

# Wolfgang Baumgärtner

## List of Publications by Year in descending order

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218  
papers

5,984  
citations

81900

39  
h-index

118850

62  
g-index

225  
all docs

225  
docs citations

225  
times ranked

7463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes regulate myelin clearance through recruitment of microglia during cuprizone-induced demyelination. <i>Brain</i> , 2013, 136, 147-167.	7.6	298
2	Neurotropic virus infections as the cause of immediate and delayed neuropathology. <i>Acta Neuropathologica</i> , 2016, 131, 159-184.	7.7	223
3	An orthopoxvirus-based vaccine reduces virus excretion after MERS-CoV infection in dromedary camels. <i>Science</i> , 2016, 351, 77-81.	12.6	216
4	Cross-species transmission of canine distemper virus – an update. <i>One Health</i> , 2015, 1, 49-59.	3.4	168
5	Long-Term Neuroinflammation Induced by Influenza A Virus Infection and the Impact on Hippocampal Neuron Morphology and Function. <i>Journal of Neuroscience</i> , 2018, 38, 3060-3080.	3.6	143
6	Clinical course of infection and viral tissue tropism of hepatitis C virus – like nonprimate hepaciviruses in horses. <i>Hepatology</i> , 2015, 61, 447-459.	7.3	116
7	Presence of atypical porcine pestivirus (APPV) genomes in newborn piglets correlates with congenital tremor. <i>Scientific Reports</i> , 2016, 6, 27735.	3.3	113
8	Differential Expression of the Middle East Respiratory Syndrome Coronavirus Receptor in the Upper Respiratory Tracts of Humans and Dromedary Camels. <i>Journal of Virology</i> , 2016, 90, 4838-4842.	3.4	107
9	Schmallenberg Virus Pathogenesis, Tropism and Interaction with the Innate Immune System of the Host. <i>PLoS Pathogens</i> , 2013, 9, e1003133.	4.7	94
10	Avian Influenza A(H10N7) Virus – Associated Mass Deaths among Harbor Seals. <i>Emerging Infectious Diseases</i> , 2015, 21, 720-722.	4.3	92
11	MMP-12, MMP-3, and TIMP-1 Are Markedly Upregulated in Chronic Demyelinating Theiler Murine Encephalomyelitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 783-793.	1.7	81
12	The differentiated airway epithelium infected by influenza viruses maintains the barrier function despite a dramatic loss of ciliated cells. <i>Scientific Reports</i> , 2016, 6, 39668.	3.3	81
13	Pivotal role of choline metabolites in remyelination. <i>Brain</i> , 2015, 138, 398-413.	7.6	80
14	New Aspects of the Pathogenesis of Canine Distemper Leukoencephalitis. <i>Viruses</i> , 2014, 6, 2571-2601.	3.3	75
15	SARS-CoV-2 Omicron variant causes mild pathology in the upper and lower respiratory tract of hamsters. <i>Nature Communications</i> , 2022, 13, .	12.8	73
16	Matrix Metalloproteinases and Their Inhibitors in the Developing Mouse Brain and Spinal Cord: A Reverse Transcription Quantitative Polymerase Chain Reaction Study. <i>Developmental Neuroscience</i> , 2005, 27, 408-418.	2.0	70
17	Robust hepatitis E virus infection and transcriptional response in human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1731-1741.	7.1	67
18	Prominent Microglial Activation in the Early Proinflammatory Immune Response in Naturally Occurring Canine Spinal Cord Injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 703-714.	1.7	65

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19	Effector molecules released by Th1 but not Th17 cells drive an M1 response in microglia. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 248-259.	4.1	65
20	Axonal Pathology and Loss Precede Demyelination and Accompany Chronic Lesions in a Spontaneously Occurring Animal Model of Multiple Sclerosis. <i>Brain Pathology</i> , 2010, 20, 551-559.	4.1	63
21	Synaptophysin Is a Reliable Marker for Axonal Damage. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 109-125.	1.7	61
22	Species-specific control of cellular proliferation and the impact of large animal models for the use of olfactory ensheathing cells and Schwann cells in spinal cord repair. <i>Experimental Neurology</i> , 2011, 229, 80-87.	4.1	59
23	Pathology in Captive Wild Felids at German Zoological Gardens. <i>PLoS ONE</i> , 2015, 10, e0130573.	2.5	58
24	Brain inflammation, neurodegeneration and seizure development following picornavirus infection markedly differ among virus and mouse strains and substrains. <i>Experimental Neurology</i> , 2016, 279, 57-74.	4.1	57
25	Spatial distribution of cannabinoid receptor type 1 (CB1) in normal canine central and peripheral nervous system. <i>PLoS ONE</i> , 2017, 12, e0181064.	2.5	57
26	Morphologic, phenotypic, and transcriptomic characterization of classically and alternatively activated canine blood-derived macrophages in vitro. <i>PLoS ONE</i> , 2017, 12, e0183572.	2.5	57
27	Increased expression of pro-inflammatory cytokines and lack of up-regulation of anti-inflammatory cytokines in early distemper CNS lesions. <i>Journal of Neuroimmunology</i> , 2002, 125, 30-41.	2.3	54
28	Machine learning approach identifies new pathways associated with demyelination in a viral model of multiple sclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 434-448.	3.6	53
29	Up-regulation of mRNA for matrix metalloproteinases-9 and -14 in advanced lesions of demyelinating canine distemper leukoencephalitis. <i>Acta Neuropathologica</i> , 2005, 110, 369-382.	7.7	50
30	Vimentin-positive astrocytes in canine distemper: a target for canine distemper virus especially in chronic demyelinating lesions?. <i>Acta Neuropathologica</i> , 2007, 114, 597-608.	7.7	49
31	Matrix metalloproteinase-12 deficiency ameliorates the clinical course and demyelination in Theilerâ€™s murine encephalomyelitis. <i>Acta Neuropathologica</i> , 2012, 124, 127-142.	7.7	48
32	A Missense Change in the ATG4D Gene Links Aberrant Autophagy to a Neurodegenerative Vacuolar Storage Disease. <i>PLoS Genetics</i> , 2015, 11, e1005169.	3.5	48
33	Microgliosis and neuronal proteinopathy in brain persist beyond viral clearance in SARS-CoV-2 hamster model. <i>EBioMedicine</i> , 2022, 79, 103999.	6.1	48
34	Vasculitis and Neutrophil Extracellular Traps in Lungs of Golden Syrian Hamsters With SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 640842.	4.8	45
35	Assembly of viral genomes from metagenomes. <i>Frontiers in Microbiology</i> , 2014, 5, 714.	3.5	44
36	Similar behaviour and primate-like properties of adult canine Schwann cells and olfactory ensheathing cells in long-term culture. <i>Brain Research</i> , 2008, 1240, 31-38.	2.2	43

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37	Effects of Murine and Human Bone Marrow-Derived Mesenchymal Stem Cells on Cuprizone Induced Demyelination. <i>PLoS ONE</i> , 2013, 8, e69795.	2.5	43
38	Generation and characterization of a polyclonal antibody for the detection of Theiler's murine encephalomyelitis virus by light and electron microscopy. <i>Journal of Virological Methods</i> , 2009, 160, 185-188.	2.1	42
39	Immune protection against reinfection with nonprimate hepacivirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2430-E2439.	7.1	42
40	Novel canine bocavirus strain associated with severe enteritis in a dog litter. <i>Veterinary Microbiology</i> , 2014, 174, 1-8.	1.9	41
41	Novel divergent nidovirus in a python with pneumonia. <i>Journal of General Virology</i> , 2014, 95, 2480-2485.	2.9	41
42	Dynamic Changes of Microglia/Macrophage <sc>M</sc>1 and <sc>M</sc>2 Polarization in <sc>T</sc>heiler's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2015, 25, 712-723.	4.1	41
43	Matrix Metalloproteinases and Their Tissue Inhibitors in Cuprizone-Induced Demyelination and Remyelination of Brain White and Gray Matter. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 758-769.	1.7	40
44	Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats. <i>Archives of Toxicology</i> , 2019, 93, 1095-1139.	4.2	40
45	Pathological findings in the red fox ( <i>Vulpes vulpes</i> ), stone marten ( <i>Martes foina</i> ) and raccoon dog ( <i>Nyctereutes procyonoides</i> ), with special emphasis on infectious and zoonotic agents in Northern Germany. <i>PLoS ONE</i> , 2017, 12, e0175469.	2.5	40
46	The C-type Lectin Receptor CLEC12A Recognizes Plasmodial Hemozoin and Contributes to Cerebral Malaria Development. <i>Cell Reports</i> , 2019, 28, 30-38.e5.	6.4	39
47	Distinct Spatio-temporal Extracellular Matrix Accumulation within Demyelinated Spinal Cord Lesions in Theiler's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2012, 22, 188-204.	4.1	38
48	Spatio-temporal Development of Axonopathy in Canine Intervertebral Disc Disease as a Translational Large Animal Model for Nonexperimental Spinal Cord Injury. <i>Brain Pathology</i> , 2013, 23, 82-99.	4.1	38
49	Vascular Inflammation Is Associated with Loss of Aquaporin 1 Expression on Endothelial Cells and Increased Fluid Leakage in SARS-CoV-2 Infected Golden Syrian Hamsters. <i>Viruses</i> , 2021, 13, 639.	3.3	38
50	Microglial Contribution to Secondary Injury Evaluated in a Large Animal Model of Human Spinal Cord Trauma. <i>Journal of Neurotrauma</i> , 2012, 29, 1000-1011.	3.4	36
51	Schmallenberg Virus in Central Nervous System of Ruminants. <i>Emerging Infectious Diseases</i> , 2012, 19, 154-155.	4.3	36
52	Type I interferons in the pathogenesis and treatment of canine diseases. <i>Veterinary Immunology and Immunopathology</i> , 2017, 191, 80-93.	1.2	36
53	Axonopathy Is Associated with Complex Axonal Transport Defects in a Model of Multiple Sclerosis. <i>Brain Pathology</i> , 2012, 22, 454-471.	4.1	35
54	An ACE2-blocking antibody confers broad neutralization and protection against Omicron and other SARS-CoV-2 variants of concern. <i>Science Immunology</i> , 2022, 7, eabp9312.	11.9	35

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55	Phase-dependent expression of matrix metalloproteinases and their inhibitors in demyelinating canine distemper encephalitis. <i>Acta Neuropathologica</i> , 2003, 106, 486-494.	7.7	34
56	Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated <i>In Silico</i> High-Throughput Sequencing Data Sets. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	34
57	Infections with highly pathogenic avian influenza A virus (HPAIV) H5N8 in harbor seals at the German North Sea coast, 2021. <i>Emerging Microbes and Infections</i> , 2022, 11, 725-729.	6.5	34
58	Ets-1 represents a pivotal transcription factor for viral clearance, inflammation, and demyelination in a mouse model of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2007, 188, 86-94.	2.3	33
59	Experimental infection of dromedaries with Middle East respiratory syndrome-Coronavirus is accompanied by massive ciliary loss and depletion of the cell surface receptor dipeptidyl peptidase 4. <i>Scientific Reports</i> , 2018, 8, 9778.	3.3	33
60	Intranasal Delivery of MVA Vector Vaccine Induces Effective Pulmonary Immunity Against SARS-CoV-2 in Rodents. <i>Frontiers in Immunology</i> , 2021, 12, 772240.	4.8	33
61	Transcriptional profiling predicts overwhelming homology of schwann cells, olfactory ensheathing cells, and schwann cell-like glia. <i>Glia</i> , 2014, 62, 1559-1581.	4.9	32
62	Influence of persistent canine distemper virus infection on expression of RECK, matrix-metalloproteinases and their inhibitors in a canine macrophage/monocytic tumour cell line (DH82). <i>Veterinary Journal</i> , 2009, 182, 100-107.	1.7	31
63	First report of a new alphaherpesvirus in a freshwater turtle ( <i>Pseudemys concinna concinna</i> ) kept in Germany. <i>Veterinary Microbiology</i> , 2014, 170, 403-407.	1.9	31
64	p75 Neurotrophin Receptor: A Double-Edged Sword in Pathology and Regeneration of the Central Nervous System. <i>Veterinary Pathology</i> , 2018, 55, 786-801.	1.7	31
65	Central Nervous System Demyelination and Remyelination is Independent from Systemic Cholesterol Level in <i>Thy1-Cre</i> 's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2016, 26, 102-119.	4.1	30
66	Cuprizone inhibits demyelinating leukomyelitis by reducing immune responses without virus exacerbation in an infectious model of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2012, 244, 84-93.	2.3	29
67	Impact of Astrocyte Depletion upon Inflammation and Demyelination in a Murine Animal Model of Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3922.	4.1	29
68	The CARD9-Associated C-Type Lectin, Mincle, Recognizes La Crosse Virus (LACV) but Plays a Limited Role in Early Antiviral Responses against LACV. <i>Viruses</i> , 2019, 11, 303.	3.3	29
69	High Preservation of DNA Standards Diluted in 50% Glycerol. <i>Diagnostic Molecular Pathology</i> , 2007, 16, 153-157.	2.1	28
70	Periventricular Demyelination and Axonal Pathology Is Associated with Subependymal Virus Spread in a Murine Model for Multiple Sclerosis. <i>Intervirology</i> , 2012, 55, 401-416.	2.8	28
71	Spatiotemporal Analysis of the Genetic Diversity of Seal Influenza A(H10N7) Virus, Northwestern Europe. <i>Journal of Virology</i> , 2016, 90, 4269-4277.	3.4	28
72	Schwann cell-free adult canine olfactory ensheathing cell preparations from olfactory bulb and mucosa display differential migratory and neurite growth-promoting properties in vitro. <i>BMC Neuroscience</i> , 2013, 14, 141.	1.9	27

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73	Transcriptomic Meta-Analysis of Multiple Sclerosis and Its Experimental Models. PLoS ONE, 2014, 9, e86643.	2.5	27
74	Chronic post-traumatic intramedullary lesions in dogs, a translational model. PLoS ONE, 2017, 12, e0187746.	2.5	27
75	Malignant catarrhal fever-like lesions associated with ovine herpesvirus-2 infection in three goats. Veterinary Microbiology, 2007, 124, 353-357.	1.9	26
76	Interleukin-10 expression during the acute phase is a putative prerequisite for delayed viral elimination in a murine model for multiple sclerosis. Journal of Neuroimmunology, 2012, 249, 27-39.	2.3	26
77	Transcriptional Changes in Canine Distemper Virus-Induced Demyelinating Leukoencephalitis Favor a Biphasic Mode of Demyelination. PLoS ONE, 2014, 9, e95917.	2.5	26
78	Spatio-temporal expression of immediate early genes in the central nervous system of SJL/J mice. International Journal of Developmental Neuroscience, 2005, 23, 637-649.	1.6	25
79	Induction of Activator Protein-1 and Nuclear Factor- $\kappa$ B as a Prerequisite for Disease Development in Susceptible SJL/J Mice After Theiler Murine Encephalomyelitis. Journal of Neuropathology and Experimental Neurology, 2007, 66, 809-818.	1.7	25
80	TECPR2 Associated Neuroaxonal Dystrophy in Spanish Water Dogs. PLoS ONE, 2015, 10, e0141824.	2.5	25
81	Mesenchymal stem cells do not exert direct beneficial effects on CNS remyelination in the absence of the peripheral immune system. Brain, Behavior, and Immunity, 2015, 50, 155-165.	4.1	25
82	Porcine Bocavirus Infection Associated with Encephalomyelitis in a Pig, Germany <sup>1</sup> . Emerging Infectious Diseases, 2016, 22, 1310-1312.	4.3	25
83	Immunophenotyping of Inflammatory Cells Associated with Schmallenberg Virus Infection of the Central Nervous System of Ruminants. PLoS ONE, 2013, 8, e62939.	2.5	25
84	Viral mouse models of multiple sclerosis and epilepsy: Marked differences in neuropathogenesis following infection with two naturally occurring variants of Theiler's virus BeAn strain. Neurobiology of Disease, 2017, 99, 121-132.	4.4	24
85	Reduced angiogenic gene expression in morbillivirus-triggered oncolysis in a translational model for histiocytic sarcoma. Journal of Cellular and Molecular Medicine, 2017, 21, 816-830.	3.6	24
86	Ferrets are valuable models for SARS-CoV-2 research. Veterinary Pathology, 2022, 59, 661-672.	1.7	24
87	Increased p75 neurotrophin receptor expression in the canine distemper virus model of multiple sclerosis identifies oligodendroglial schwann cells that emerge in response to axonal damage. Glia, 2012, 60, 358-371.	4.9	23
88	STAT3 represents a molecular switch possibly inducing astroglial instead of oligodendroglial differentiation of oligodendroglial progenitor cells in Theiler's murine encephalomyelitis. Neuropathology and Applied Neurobiology, 2015, 41, 347-370.	3.2	23
89	Liver-expressed <i>Cd302</i> and <i>Cr1l</i> limit hepatitis C virus cross-species transmission to mice. Science Advances, 2020, 6, .	10.3	23
90	Increase of Pro-Inflammatory Cytokine Expression in Non-Demyelinating Early Cerebral Lesions in Nervous Canine Distemper. Viral Immunology, 2008, 21, 401-410.	1.3	22

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91	Interferon-beta expression and type I interferon receptor signaling of hepatocytes prevent hepatic necrosis and virus dissemination in Coxsackievirus B3-infected mice. <i>PLoS Pathogens</i> , 2018, 14, e1007235.	4.7	22
92	Contribution of Schwann Cells to Remyelination in a Naturally Occurring Canine Model of CNS Neuroinflammation. <i>PLoS ONE</i> , 2015, 10, e0133916.	2.5	21
93	Comparison of Different In Situ Hybridization Techniques for the Detection of Various RNA and DNA Viruses. <i>Viruses</i> , 2018, 10, 384.	3.3	21
94	The endocannabinoid system in canine Steroid-Responsive Meningitis-Arteritis and Intraspinal Spirocercosis. <i>PLoS ONE</i> , 2018, 13, e0187197.	2.5	21
95	Transient Peripheral Immune Response and Central Nervous System Leaky Compartmentalization in a Viral Model for Multiple Sclerosis. <i>Brain Pathology</i> , 2010, 20, 890-901.	4.1	20
96	Toward Defining the Regenerative Potential of Olfactory Mucosa: Establishment of Schwann Cell-Free Adult Canine Olfactory Ensheathing Cell Preparations Suitable for Transplantation. <i>Cell Transplantation</i> , 2013, 22, 355-367.	2.5	20
97	Differential transcription of matrix-metalloproteinase genes in primary mouse astrocytes and microglia infected with Theiler's murine encephalomyelitis virus. <i>Journal of NeuroVirology</i> , 2008, 14, 205-217.	2.1	18
98	Theiler's murine encephalomyelitis virus preferentially infects immature stages of the murine oligodendrocyte precursor cell line BO-1 and blocks oligodendrocytic differentiation in vitro. <i>Brain Research</i> , 2010, 1327, 24-37.	2.2	18
99	Passage-dependent morphological and phenotypical changes of a canine histiocytic sarcoma cell line (DH82 cells). <i>Veterinary Immunology and Immunopathology</i> , 2015, 163, 86-92.	1.2	18
100	Co-localization of Middle East respiratory syndrome coronavirus (MERS-CoV) and dipeptidyl peptidase-4 in the respiratory tract and lymphoid tissues of pigs and llamas. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 831-841.	3.0	18
101	Interferon-stimulated genes essential antiviral effectors implicated in resistance to Theiler's virus-induced demyelinating disease. <i>Journal of Neuroinflammation</i> , 2015, 12, 242.	7.2	17
102	Association of Batai Virus Infection and Encephalitis in Harbor Seals, Germany, 2016. <i>Emerging Infectious Diseases</i> , 2018, 24, 1691-1695.	4.3	17
103	Mesenchymal Stem Cells Form 3D Clusters Following Intraventricular Transplantation. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 60-73.	2.3	17
104	Highly Malignant Behavior of a Murine Oligodendrocyte Precursor Cell Line following Transplantation into the Demyelinated and Nondemyelinated Central Nervous System. <i>Cell Transplantation</i> , 2012, 21, 1161-1175.	2.5	16
105	Limited role of regulatory T cells during acute Theiler virus-induced encephalitis in resistant C57BL/6 mice. <i>Journal of Neuroinflammation</i> , 2014, 11, 180.	7.2	16
106	Susceptibility of primary chicken intestinal epithelial cells for low pathogenic avian influenza virus and velogenic viscerotropic Newcastle disease virus. <i>Virus Research</i> , 2016, 225, 50-63.	2.2	16
107	Basal Autophagy Is Altered in Lagotto Romagnolo Dogs with an <i>ATG4D</i> Mutation. <i>Veterinary Pathology</i> , 2017, 54, 953-963.	1.7	16
108	Emergence and Epidemiology of Bovine Babesiosis Due to <i>Babesia divergens</i> on a Northern German Beef Production Farm. <i>Frontiers in Veterinary Science</i> , 2020, 7, 649.	2.2	16

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109	The Upper Respiratory Tract of Felids Is Highly Susceptible to SARS-CoV-2 Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10636.	4.1	16
110	Influenza A (H10N7) Virus Causes Respiratory Tract Disease in Harbor Seals and Ferrets. <i>PLoS ONE</i> , 2016, 11, e0159625.	2.5	16
111	SARS-CoV-2 Infection Dysregulates Cilia and Basal Cell Homeostasis in the Respiratory Epithelium of Hamsters. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5124.	4.1	16
112	Defining the morphological phenotype: 2'-3'-cyclic nucleotide 3'-phosphodiesterase (CNPase) is a novel marker for in situ detection of canine but not rat olfactory ensheathing cells. <i>Cell and Tissue Research</i> , 2011, 344, 391-405.	2.9	15
113	Viral Oncolysis – Can Insights from Measles Be Transferred to Canine Distemper Virus?. <i>Viruses</i> , 2014, 6, 2340-2375.	3.3	15
114	Evaluation of a panel of antibodies for the immunohistochemical identification of immune cells in paraffin-embedded lymphoid tissues of new- and old-world camelids. <i>Veterinary Immunology and Immunopathology</i> , 2017, 184, 42-53.	1.2	15
115	Phenotypical peculiarities and species-specific differences of canine and murine satellite glial cells of spinal ganglia. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6909-6924.	3.6	15
116	<i>Bordetella bronchiseptica</i> promotes adherence, colonization, and cytotoxicity of <i>Streptococcus suis</i> in a porcine precision-cut lung slice model. <i>Virulence</i> , 2021, 12, 84-95.	4.4	15
117	Distinct cell tropism of canine distemper virus strains to adult olfactory ensheathing cells and Schwann cells in vitro. <i>Virus Research</i> , 2009, 144, 195-201.	2.2	14
118	Canine Distemper Virus Infection Leads to an Inhibitory Phenotype of Monocyte-Derived Dendritic Cells In Vitro with Reduced Expression of Co-Stimulatory Molecules and Increased Interleukin-10 Transcription. <i>PLoS ONE</i> , 2014, 9, e96121.	2.5	14
119	The Mammalian Cervical Vertebrae Blueprint Depends on the <i>Brachyury</i> Gene. <i>Genetics</i> , 2015, 199, 873-883.	2.9	14
120	Mesenchymal to epithelial transition driven by canine distemper virus infection of canine histiocytic sarcoma cells contributes to a reduced cell motility in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9332-9348.	3.6	14
121	Analysis of avian Usutu virus infections in Germany from 2011 to 2018 with focus on dsRNA detection to demonstrate viral infections. <i>Scientific Reports</i> , 2021, 11, 24191.	3.3	14
122	Cell surface expression of 27C7 by neonatal rat olfactory ensheathing cells in situ and in vitro is independent of axonal contact. <i>Histochemistry and Cell Biology</i> , 2011, 135, 397-408.	1.7	13
123	The antiviral drug ganciclovir does not inhibit microglial proliferation and activation. <i>Scientific Reports</i> , 2015, 5, 14935.	3.3	13
124	Immunophenotyping of immune cell populations in the raccoon ( <i>Procyon lotor</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 140-146.	1.2	13
125	Microarray-Based Gene Expression Analysis for Veterinary Pathologists: A Review. <i>Veterinary Pathology</i> , 2017, 54, 734-755.	1.7	13
126	Intact interleukin-10 receptor signaling protects from hippocampal damage elicited by experimental neurotropic virus infection of SJL mice. <i>Scientific Reports</i> , 2018, 8, 6106.	3.3	13



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127	Current Insights Into the Pathology of Canine Intervertebral Disc Extrusion-Induced Spinal Cord Injury. <i>Frontiers in Veterinary Science</i> , 2020, 7, 595796.	2.2	13
128	Oxidative Stress in Canine Histiocytic Sarcoma Cells Induced by an Infection with Canine Distemper Virus Led to a Dysregulation of HIF-1 $\alpha$ Downstream Pathway Resulting in a Reduced Expression of VEGF-B In Vitro. <i>Viruses</i> , 2020, 12, 200.	3.3	13
129	Initial Hepatitis C Virus Infection of Adult Hepatocytes Triggers a Temporally Structured Transcriptional Program Containing Diverse Pro- and Antiviral Elements. <i>Journal of Virology</i> , 2021, 95, .	3.4	13
130	Subcutaneous merocercoids of <i>Clistobothrium</i> sp. in two Cape fur seals ( <i>Arctocephalus pusillus</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.5	12
131	Dynamic changes and molecular analysis of cell death in the spinal cord of SJL mice infected with the BeAn strain of Theiler's murine encephalomyelitis virus. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 170-186.	4.9	12
132	Cytotoxic CD8 <sup>+</sup> T cell ablation enhances the capacity of regulatory T cells to delay viral elimination in Theiler's murine encephalomyelitis. <i>Brain Pathology</i> , 2018, 28, 349-368.	4.1	12
133	Further characterization of bovine hepatitis virus: Antibody response, course of infection, and host tropism. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 195-206.	3.0	12
134	Tropism and Induction of Cytokines in Human Embryonic-Stem Cells-Derived Neural Progenitors upon Inoculation with Highly- Pathogenic Avian H5N1 Influenza Virus. <i>PLoS ONE</i> , 2015, 10, e0135850.	2.5	12
135	A rapid method for gene expression analysis of Borna disease virus in neurons and astrocytes using laser microdissection and real-time RT-PCR. <i>Journal of Virological Methods</i> , 2008, 148, 58-65.	2.1	11
136	Variations on brain microglial gene expression of MMPs, RECK, and TIMPs in inflammatory and non-inflammatory diseases in dogs. <i>Veterinary Immunology and Immunopathology</i> , 2011, 144, 17-26.	1.2	11
137	The influence of chronic l-carnitine supplementation on the formation of preneoplastic and atherosclerotic lesions in the colon and aorta of male F344 rats. <i>Archives of Toxicology</i> , 2015, 89, 2079-2087.	4.2	11
138	Viral Infection of the Central Nervous System Exacerbates Interleukin-10 Receptor Deficiency-Mediated Colitis in SJL Mice. <i>PLoS ONE</i> , 2016, 11, e0161883.	2.5	11
139	Virus-triggered spinal cord demyelination is followed by a peripheral neuropathy resembling features of Guillain-Barré Syndrome. <i>Scientific Reports</i> , 2019, 9, 4588.	3.3	11
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146	Profiling the Expression of Endoplasmic Reticulum Stress Associated Heat Shock Proteins in Animal Epilepsy Models. <i>Neuroscience</i> , 2020, 429, 156-172.	2.3	10
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165	Cytokine expression and lymphocyte proliferative capacity in diseased harbor porpoises ( <i>Phocoena</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 247, 783-791.	7.5	7
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212	Experimental cross-species infection of donkeys with equine hepacivirus and analysis of host immune signatures. <i>One Health Outlook</i> , 2022, 4, 9.	3.4	1
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215	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0
216	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0

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