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	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
2	Inside-Out versus Outside-In models for virus induced demyelination: axonal damage triggering demyelination. Seminars in Immunopathology, 2002, 24, 105-125.	4.0	140
3	Apoptosis in Acute and Chronic Central Nervous System Disease Induced by Theiler's Murine Encephalomyelitis Virus. Virology, 1997, 228, 388-393.	1.1	129
4	Axonal Injury Heralds Virus-Induced Demyelination. American Journal of Pathology, 2003, 162, 1259-1269.	1.9	103
5	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
6	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
7	Exacerbation of Viral and Autoimmune Animal Models for Multiple Sclerosis by Bacterial DNA. Brain Pathology, 1999, 9, 481-493.	2.1	95
8	Antibody Association with a Novel Model for Primary Progressive Multiple Sclerosis: Induction of RelapsingâEŘemitting and Progressive Forms of EAE in H2^S Mouse Strains. Brain Pathology, 2000, 10, 402-418.	2.1	81
9	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
10	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
11	The Importance of NAD in Multiple Sclerosis. Current Pharmaceutical Design, 2009, 15, 64-99.	0.9	70
12	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
13	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
14	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
15	Resveratrol Exacerbates Both Autoimmune and Viral Models of Multiple Sclerosis. American Journal of Pathology, 2013, 183, 1390-1396.	1.9	60
16	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
17	Regulatory T cells and Th17 cells in viral infections: implications for multiple sclerosis and myocarditis. Future Virology, 2012, 7, 593-608.	0.9	55
18	Viruses can silently prime for and trigger central nervous system autoimmune disease. Journal of NeuroVirology, 2001, 7, 220-227.	1.0	53

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19	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
20	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
21	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
22	Lipopeptide particles as the immunologically active component of CTL inducing vaccines. Vaccine, 1999, 17, 675-685.	1.7	45
23	Theiler's virus infection: Pathophysiology of demyelination and neurodegeneration. Pathophysiology, 2011, 18, 31-41.	1.0	45
24	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
25	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
26	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
27	Hydrocephalus in Mice Infected with a TheilerÊ¼s Murine Encephalomyelitis Virus Variant. Journal of Neuropathology and Experimental Neurology, 1997, 56, 1302-1313.	0.9	43
28	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
29	Axonal degeneration as a self-destructive defense mechanism against neurotropic virus infection. Future Virology, 2008, 3, 579-593.	0.9	41
30	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
31	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
32	Targeting Inflammatory Demyelinating Lesions to Sites of Wallerian Degeneration. American Journal of Pathology, 2007, 171, 1563-1575.	1.9	40
33	Inflammation induces neuro-lymphatic protein expression in multiple sclerosis brain neurovasculature. Journal of Neuroinflammation, 2013, 10, 125.	3.1	40
34	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
35	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
36	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

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37	Modulation of Experimental Autoimmune Encephalomyelitis by VLA-2 Blockade. Brain Pathology, 2007, 17, 45-55.	2.1	35
38	Central Nervous System Pathology Caused by Autoreactive CD8 + T-Cell Clones following Virus Infection. Journal of Virology, 2005, 79, 14640-14646.	1.5	33
39	IL-35 Suppresses Lipopolysaccharide-Induced Airway Eosinophilia in EBI3-Deficient Mice. Journal of Immunology, 2017, 198, 119-127.	0.4	30
40	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
41	A Critical Role for Monocytes/Macrophages During Intestinal Inflammation-associated Lymphangiogenesis. Inflammatory Bowel Diseases, 2016, 22, 1326-1345.	0.9	28
42	Converting relapsing remitting to secondary progressive experimental allergic encephalomyelitis (EAE) by ultraviolet B irradiation. Journal of Neuroimmunology, 2005, 160, 122-134.	1.1	27
43	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
44	Downregulation of FoxC2 Increased Susceptibility to Experimental Colitis. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	27
45	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
46	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
47	Role of CD5⁺B-1 cells in EAE pathogenesis. Autoimmunity, 2008, 41, 353-362.	1.2	24
48	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
49	Phenotypes of mononuclear cell infiltrates in human central nervous system. Acta Neuropathologica, 1993, 85, 653-657.	3.9	23
50	Regulatory Role of CD1d in Neurotropic Virus Infection. Journal of Virology, 2008, 82, 10279-10289.	1.5	23
51	RORÎ³t, but not T-bet, overexpression exacerbates an autoimmune model for multiple sclerosis. Journal of Neuroimmunology, 2014, 276, 142-149.	1.1	23
52	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
53	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
54	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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55	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
56	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
57	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
58	Venous endothelial injury in central nervous system diseases. BMC Medicine, 2013, 11, 219.	2.3	20
59	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
60	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
61	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
62	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
63	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
64	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
65	From trash to treasure: The untapped potential of endothelial microparticles in neurovascular diseases. Pathophysiology, 2016, 23, 265-274.	1.0	16
66	Peripheral nerve protein, P0, as a potential receptor for Theiler's murine encephalomyelitis virus. Journal of NeuroVirology, 2001, 7, 97-104.	1.0	15
67	Studies in the Modulation of Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2010, 5, 168-175.	2.1	15
68	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
69	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
70	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
71	Polyreactive myelin oligodendrocyte glycoprotein antibodies: Implications for systemic autoimmunity in progressive experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2007, 183, 69-80.	1.1	14
72	Antiviral CD8+ T cells cause an experimental autoimmune encephalomyelitis-like disease in naive mice. Journal of NeuroVirology, 2012, 18, 45-54.	1.0	14

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73	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
74	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
75	T-bet, but not Gata3, overexpression is detrimental in a neurotropic viral infection. Scientific Reports, 2017, 7, 10496.	1.6	12
76	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
77	Monoclonal MOG-reactive autoantibody from progressive EAE has the characteristics of a natural antibody. Journal of Neuroimmunology, 2006, 173, 135-145.	1.1	11
78	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
79	Animal Models of Multiple Sclerosis. , 2011, , 55-79.		11
80	Forensic luminol reaction for detecting fecal occult blood in experimental mice. BioTechniques, 2018, 65, 227-230.	0.8	11
81	Acute Simultaneous Bilateral Vestibulocochlear Impairment in Neuro-BehÃ§etls Disease: A Case Report. Auris Nasus Larynx, 1994, 21, 243-247.	0.5	10
82	TMEV and Neuroantigens: Myelin Genes and Proteins, Molecular Mimicry, Epitope Spreading, and Autoantibody-Mediated Remyelination. , 2005, , 593-616.		10
83	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
84	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
85	Role of CD4+ T Cells in the Pathophysiology of Multiple Sclerosis. , 2016, , 41-69.		10
86	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
87	Neuropathogenesis of Zika Virus Infection : Potential Roles of Antibody-Mediated Pathology. Acta Medica Kinki University, 2016, 41, 37-52.	3.0	9
88	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
89	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
90	Galectin-3 as a Therapeutic Target for NSAID-Induced Intestinal Ulcers. Frontiers in Immunology, 2020, 11, 550366.	2.2	7

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91	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
92	Cross-reactive myelin antibody induces renal pathology. Autoimmunity, 2008, 41, 526-536.	1.2	6
93	Animal Models of Multiple Sclerosis. , 2018, , 37-72.		6
94	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
95	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
96	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
97	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
98	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
99	Neurolymphatic biomarkers of brain endothelial inflammatory activation: Implications for multiple sclerosis diagnosis. Life Sciences, 2019, 229, 116-123.	2.0	4
100	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
101	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
102	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
103	Autologous hematopoietic stem cell transplantation: a cure for multiple sclerosis?. Future Neurology, 2006, 1, 403-408.	0.9	3
104	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
105	14-3-3. , 2008, , 1-1.		2
106	Possible role of interleukin-17 in a prime/challenge model of multiple sclerosis. Journal of NeuroVirology, 2012, 18, 471-478.	1.0	2
107	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
108	Suppression of acute active EAE with a derivative of mycophenolic acid. Journal of Neuroimmunology, 1994, 54, 183.	1.1	1

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109	Central Nervous System Degeneration Caused by Autoimmune Cytotoxic CD8+ T Cell Clones and Hybridomas. , 2009, , 619-625.		1
110	POEMS syndrome with central nervous system involvement: a case report. Fukushima Journal of Medical Sciences, 1995, 41, 61-9.	0.1	1
111	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
112	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
113	Tu1737 IL-1Î² Inhibits Contraction of Intestinal Lymphatic Smooth Muscle -Implications for Chronic Gut Inflammation. Gastroenterology, 2014, 146, S-830.	0.6	0
114	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
115	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
116	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
117	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
118	Axonal degeneration as a selfâ€destructive defense mechanism against neurotropic virus infection. FASEB Journal, 2008, 22, 59.9.	0.2	0
119	Roles of CD1dâ€restricted V Îł 14 + NKT cells in Theiler's virus infection, a viral model for multiple sclerosis. FASEB Journal, 2008, 22, 856.6.	0.2	0
120	Abstract 116: Detrimental Role of Toll-Like Receptor 4 in Cardiovirus-Induced Myocarditis. Circulation Research, 2012, 111, .	2.0	0
121	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
122	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
123	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
124	Regular Exercise Training Enhances Spatial Memory and Regulates Glucocorticoid System in Experimental Autoimmune Encephalomyelitis. , 0, , .		0