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List of Publications by Year in descending order

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33 papers	2,476 citations	236925 25 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	1919 citing authors

#	Article	IF	Citations
1	Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential. Pathogens, 2022, 11, 79.	2.8	23
2	Chimeric Porcine Deltacoronaviruses with Sparrow Coronavirus Spike Protein or the Receptor-Binding Domain Infect Pigs but Lose Virulence and Intestinal Tropism. Viruses, 2021, 13, 122.	3.3	10
3	Naturally Occurring Animal Coronaviruses as Models for Studying Highly Pathogenic Human Coronaviral Disease. Veterinary Pathology, 2021, 58, 438-452.	1.7	30
4	Identification and characterization of novel small molecule inhibitors to control Mycoplasma gallisepticum infection in chickens. Veterinary Microbiology, 2020, 247, 108799.	1.9	17
5	Comparative Pathogenesis of Bovine and Porcine Respiratory Coronaviruses in the Animal Host Species and SARS-CoV-2 in Humans. Journal of Clinical Microbiology, 2020, 58, .	3.9	57
6	Porcine epidemic diarrhea virus (PEDV): An update on etiology, transmission, pathogenesis, and prevention and control. Virus Research, 2020, 286, 198045.	2.2	200
7	Replicative capacity of porcine deltacoronavirus and porcine epidemic diarrhea virus in primary bovine mesenchymal cells. Veterinary Microbiology, 2020, 244, 108660.	1.9	11
8	Deltacoronavirus Evolution and Transmission: Current Scenario and Evolutionary Perspectives. Frontiers in Veterinary Science, 2020, 7, 626785.	2.2	19
9	Isolation and Tissue Culture Adaptation of Porcine Deltacoronavirus: A Case Study. Methods in Molecular Biology, 2020, 2203, 77-88.	0.9	3
10	Infectivity of GII.4 human norovirus does not differ between T-B-NK+ severe combined immunodeficiency (SCID) and non-SCID gnotobiotic pigs, implicating the role of NK cells in mediation of human norovirus infection. Virus Research, 2019, 267, 21-25.	2.2	6
11	Development of a one-step RT-PCR assay for detection of pancoronaviruses (Î±-, Î²-, Î³-, and Î´-coronaviruses) using newly designed degenerate primers for porcine and avian `fecal samples. Journal of Virological Methods, 2018, 256, 116-122.	2.1	41
12	Broad receptor engagement of an emerging global coronavirus may potentiate its diverse cross-species transmissibility. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5135-E5143.	7.1	192
13	Susceptibility of porcine IPEC-J2 intestinal epithelial cells to infection with porcine deltacoronavirus (PDCoV) and serum cytokine responses of gnotobiotic pigs to acute infection with IPEC-J2 cell culture-passaged PDCoV. Veterinary Microbiology, 2018, 221, 49-58.	1.9	56
14	Attempts to grow human noroviruses, a sapovirus, and a bovine norovirus in vitro. PLoS ONE, 2018, 13, e0178157.	2.5	41
15	Immunohistochemical detection of the vomiting-inducing monoamine neurotransmitter serotonin and enterochromaffin cells in the intestines of conventional or gnotobiotic (Gn) pigs infected with porcine epidemic diarrhea virus (PEDV) and serum cytokine responses of Gn pigs to acute PEDV infection. Research in Veterinary Science, 2018, 119, 99-108.	1.9	31
16	Calves are susceptible to infection with the newly emerged porcine deltacoronavirus, but not with the swine enteric alphacoronavirus, porcine epidemic diarrhea virus. Archives of Virology, 2017, 162, 2357-2362.	2.1	102
17	Goblet cell depletion in small intestinal villous and crypt epithelium of conventional nursing and weaned pigs infected with porcine epidemic diarrhea virus. Research in Veterinary Science, 2017, 110, 12-15.	1.9	34
18	Porcine deltacoronavirus infection: Etiology, cell culture for virus isolation and propagation, molecular epidemiology and pathogenesis. Virus Research, 2016, 226, 50-59.	2.2	148

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19	Experimental infection of gnotobiotic pigs with the cell-culture-adapted porcine deltacoronavirus strain OH-FD22. Archives of Virology, 2016, 161, 3421-3434.	2.1	62
20	Mechanism of Cell Culture Adaptation of an Enteric Calicivirus, the Porcine Sapovirus Cowden Strain. Journal of Virology, 2016, 90, 1345-1358.	3.4	14
21	Porcine deltacoronavirus induces apoptosis in swine testicular and LLC porcine kidney cell lines in vitro but not in infected intestinal enterocytes in vivo. Veterinary Microbiology, 2016, 182, 57-63.	1.9	36
22	Pathogenicity of 2 Porcine Deltacoronavirus Strains in Gnotobiotic Pigs. Emerging Infectious Diseases, 2015, 21, 650-654.	4.3	155
23	Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. Veterinary Research, 2015, 46, 109.	3.0	49
24	Isolation and Characterization of Porcine Deltacoronavirus from Pigs with Diarrhea in the United States. Journal of Clinical Microbiology, 2015, 53, 1537-1548.	3.9	165
25	Comparative pathogenesis of US porcine epidemic diarrhea virus (PEDV) strain PC21A in conventional 9-day-old nursing piglets vs. 26-day-old weaned pigs. Veterinary Microbiology, 2015, 178, 31-40.	1.9	101
26	Porcine epidemic diarrhea virus infection: Etiology, epidemiology, pathogenesis and immunoprophylaxis. Veterinary Journal, 2015, 204, 134-143.	1.7	359
27	Structural alteration of tight and adherens junctions in villous and crypt epithelium of the small and large intestine of conventional nursing piglets infected with porcine epidemic diarrhea virus. Veterinary Microbiology, 2015, 177, 373-378.	1.9	51
28	Age-dependent variation in innate immune responses to porcine epidemic diarrhea virus infection in suckling versus weaned pigs. Veterinary Immunology and Immunopathology, 2015, 168, 193-202.	1.2	94
29	Pathogenesis of GIII.2 bovine norovirus, CV186-OH/00/US strain in gnotobiotic calves. Veterinary Microbiology, 2014, 168, 202-207.	1.9	27
30	Cell culture isolation and sequence analysis of genetically diverse US porcine epidemic diarrhea virus strains including a novel strain with a large deletion in the spike gene. Veterinary Microbiology, 2014, 173, 258-269.	1.9	150
31	The Effects of Simvastatin or Interferon-Î± on Infectivity of Human Norovirus Using a Gnotobiotic Pig Model for the Study of Antivirals. PLoS ONE, 2012, 7, e41619.	2.5	65
32	Nitric oxide is elicited and inhibits viral replication in pigs infected with porcine respiratory coronavirus but not porcine reproductive and respiratory syndrome virus. Veterinary Immunology and Immunopathology, 2010, 136, 335-339.	1.2	34
33	Porcine reproductive and respiratory syndrome virus modifies innate immunity and alters disease outcome in pigs subsequently infected with porcine respiratory coronavirus: implications for respiratory viral co-infections. Journal of General Virology, 2009, 90, 2713-2723.	2.9	93