEN-4 ANTIBODY SUPPRESSES ACUTE ACTIVE EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS IN LEWIS RATS. Journal of Neuropathology and Experimental Neurology, 1993, 52, 310.	0.9	0
124	Regular Exercise Training Enhances Spatial Memory and Regulates Glucocorticoid System in Experimental Autoimmune Encephalomyelitis. , 0, , .		0