

Horst Posthaus

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,850
citations

304743

22
h-index

289244

40
g-index

85
all docs

85
docs citations

85
times ranked

2233
citing authors

#	ARTICLE	IF	CITATIONS
1	Pemphigus vulgaris identifies plakoglobin as key suppressor of c-Myc in the skin. EMBO Journal, 2006, 25, 3298-3309.	7.8	177
2	Vector-free transmission and persistence of Japanese encephalitis virus in pigs. Nature Communications, 2016, 7, 10832.	12.8	146
3	Isolation and characterization of an iridovirus from Hermann's tortoises (Testudo hermanni). Archives of Virology, 1999, 144, 1909-1922.	2.1	104
4	CAUSES OF MORTALITY IN REINTRODUCED EURASIAN LYNX IN SWITZERLAND. Journal of Wildlife Diseases, 2002, 38, 84-92.	0.8	77
5	Risk factors for death and unwanted early slaughter in Swiss veal calves kept at a specific animal welfare standard. Research in Veterinary Science, 2012, 92, 162-168.	1.9	67
6	Proprotein cleavage of E-cadherin by furin in baculovirus over-expression system: potential role of other convertases in mammalian cells. FEBS Letters, 1998, 438, 306-310.	2.8	64
7	Japanese encephalitis virus tropism in experimentally infected pigs. Veterinary Research, 2016, 47, 34.	3.0	58
8	Clostridium perfringens beta-toxin targets endothelial cells in necrotizing enteritis in piglets. Veterinary Microbiology, 2009, 137, 320-325.	1.9	53
9	β-Catenin is not required for proliferation and differentiation of epidermal mouse keratinocytes. Journal of Cell Science, 2002, 115, 4587-4595.	2.0	51
10	Isolation and Genotyping of <i>Toxoplasma Gondii</i> Causing Fatal Systemic Toxoplasmosis in an Immunocompetent 10-Year-Old Cat. Journal of Veterinary Diagnostic Investigation, 2011, 23, 104-108.	1.1	48
11	Clostridium perfringens Beta-Toxin Induces Necrostatin-Inhibitible, Calpain-Dependent Necrosis in Primary Porcine Endothelial Cells. PLoS ONE, 2013, 8, e64644.	2.5	48
12	Neglected zoonotic agents in cattle abortion: tackling the difficult to grow bacteria. BMC Veterinary Research, 2017, 13, 373.	1.9	44
13	Accidental infection of veterinary personnel with Mycobacterium tuberculosis at necropsy: A case study. Veterinary Microbiology, 2011, 149, 374-380.	1.9	43
14	Rapid Cytopathic Effects of <i>Clostridium perfringens</i> Beta-Toxin on Porcine Endothelial Cells. Infection and Immunity, 2010, 78, 2966-2973.	2.2	38
15	The effect of Clostridium perfringens type C strain CN3685 and its isogenic beta toxin null mutant in goats. Veterinary Microbiology, 2012, 157, 412-419.	1.9	38
16	Fatal infection with emerging apicomplexan parasite Hepatozoon silvestris in a domestic cat. Parasites and Vectors, 2018, 11, 428.	2.5	38
17	Novel insights into cadherin processing by subtilisin-like convertases. FEBS Letters, 2003, 536, 203-208.	2.8	33
18	<i>Clostridium perfringens</i> type C necrotic enteritis in pigs: diagnosis, pathogenesis, and prevention. Journal of Veterinary Diagnostic Investigation, 2020, 32, 203-212.	1.1	33

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19	Removal of a Subset of Non-essential Genes Fully Attenuates a Highly Virulent Mycoplasma Strain. <i>Frontiers in Microbiology</i> , 2019, 10, 664.	3.5	31
20	<i>Clostridium perfringens</i> $\hat{1}^2$ -toxin binding to vascular endothelial cells in a human case of enteritis necroticans. <i>Journal of Medical Microbiology</i> , 2009, 58, 826-828.	1.8	30
21	CD31 (PECAM-1) Serves as the Endothelial Cell-Specific Receptor of <i>Clostridium perfringens</i> $\hat{1}^2$ -Toxin. <i>Cell Host and Microbe</i> , 2020, 28, 69-78.e6.	11.0	28
22	Endothelial Binding of Beta Toxin to Small Intestinal Mucosal Endothelial Cells in Early Stages of Experimentally Induced <i>Clostridium Perfringens</i> Type C Enteritis in Pigs. <i>Veterinary Pathology</i> , 2013, 50, 626-629.	1.7	25
23	The value of necropsy reports for animal health surveillance. <i>BMC Veterinary Research</i> , 2018, 14, 191.	1.9	25
24	Aerosol Generation During Bone-Sawing Procedures in Veterinary Autopsies. <i>Veterinary Pathology</i> , 2017, 54, 425-436.	1.7	24
25	Tularemia in a common marmoset (<i>Callithrix jacchus</i>) diagnosed by 16S rRNA sequencing. <i>Veterinary Microbiology</i> , 1998, 61, 145-150.	1.9	23
26	Ocular angiosarcoma in a pony - MRI and histopathological appearance. <i>Equine Veterinary Education</i> , 2008, 20, 340-347.	0.6	22
27	Susceptibility of primary human endothelial cells to <i>C. perfringens</i> beta-toxin suggesting similar pathogenesis in human and porcine necrotizing enteritis. <i>Veterinary Microbiology</i> , 2011, 153, 173-177.	1.9	22
28	In vivo role of capsular polysaccharide in <i>Mycoplasma mycoides</i> . <i>Journal of Infectious Diseases</i> , 2019, 219, 1559-1563.	4.0	21
29	Characterization of small ruminant lentivirus A4 subtype isolates and assessment of their pathogenic potential in naturally infected goats. <i>Virology Journal</i> , 2014, 11, 65.	3.4	20
30	Retrospective study on necrotizing enteritis in piglets in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2009, 151, 369-375.	0.8	19
31	Bacterial, fungal, parasitological and pathological analyses of abortions in small ruminants from 2012-2016. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2017, 159, 647-656.	0.8	19
32	Amplicon sequencing of bacterial microbiota in abortion material from cattle. <i>Veterinary Research</i> , 2017, 48, 64.	3.0	18
33	Transient Increase in Chloride Cell Number and Heat Shock Protein Expression (hsp70) in Brown Trout (<i>Salmo trutta fario</i>) Exposed to Sudden Temperature Elevation. <i>Biological Chemistry</i> , 1998, 379, 1227-1234.	2.5	17
34	Neuropathological survey reveals underestimation of the prevalence of neuroinfectious diseases in cattle in Switzerland. <i>Veterinary Microbiology</i> , 2017, 208, 137-145.	1.9	17
35	Virus replicon particle vaccines expressing nucleoprotein of influenza A virus mediate enhanced inflammatory responses in pigs. <i>Scientific Reports</i> , 2017, 7, 16379.	3.3	17
36	<i>Nocardia nova</i> Causing Pulmonary Nocardiosis of Black Crakes (<i>Limnecorax flavirostra</i>). <i>Veterinary Pathology</i> , 1999, 36, 345-347.	1.7	16

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37	A nonsense mutation in the optic atrophy 3 gene (OPA3) causes dilated cardiomyopathy in Red Holstein cattle. <i>Genomics</i> , 2011, 97, 51-57.	2.9	16
38	Intracardiac ectopic thyroid adenoma in a dog. <i>Veterinary Record</i> , 2010, 167, 709-710.	0.3	15
39	Pulmonary Disease due to <i>Mycobacterium tuberculosis</i> in a Horse: Zoonotic Concerns and Limitations of Antemortem Testing. <i>Veterinary Medicine International</i> , 2012, 2012, 1-6.	1.5	15
40	Immunohistochemical detection of IgM and IgG in lung tissue of dogs with leptospiral pulmonary haemorrhage syndrome (LPHS). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 40, 47-53.	1.6	14
41	Role of Subtilisin-Like Convertases in Cadherin Processing or the Conundrum to Stall Cadherin Function by Convertase Inhibitors in Cancer Therapy. <i>Journal of Molecular Histology</i> , 2003, 35, 263-275.	2.2	13
42	Post mortem computed tomography and core needle biopsy in comparison to autopsy in eleven bernese mountain dogs with histiocytic sarcoma. <i>BMC Veterinary Research</i> , 2015, 11, 229.	1.9	13
43	A case-control study to estimate the effects of acute clinical infection with the Schmallenberg virus on milk yield, fertility and veterinary costs in Swiss dairy herds. <i>Preventive Veterinary Medicine</i> , 2016, 126, 54-65.	1.9	12
44	SEROLOGIC SURVEY IN A COLONY OF CAPTIVE COMMON MARMOSETS (<i>CALLITHRIX JACCHUS</i>) AFTER INFECTION WITH HERPES SIMPLEX TYPE 1-LIKE VIRUS. <i>Journal of Zoo and Wildlife Medicine</i> , 2004, 35, 387-390.	0.6	11
45	Binding Studies on Isolated Porcine Small Intestinal Mucosa and in vitro Toxicity Studies Reveal Lack of Effect of <i>C. perfringens</i> Beta-Toxin on the Porcine Intestinal Epithelium. <i>Toxins</i> , 2015, 7, 1235-1252.	3.4	11
46	Susceptibility of Well-Differentiated Airway Epithelial Cell Cultures from Domestic and Wild Animals to Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2021, 27, 1811-1820.	4.3	11
47	The bovine dilated cardiomyopathy locus maps to a 1.0-Mb interval on chromosome 18. <i>Mammalian Genome</i> , 2009, 20, 187-192.	2.2	9
48	Effect of <i>Clostridium perfringens</i> β -Toxin on Platelets. <i>Toxins</i> , 2017, 9, 336.	3.4	9
49	Observational Study Design in Veterinary Pathology, Part 1: Study Design. <i>Veterinary Pathology</i> , 2018, 55, 607-621.	1.7	9
50	Attenuation of a Pathogenic <i>Mycoplasma</i> Strain by Modification of the <i>obg</i> Gene by Using Synthetic Biology Approaches. <i>MSphere</i> , 2019, 4, .	2.9	9
51	Detection of <i>Clostridium perfringens</i> type C in pig herds following disease outbreak and subsequent vaccination. <i>Veterinary Record</i> , 2012, 171, 503-503.	0.3	8
52	Partial Protection against Porcine Influenza A Virus by a Hemagglutinin-Expressing Virus Replicon Particle Vaccine in the Absence of Neutralizing Antibodies. <i>Frontiers in Immunology</i> , 2016, 7, 253.	4.8	8
53	Hydrocortisone therapy in a cat with vasopressor-refractory septic shock and suspected critical illness-related corticosteroid insufficiency. <i>Clinical Case Reports (discontinued)</i> , 2017, 5, 1123-1129.	0.5	8
54	Vaccination against <i>Clostridium perfringens</i> type C enteritis in pigs: a field study using an adapted vaccination scheme. <i>Porcine Health Management</i> , 2019, 5, 20.	2.6	8

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55	The specific features of the developing T cell compartment of the neonatal lung are a determinant of respiratory syncytial virus immunopathogenesis. <i>PLoS Pathogens</i> , 2021, 17, e1009529.	4.7	8
56	DEVRIESEASIS IN A PLUMED BASILISK (<i>BASILISCUS PLUMIFRONS</i>) AND CHINESE WATER DRAGONS (<i>PHYSIGNATHUS COCINCINUS</i>) IN A ZOOLOGIC COLLECTION. <i>Journal of Zoo and Wildlife Medicine</i> , 2016, 47, 280-285.	0.6	7
57	Observational Study Design in Veterinary Pathology, Part 2: Methodology. <i>Veterinary Pathology</i> , 2018, 55, 774-785.	1.7	7
58	Pulmonary mesenchymal stem cells are engaged in distinct steps of host response to respiratory syncytial virus infection. <i>PLoS Pathogens</i> , 2021, 17, e1009789.	4.7	6
59	Uterine Adenocarcinoma in a Captive Sika Deer. <i>Journal of Wildlife Diseases</i> , 1999, 35, 141-144.	0.8	5
60	Gastrointestinal Impedance Spectroscopy to Detect Hypoperfusion During Hemorrhage. <i>Shock</i> , 2017, 48, 185-195.	2.1	5
61	<i>Clostridium perfringens</i> Associated Necrotic Enteritis-Like Disease in Coconut Lorikeets (<i>Trichoglossus haematodus</i>). <i>Veterinary Pathology</i> , 2021, 58, 423-427.	1.7	4
62	Possible influence of herd health management and hygiene on the in-herd prevalence of <i>Clostridium perfringens</i> type C in pig breeding farms. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013, 155, 520-522.	0.8	4
63	<i>Bacillus anthracis</i> as a cause of bovine abortion – a necropsy case requiring special biosafety measures. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2018, 160, 547-552.	0.8	4
64	Pulmonary <i>Echinococcus multilocularis</i> metastasis in a dog. <i>Canadian Veterinary Journal</i> , 2015, 56, 267-71.	0.0	4
65	Application of an Endothelial Cell Culture Assay for the Detection of Neutralizing Anti- <i>Clostridium Perfringens</i> Beta-Toxin Antibodies in a Porcine Vaccination Trial. <i>Toxins</i> , 2019, 11, 225.	3.4	3
66	Reproduction of contagious bovine pleuropneumonia via aerosol-based challenge with <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> . <i>Acta Veterinaria Scandinavica</i> , 2020, 62, 62.	1.6	3
67	Effects of different types of solid feeds on health status and performance of Swiss veal calves. I. Basic feeding with milk by-products. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013, 155, 269-281.	0.8	3
68	ALVEOLAR ECHINOCOCCOSIS IN WESTERN LOWLAND GORILLAS (<i>GORILLA GORILLA GORILLA</i>): ALBENDAZOLE WAS NOT ABLE TO STOP PROGRESSION OF THE DISEASE. <i>Journal of Zoo and Wildlife Medicine</i> , 2019, 50, 243.	0.6	3
69	Right ventricular rupture after lateral thoracotomy for removal of rib-associated telangiectatic osteosarcoma in a dog. <i>Journal of Veterinary Emergency and Critical Care</i> , 2009, 19, 280-285.	1.1	2
70	Pulmonary Artery Aneurysm in a Greater Flamingo (<i>Phoenicopterus roseus</i>) Associated with <i>Aspergillus fumigatus</i> Infection. <i>Journal of Comparative Pathology</i> , 2021, 184, 19-23.	0.4	2
71	Effects of different types of solid feeds on health status and performance of Swiss veal calves. II. Basic feeding with whole milk. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013, 155, 283-292.	0.8	2
72	Platelet Endothelial Cell Adhesion Molecule 1 (CD31) Is Essential for <i>Clostridium perfringens</i> Beta-Toxin Mediated Cytotoxicity in Human Endothelial and Monocytic Cells. <i>Toxins</i> , 2021, 13, 893.	3.4	2

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73	<i>Mycobacterium avium</i> Subsp. <i>avium</i> Infection in Four Veal Calves: Differentiation from Intestinal Tuberculosis. BioMed Research International, 2014, 2014, 1-5.	1.9	1
74	Bovine cardiac troponin I gene (<i>TNNI3</i>) as a candidate gene for bovine dilated cardiomyopathy. Archives Animal Breeding, 2009, 52, 113-123.	1.4	1
75	Reviving post-mortem diagnostics as a tool to increase porcine herd health and strengthen early detection of pig diseases – the PathoPig project 2014-2016. Schweizer Archiv Fur Tierheilkunde, 2018, 160, 375-384.	0.8	1
76	Experimental induction of respiratory syncytial virus immunopathogenesis in neonatal lambs. , 2019, , .		0