

C Jane Welsh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2231539/publications.pdf>

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	The Effect of L3T4 T Cell Depletion on the Pathogenesis of Theiler's Murine Encephalomyelitis Virus Infection in CBA Mice. <i>Journal of General Virology</i> , 1987, 68, 1659-1667.	2.9	166
2	The role of CD8+T cells in the acute and chronic phases of Theiler's murine encephalomyelitis virus-induced disease in mice. <i>Journal of General Virology</i> , 1992, 73, 1861-1865.	2.9	109
3	A Three-Dimensional Arrayed Microfluidic Blood-Brain Barrier Model With Integrated Electrical Sensor Array. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 431-439.	4.2	95
4	Galectin-9 Protein Is Up-regulated in Astrocytes by Tumor Necrosis Factor and Promotes Encephalitogenic T-cell Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 23776-23787.	3.4	68
5	The Effects of Restraint Stress on the Neuropathogenesis of Theiler's Virus Infection: I. Acute Disease. <i>Brain, Behavior, and Immunity</i> , 2001, 15, 235-254.	4.1	63
6	Observations on demyelinating lesions induced by Theiler's virus in CBA mice. <i>Acta Neuropathologica</i> , 1988, 76, 581-589.	7.7	56
7	Differential abilities of central nervous system resident endothelial cells and astrocytes to serve as inducible antigen-presenting cells. <i>Blood</i> , 2002, 99, 3692-3701.	1.4	49
8	The effects of restraint stress on the neuropathogenesis of Theiler's virus infection II: NK cell function and cytokine levels in acute disease. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 166-174.	4.1	42
9	Cerebrospinal Fluid Inflammatory Cytokines and Chemokines in Naturally Occurring Canine Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1561-1569.	3.4	32
10	Cloned mouse cerebrovascular endothelial cells that maintain their differentiation markers for factor VIII, low density lipoprotein, and angiotensin-converting enzyme. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1993, 29, 923-928.	1.5	29
11	Restraint stress modulates virus specific adaptive immunity during acute Theiler's virus infection. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 830-843.	4.1	27
12	Theiler's Virus: - An Experimental Model of Virus-Induced Demyelination. <i>Autoimmunity</i> , 1990, 6, 105-112.	2.6	26
13	Histamine-Induced Micro vascular Leakage in Pial Venules: Differences Between the SJL/J and BALB/c Inbred Strains of Mice. <i>Journal of Neurotrauma</i> , 1994, 11, 161-171.	3.4	26
14	Investigation of the role of delayed-type-hypersensitivity responses to myelin in the pathogenesis of Theiler's virus-induced demyelinating disease. <i>Immunology</i> , 1998, 93, 478-484.	4.4	26
15	Ovine Fetal Immune Response to Cache Valley Virus Infection. <i>Journal of Virology</i> , 2013, 87, 5586-5592.	3.4	26
16	Host genetic background influences diverse neurological responses to viral infection in mice. <i>Scientific Reports</i> , 2017, 7, 12194.	3.3	26
17	Study of the mechanisms by which CD4+ T cells contribute to protection in Theiler's murine encephalomyelitis. <i>Immunology</i> , 1993, 80, 502-6.	4.4	26
18	Characteristics of cloned cerebrovascular endothelial cells following infection with Theiler's virus I. Acute infection. <i>Journal of Neuroimmunology</i> , 1995, 62, 119-125.	2.3	25

#	ARTICLE	IF	CITATIONS
19	Neuroimmune Interactions in a Model of Multiple Sclerosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1153, 209-219.	3.8	24
20	Castration of male C57L/J mice increases susceptibility and estrogen treatment restores resistance to Theiler's virus-induced demyelinating disease. <i>Journal of Neuroscience Research</i> , 2007, 85, 871-881.	2.9	23
21	Effects of Stress on the Immune Response to Theiler's Virus – Implications for Virus-Induced Autoimmunity. <i>NeuroImmunoModulation</i> , 2010, 17, 169-172.	1.8	17
22	Experimental induction of rheumatoid factor and joint lesions in rabbits after intravenous injections of killed bacteria. <i>Annals of the Rheumatic Diseases</i> , 1986, 45, 50-59.	0.9	16
23	Characteristics of cloned cerebrovascular endothelial cells following infection with Theiler's virus II. Persistent infection. <i>Journal of Neuroimmunology</i> , 1995, 62, 127-135.	2.3	16
24	Early Rheumatoid-Like Synovial Lesions in Rabbits Drinking Cow's Milk. <i>International Archives of Allergy and Immunology</i> , 1985, 78, 145-151.	2.1	14
25	A comparison of the neurotropism of Theiler's virus and poliovirus in CBA mice. <i>Microbial Pathogenesis</i> , 2006, 41, 149-156.	2.9	14
26	Identification of the Target Cells and Sequence of Infection during Experimental Infection of Ovine Fetuses with Cache Valley Virus. <i>Journal of Virology</i> , 2012, 86, 4793-4800.	3.4	14
27	Antecedent presentation of neurological phenotypes in the Collaborative Cross reveals four classes with complex sex-dependencies. <i>Scientific Reports</i> , 2020, 10, 7918.	3.3	12
28	Acute Phase Proteins in Cerebrospinal Fluid from Dogs with Naturally-Occurring Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1658-1665.	3.4	11
29	Early Rheumatoid-Like Synovial Lesions in Rabbits Drinking Cow's Milk. <i>International Archives of Allergy and Immunology</i> , 1985, 78, 152-160.	2.1	10
30	Ovine IFN- γ Modulates the Expression of MHC Antigens on Murine Cerebrovascular Endothelial Cells and Inhibits Replication of Theiler's Virus. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 785-792.	1.2	10
31	Social disruption induced priming of CNS inflammatory response to Theiler's virus is dependent upon stress induced IL-6 release. <i>Journal of Neuroimmunology</i> , 2011, 239, 44-52.	2.3	10
32	Host genetic diversity drives variable central nervous system lesion distribution in chronic phase of Theiler's Murine Encephalomyelitis Virus (TMEV) infection. <i>PLoS ONE</i> , 2021, 16, e0256370.	2.5	8
33	Comparison of the Arthritogenic Properties of Dietary Cow's Milk, Egg Albumin and Soya Milk in Experimental Animals. <i>International Archives of Allergy and Immunology</i> , 1986, 80, 192-199.	2.1	7
34	Hormone and immune system interactions in demyelinating disease. <i>Hormones and Behavior</i> , 2013, 63, 315-321.	2.1	7
35	Arachidonic acid pathway alterations in cerebrospinal fluid of dogs with naturally occurring spinal cord injury. <i>BMC Neuroscience</i> , 2016, 17, 31.	1.9	6
36	Genetic and immunological contributors to virus-induced paralysis. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100395.	2.5	6

#	ARTICLE	IF	CITATIONS
37	Synovitis associated with serum IgM rheumatoid factor arising spontaneously in 'Old English' rabbits.. <i>Annals of the Rheumatic Diseases</i> , 1986, 45, 331-338.	0.9	5
38	Neonatal experience interacts with adult social stress to alter acute and chronic Theilerâ€™s virus infection. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 110-120.	4.1	5
39	Characterization of Plaque-Sized Variants of Danielâ€™s (DA) Strain in Theilerâ€™s Virus-Induced Epilepsy. <i>Scientific Reports</i> , 2019, 9, 3444.	3.3	5
40	Social Conflict Exacerbates an Animal Model of Multiple Sclerosis. <i>Trauma, Violence, and Abuse</i> , 2007, 8, 314-330.	6.2	4
41	Social disruption alters pain and cognition in an animal model of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2015, 288, 56-68.	2.3	4
42	The Effects of Restraint Stress on the Neuropathogenesis of Theilerâ€™s Virus-induced Demyelination: A Murine Model for Multiple Sclerosis. , 2006, , 190-215.		4
43	Resilience in Long-Term Viral Infection: Genetic Determinants and Interactions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11379.	4.1	4
44	Circulating neutrophil activation in dogs with naturally occurring spinal cord injury secondary to intervertebral disk herniation. <i>American Journal of Veterinary Research</i> , 2022, 83, 324-330.	0.6	2
45	Serum Cytokines Predict Neurological Damage in Genetically Diverse Mouse Models. <i>Cells</i> , 2022, 11, 2044.	4.1	2
46	Foreword for Neuroimmunomodulation in Health and Disease. <i>Annals of the New York Academy of Sciences</i> , 2012, 1261, vii-viii.	3.8	1
47	The Blood-Brain Barrier in Virus-Induced Demyelination. <i>Advances in Experimental Medicine and Biology</i> , 1995, 383, 105-116.	1.6	0