

# Andreas Beineke

## List of Publications by Year in descending order

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91  
papers

2,667  
citations

186265

28  
h-index

223800

46  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3632  
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo ZIC2 frameshift variant associated with frontonasal dysplasia in a Limousin calf. BMC Genomics, 2021, 22, 1.	2.8	259
2	Cross-species transmission of canine distemper virus – an update. One Health, 2015, 1, 49-59.	3.4	168
3	Investigations of the Potential Influence of Environmental Contaminants on the Thymus and Spleen of Harbor Porpoises ( <i>Phocoena phocoena</i> ). Environmental Science & Technology, 2005, 39, 3933-3938.	10.0	136
4	Identification of a Novel Hepacivirus in Domestic Cattle from Germany. Journal of Virology, 2015, 89, 7007-7015.	3.4	93
5	A Major Role for Myeloid-Derived Suppressor Cells and a Minor Role for Regulatory T Cells in Immunosuppression during <i>Staphylococcus aureus</i> Infection. Journal of Immunology, 2015, 194, 1100-1111.	0.8	89
6	<i>Streptococcus suis</i> Bacterin and Subunit Vaccine Immunogenicities and Protective Efficacies against Serotypes 2 and 9. Vaccine Journal, 2009, 16, 200-208.	3.1	86
7	The differentiated airway epithelium infected by influenza viruses maintains the barrier function despite a dramatic loss of ciliated cells. Scientific Reports, 2016, 6, 39668.	3.3	81
8	Neutrophil extracellular trap formation in the <i>Streptococcus suis</i> -infected cerebrospinal fluid compartment. Cellular Microbiology, 2017, 19, e12649.	2.1	79
9	Immunology of whales and dolphins. Veterinary Immunology and Immunopathology, 2010, 133, 81-94.	1.2	66
10	Prominent Microglial Activation in the Early Proinflammatory Immune Response in Naturally Occurring Canine Spinal Cord Injury. Journal of Neuropathology and Experimental Neurology, 2011, 70, 703-714.	1.7	65
11	Effector molecules released by Th1 but not Th17 cells drive an M1 response in microglia. Brain, Behavior, and Immunity, 2014, 37, 248-259.	4.1	65
12	Comparative evaluation of virulence and pathology of <i>Streptococcus suis</i> serotypes 2 and 9 in experimentally infected growers. Veterinary Microbiology, 2008, 128, 423-430.	1.9	63
13	Synaptophysin Is a Reliable Marker for Axonal Damage. Journal of Neuropathology and Experimental Neurology, 2017, 76, 109-125.	1.7	61
14	Host-inherent variability influences the transcriptional response of <i>Staphylococcus aureus</i> during in vivo infection. Nature Communications, 2017, 8, 14268.	12.8	58
15	Facets of Theiler's Murine Encephalomyelitis Virus-Induced Diseases: An Update. International Journal of Molecular Sciences, 2019, 20, 448.	4.1	52
16	Phocine Distemper in German Seals, 2002. Emerging Infectious Diseases, 2004, 10, 723-725.	4.3	49
17	Identification of a Novel Subset of Myeloid-Derived Suppressor Cells During Chronic Staphylococcal Infection That Resembles Immature Eosinophils. Journal of Infectious Diseases, 2017, 216, 1444-1451.	4.0	48
18	Microgliosis and neuronal proteinopathy in brain persist beyond viral clearance in SARS-CoV-2 hamster model. EBioMedicine, 2022, 79, 103999.	6.1	48

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19	Increased blood interleukin-10 mRNA levels in diseased free-ranging harbor porpoises ( <i>Phocoena phocoena</i> ). <i>Journal of Virological Methods</i> , 2009, 160, 185-188.	1.2	46
20	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
21	Dynamic Changes of Microglia/Macrophage M1 and M2 Polarization in Theiler's Murine Encephalomyelitis. <i>Brain Pathology</i> , 2015, 25, 712-723.	4.1	41
22	Effect of single intralesional treatment of surgically induced equine superficial digital flexor tendon core lesions with adipose-derived mesenchymal stromal cells: a controlled experimental trial. <i>Stem Cell Research and Therapy</i> , 2017, 8, 129.	5.5	41
23	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
24	The immunoglobulin M-degrading enzyme of <i>Streptococcus suis</i> , Ide Ssuis, is involved in complement evasion. <i>Veterinary Research</i> , 2015, 46, 45.	3.0	38
25	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
26	Effect of a single injection of autologous conditioned serum (ACS) on tendon healing in equine naturally occurring tendinopathies. <i>Stem Cell Research and Therapy</i> , 2015, 6, 126.	5.5	35
27	Intranasal immunization with a live <i>Streptococcus suis</i> isogenic of mutant elicited suilysin-neutralization titers but failed to induce opsonizing antibodies and protection. <i>Veterinary Immunology and Immunopathology</i> , 2009, 132, 135-145.	1.2	29
28	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
29	The immunoglobulin M-degrading enzyme of <i>Streptococcus suis</i> , Ide Ssuis, is a highly protective antigen against serotype 2. <i>Vaccine</i> , 2015, 33, 2207-2212.	3.8	29
30	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
31	A novel intranasal mouse model for mucosal colonization by <i>Streptococcus suis</i> serotype 2. <i>Journal of Medical Microbiology</i> , 2012, 61, 1311-1318.	1.8	27
32	<i>Streptococcus suis</i> serotype 9 bacterin immunogenicity and protective efficacy. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 191-200.	1.2	27
33	Interleukin-10 expression during the acute phase is a putative prerequisite for delayed viral elimination in a murine model for multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2012, 249, 27-39.	2.3	26
34	Role of Capsule and Suilysin in Mucosal Infection of Complement-Deficient Mice with <i>Streptococcus suis</i> . <i>Infection and Immunity</i> , 2014, 82, 2460-2471.	2.2	26
35	Neutrophil Extracellular Traps in the Pathogenesis of Equine Recurrent Uveitis (ERU). <i>Cells</i> , 2019, 8, 1528.	4.1	26
36	Phenotypical characterization of changes in thymus and spleen associated with lymphoid depletion in free-ranging harbor porpoises ( <i>Phocoena phocoena</i> ). <i>Veterinary Immunology and Immunopathology</i> , 2007, 117, 254-265.	1.2	25

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37	Increase of Pro-Inflammatory Cytokine Expression in Non-Demyelinating Early Cerebral Lesions in Nervous Canine Distemper. <i>Viral Immunology</i> , 2008, 21, 401-410.	1.3	22
38	HARBOR PORPOISE THYROIDS: HISTOLOGIC INVESTIGATIONS AND POTENTIAL INTERACTIONS WITH ENVIRONMENTAL FACTORS. <i>Journal of Wildlife Diseases</i> , 2008, 44, 888-901.	0.8	21
39	IgM cleavage by <i>Streptococcus suis</i> reduces IgM bound to the bacterial surface and is a novel complement evasion mechanism. <i>Virulence</i> , 2018, 9, 1314-1337.	4.4	21
40	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
41	Role of Bacterial and Host DNases on Host-Pathogen Interaction during <i>Streptococcus suis</i> Meningitis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5289.	4.1	20
42	Regional topographical differences of canine microglial immunophenotype and function in the healthy spinal cord. <i>Journal of Neuroimmunology</i> , 2010, 227, 144-152.	2.3	17
43	Whole-genome sequencing reveals a potential causal mutation for dwarfism in the Miniature Shetland pony. <i>Mammalian Genome</i> , 2017, 28, 143-151.	2.2	17
44	Histopathological characterization of <i>Toxocara canis</i> - and <i>T. cati</i> -induced neurotoxocarosis in the mouse model. <i>Parasitology Research</i> , 2019, 118, 2591-2600.	1.6	17
45	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
46	F1pS, the FNR-Like Protein of <i>Streptococcus suis</i> Is an Essential, Oxygen-Sensing Activator of the Arginine Deiminase System. <i>Pathogens</i> , 2016, 5, 51.	2.8	15
47	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
48	Presence of Infected Gr-1 <sup>int</sup> CD11b <sup>hi</sup> CD11c <sup>int</sup> Monocytic Myeloid Derived Suppressor Cells Subverts T Cell Response and Is Associated With Impaired Dendritic Cell Function in Mycobacterium avium-Infected Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2317.	4.8	14
49	Beneficial and Detrimental Effects of Regulatory T Cells in Neurotropic Virus Infections. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1705.	4.1	14
50	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
51	Lagovirus europeus GI.2 (rabbit hemorrhagic disease virus 2) infection in captive mountain hares ( <i>Lepus timidus</i> ) in Germany. <i>BMC Veterinary Research</i> , 2020, 16, 166.	1.9	13
52	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
53	Cytotoxic CD <sup>8+</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
54	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

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55	Effects of a Change from an Indoor-Based Total Mixed Ration to a Rotational Pasture System Combined With a Moderate Concentrate Feed Supply on Ruminal Fermentation of Dairy Cows. <i>Animals</i> , 2018, 8, 205.	2.3	11
56	Clinical, cytogenetic and molecular genetic characterization of a tandem fusion translocation in a male Holstein cattle with congenital hypospadias and a ventricular septal defect. <i>PLoS ONE</i> , 2020, 15, e0227117.	2.5	11
57	Effects of <i>Toxocara</i> larvae on brain cell survival by <i>in vitro</i> model assessment. <i>Parasitology</i> , 2015, 142, 1326-1334.	1.5	10
58	Differential Contributions of the Complement Anaphylotoxin Receptors C5aR1 and C5aR2 to the Early Innate Immune Response against <i>Staphylococcus aureus</i> Infection. <i>Pathogens</i> , 2015, 4, 722-738.	2.8	10
59	Infection of porcine precision cut intestinal slices by transmissible gastroenteritis coronavirus demonstrates the importance of the spike protein for enterotropism of different virus strains. <i>Veterinary Microbiology</i> , 2017, 205, 1-5.	1.9	10
60	Comparison of Reported Spinal Cord Lesions in Progressive Multiple Sclerosis with Theiler's Murine Encephalomyelitis Virus Induced Demyelinating Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 989.	4.1	10
61	Deoxynivalenol (DON) Contamination of Feed and Grinding Fineness: Are There Interactive Implications on Stomach Integrity and Health of Piglets?. <i>Toxins</i> , 2017, 9, 16.	3.4	9
62	Germline mutation within COL2A1 associated with lethal chondrodysplasia in a polled Holstein family. <i>BMC Genomics</i> , 2017, 18, 762.	2.8	9
63	The Cell Tropism of Porcine Respiratory Coronavirus for Airway Epithelial Cells Is Determined by the Expression of Porcine Aminopeptidase N. <i>Viruses</i> , 2020, 12, 1211.	3.3	9
64	Impaired spermatogenesis, tubular wall disruption, altered blood-testis barrier composition and intratubular lymphocytes in an infertile Beagle dog - a putative case of autoimmune orchitis. <i>Histology and Histopathology</i> , 2019, 34, 525-535.	0.7	9
65	Multiple cyst formation in the liver and kidneys of a lion ( <i>Panthera leo</i> ): a case of polycystic kidney disease?. <i>European Journal of Wildlife Research</i> , 2009, 55, 433-437.	1.4	8
66	Clearance of <i>Streptococcus suis</i> in Stomach Contents of Differently Fed Growing Pigs. <i>Pathogens</i> , 2016, 5, 56.	2.8	8
67	A <i>de novo</i> in-frame duplication in the <i>COL1A2</i> gene in a Lagotto Romagnolo dog with osteogenesis imperfecta. <i>Animal Genetics</i> , 2019, 50, 786-787.	1.7	8
68	Intratumoral Canine Distemper Virus Infection Inhibits Tumor Growth by Modulation of the Tumor Microenvironment in a Murine Xenograft Model of Canine Histiocytic Sarcoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3578.	4.1	8
69	Effects of feeding deoxynivalenol (DON)-contaminated wheat to laying hens and roosters of different genetic background on the reproductive performance and health of the newly hatched chicks. <i>Mycotoxin Research</i> , 2014, 30, 131-140.	2.3	7
70	Cytokine expression and lymphocyte proliferative capacity in diseased harbor porpoises ( <i>Phocoena</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 247, 783-791.	7.5	7
71	CARD9 Deficiency Increases Hippocampal Injury Following Acute Neurotropic Picornavirus Infection but Does Not Affect Pathogen Elimination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6982.	4.1	6
72	Transcriptome analysis following neurotropic virus infection reveals faulty innate immunity and delayed antigen presentation in mice susceptible to virus-induced demyelination. <i>Brain Pathology</i> , 2021, 31, e13000.	4.1	6

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73	Swinepox Virus Strains Isolated from Domestic Pigs and Wild Boar in Germany Display Altered Coding Capacity in the Terminal Genome Region Encoding for Species-Specific Genes. <i>Viruses</i> , 2021, 13, 2038.	3.3	6
74	Overcoming the Barrier of the Respiratory Epithelium during Canine Distemper Virus Infection. <i>MBio</i> , 2022, 13, e0304321.	4.1	6
75	IFN- $\gamma$ Deficiency Results in Fatal or Demyelinating Disease in C57BL/6 Mice Infected With Theiler's Murine Encephalomyelitis Viruses. <i>Frontiers in Immunology</i> , 2022, 13, 786940.	4.8	6
76	Augmentation of Transcriptomic Data for Improved Classification of Patients with Respiratory Diseases of Viral Origin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2481.	4.1	6
77	A recessive lethal chondrodysplasia in a miniature zebu family results from an insertion affecting the chondroitin sulfat domain of aggrecan. <i>BMC Genetics</i> , 2018, 19, 91.	2.7	5
78	The inflammatory response and neuronal injury in <i>Streptococcus suis</i> meningitis. <i>BMC Infectious Diseases</i> , 2018, 18, 297.	2.9	5
79	Split spinal cord malformations in 4 Holstein Friesian calves. <i>BMC Veterinary Research</i> , 2019, 15, 307.	1.9	5
80	Expression of claudin-11 in canine prepubertal testes, and in canine adult testes showing normal spermatogenesis, impaired spermatogenesis, or testicular neoplasia. <i>Theriogenology</i> , 2020, 148, 122-131.	2.1	5
81	Viral protein expression and phenotyping of inflammatory responses in the central nervous system of phocine distemper virus-infected harbor seals ( <i>Phoca vitulina</i> ). <i>Veterinary Microbiology</i> , 2010, 145, 23-33.	1.9	4
82	Study of congenital Morgagnian cataracts in Holstein calves. <i>PLoS ONE</i> , 2019, 14, e0226823.	2.5	4
83	In vivo oxygen measurement in cerebrospinal fluid of pigs to determine physiologic and pathophysiologic oxygen values during CNS infections. <i>BMC Neuroscience</i> , 2021, 22, 45.	1.9	4
84	Relevance of inducible nitric oxide synthase for immune control of <i>Mycobacterium avium</i> subspecies paratuberculosis infection in mice. <i>Virulence</i> , 2020, 11, 465-481.	4.4	3
85	Testicular yolk sac tumor and impaired spermatogenesis in a Holstein Friesian calf. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 314-9.	2.1	3
86	Development and Validation of a Pan-Genotypic Real-Time Quantitative Reverse Transcription-PCR Assay To Detect Canine Distemper Virus and Phocine Distemper Virus in Domestic Animals and Wildlife. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0250521.	3.9	3
87	Neural Injury and Repair in a Novel Neonatal Mouse Model of <i>Listeria monocytogenes</i> Meningoencephalitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 861-867.	1.7	1
88	AA-amyloidosis in captive northern tree shrews ( <i>Tupaia belangeri</i> ). <i>Veterinary Pathology</i> , 2022, 59, 340-347.	1.7	1
89	C-type lectin receptor DCIR contributes to hippocampal injury in acute neurotropic virus infection. <i>Scientific Reports</i> , 2021, 11, 23819.	3.3	1
90	Challenging diagnostic work-up of a massive fluid-filled structure in the cranial abdomen of a cat. <i>Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere</i> , 2021, 49, 455-461.	0.5	0

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91	Holoprosencephalia, hypoplasia of corpus callosum and cerebral heterotopia in a male belted Galloway heifer with adipsia. BMC Veterinary Research, 2022, 18, 51.	1.9	0