C Jane Welsh

List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	1,178 citations	361413 20 h-index	395702 33 g-index
48 all docs	48 docs citations	48 times ranked	960 citing authors

#	Article	IF	Citations
1	Circulating neutrophil activation in dogs with naturally occurring spinal cord injury secondary to intervertebral disk herniation. American Journal of Veterinary Research, 2022, 83, 324-330.	0.6	2
2	Serum Cytokines Predict Neurological Damage in Genetically Diverse Mouse Models. Cells, 2022, 11, 2044.	4.1	2
3	Host genetic diversity drives variable central nervous system lesion distribution in chronic phase of Theilerâ€™s Murine Encephalomyelitis Virus (TMEV) infection. PLoS ONE, 2021, 16, e0256370.	2.5	8
4	Resilience in Long-Term Viral Infection: Genetic Determinants and Interactions. International Journal of Molecular Sciences, 2021, 22, 11379.	4.1	4
5	Genetic and immunological contributors to virus-induced paralysis. Brain, Behavior, & Immunity - Health, 2021, 18, 100395.	2.5	6
6	Antecedent presentation of neurological phenotypes in the Collaborative Cross reveals four classes with complex sex-dependencies. Scientific Reports, 2020, 10, 7918.	3.3	12
7	Characterization of Plaque-Sized Variants of Danielâ€™s (DA)ÂStrain in Theilerâ€™s Virus-Induced Epilepsy. Scientific Reports, 2019, 9, 3444.	3.3	5
8	A Three-Dimensional Arrayed Microfluidic Bloodâ€“Brain Barrier Model With Integrated Electrical Sensor Array. IEEE Transactions on Biomedical Engineering, 2018, 65, 431-439.	4.2	95
9	Host genetic background influences diverse neurological responses to viral infection in mice. Scientific Reports, 2017, 7, 12194.	3.3	26
10	Arachidonic acid pathway alterations in cerebrospinal fluid of dogs with naturally occurring spinal cord injury. BMC Neuroscience, 2016, 17, 31.	1.9	6
11	Social disruption alters pain and cognition in an animal model of multiple sclerosis. Journal of Neuroimmunology, 2015, 288, 56-68.	2.3	4
12	Acute Phase Proteins in Cerebrospinal Fluid from Dogs with Naturally-Occurring Spinal Cord Injury. Journal of Neurotrauma, 2015, 32, 1658-1665.	3.4	11
13	Cerebrospinal Fluid Inflammatory Cytokines and Chemokines in Naturally Occurring Canine Spinal Cord Injury. Journal of Neurotrauma, 2014, 31, 1561-1569.	3.4	32
14	Neonatal experience interacts with adult social stress to alter acute and chronic Theilerâ€™s virus infection. Brain, Behavior, and Immunity, 2014, 40, 110-120.	4.1	5
15	Hormone and immune system interactions in demyelinating disease. Hormones and Behavior, 2013, 63, 315-321.	2.1	7
16	Ovine Fetal Immune Response to Cache Valley Virus Infection. Journal of Virology, 2013, 87, 5586-5592.	3.4	26
17	Galectin-9 Protein Is Up-regulated in Astrocytes by Tumor Necrosis Factor and Promotes Encephalitogenic T-cell Apoptosis. Journal of Biological Chemistry, 2013, 288, 23776-23787.	3.4	68
18	Identification of the Target Cells and Sequence of Infection during Experimental Infection of Ovine Fetuses with Cache Valley Virus. Journal of Virology, 2012, 86, 4793-4800.	3.4	14

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19	Foreword for Neuroimmunomodulation in Health and Disease. Annals of the New York Academy of Sciences, 2012, 1261, vii-viii.	3.8	1
20	Social disruption induced priming of CNS inflammatory response to Theiler's virus is dependent upon stress induced IL-6 release. Journal of Neuroimmunology, 2011, 239, 44-52.	2.3	10
21	Effects of Stress on the Immune Response to Theilerâ€™s Virus â€“ Implications for Virus-Induced Autoimmunity. NeuroImmunoModulation, 2010, 17, 169-172.	1.8	17
22	Neuroimmune Interactions in a Model of Multiple Sclerosis. Annals of the New York Academy of Sciences, 2009, 1153, 209-219.	3.8	24
23	Restraint stress modulates virus specific adaptive immunity during acute Theilerâ€™s virus infection. Brain, Behavior, and Immunity, 2009, 23, 830-843.	4.1	27
24	Social Conflict Exacerbates an Animal Model of Multiple Sclerosis. Trauma, Violence, and Abuse, 2007, 8, 314-330.	6.2	4
25	Castration of male C57L/J mice increases susceptibility and estrogen treatment restores resistance to Theiler's virus-induced demyelinating disease. Journal of Neuroscience Research, 2007, 85, 871-881.	2.9	23
26	A comparison of the neurotropism of Theiler's virus and poliovirus in CBA mice. Microbial Pathogenesis, 2006, 41, 149-156.	2.9	14
27	The Effects of Restraint Stress on the Neuropathogenesis of Theilerâ€™s Virus-induced Demyelination: A Murine Model for Multiple Sclerosis. , 2006, , 190-215.		4
28	The effects of restraint stress on the neuropathogenesis of Theilerâ€™s virus infection II: NK cell function and cytokine levels in acute disease. Brain, Behavior, and Immunity, 2004, 18, 166-174.	4.1	42
29	Differential abilities of central nervous system resident endothelial cells and astrocytes to serve as inducible antigen-presenting cells. Blood, 2002, 99, 3692-3701.	1.4	49
30	The Effects of Restraint Stress on the Neuropathogenesis of Theiler's Virus Infection: I. Acute Disease. Brain, Behavior, and Immunity, 2001, 15, 235-254.	4.1	63
31	Ovine IFN-Ï„Modulates the Expression of MHC Antigens on Murine Cerebrovascular Endothelial Cells and Inhibits Replication of Theiler's Virus. Journal of Interferon and Cytokine Research, 2001, 21, 785-792.	1.2	10
32	Investigation of the role of delayed-type-hypersensitivity responses to myelin in the pathogenesis of Theilerâ€™s virus-induced demyelinating disease. Immunology, 1998, 93, 478-484.	4.4	26
33	Characteristics of cloned cerebrovascular endothelial cells following infection with Theiler's virus I. Acute infection. Journal of Neuroimmunology, 1995, 62, 119-125.	2.3	25
34	Characteristics of cloned cerebrovascular endothelial cells following infection with Theiler's virus II. Persistent infection. Journal of Neuroimmunology, 1995, 62, 127-135.	2.3	16
35	The Blood-Brain Barrier in Virus-Induced Demyelination. Advances in Experimental Medicine and Biology, 1995, 383, 105-116.	1.6	0
36	Histamine-Induced Micro vascular Leakage in Pial Venules: Differences Between the SJL/J and BALB/c Inbred Strains of Mice. Journal of Neurotrauma, 1994, 11, 161-171.	3.4	26

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37	Cloned mouse cerebrovascular endothelial cells that maintain their differentiation markers for factor VIII, low density lipoprotein, and angiotensin-converting enzyme. In Vitro Cellular and Developmental Biology - Animal, 1993, 29, 923-928.	1.5	29
38	Study of the mechanisms by which CD4+ T cells contribute to protection in Theiler's murine encephalomyelitis. Immunology, 1993, 80, 502-6.	4.4	26
39	The role of CD8+T cells in the acute and chronic phases of Theiler's murine encephalomyelitis virus-induced disease in mice. Journal of General Virology, 1992, 73, 1861-1865.	2.9	109
40	Theiler's Virus: - An Experimental Model of Virus-Induced Demyelination. Autoimmunity, 1990, 6, 105-112.	2.6	26
41	Observations on demyelinating lesions induced by Theiler's virus in CBA mice. Acta Neuropathologica, 1988, 76, 581-589.	7.7	56
42	The Effect of L3T4 T Cell Depletion on the Pathogenesis of Theiler's Murine Encephalomyelitis Virus Infection in CBA Mice. Journal of General Virology, 1987, 68, 1659-1667.	2.9	166
43	Comparison of the Arthritogenic Properties of Dietary Cowâ€™s Milk, Egg Albumin and Soya Milk in Experimental Animals. International Archives of Allergy and Immunology, 1986, 80, 192-199.	2.1	7
44	Synovitis associated with serum IgM rheumatoid factor arising spontaneously in 'Old English' rabbits.. Annals of the Rheumatic Diseases, 1986, 45, 331-338.	0.9	5
45	Experimental induction of rheumatoid factor and joint lesions in rabbits after intravenous injections of killed bacteria.. Annals of the Rheumatic Diseases, 1986, 45, 50-59.	0.9	16
46	Early Rheumatoid-Like Synovial Lesions in Rabbits Drinking Cowâ€™s Milk. International Archives of Allergy and Immunology, 1985, 78, 152-160.	2.1	10
47	Early Rheumatoid-Like Synovial Lesions in Rabbits Drinking Cowâ€™s Milk. International Archives of Allergy and Immunology, 1985, 78, 145-151.	2.1	14