

Kwonil Jung

List of Publications by Year in descending order

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33
papers

2,476
citations

236925

25
h-index

395702

33
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docs citations

34
times ranked

1919
citing authors

#	ARTICLE	IF	CITATIONS
1	Porcine epidemic diarrhea virus infection: Etiology, epidemiology, pathogenesis and immunoprophylaxis. <i>Veterinary Journal</i> , 2015, 204, 134-143.	1.7	359
2	Porcine epidemic diarrhea virus (PEDV): An update on etiology, transmission, pathogenesis, and prevention and control. <i>Virus Research</i> , 2020, 286, 198045.	2.2	200
3	Broad receptor engagement of an emerging global coronavirus may potentiate its diverse cross-species transmissibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5135-E5143.	7.1	192
4	Isolation and Characterization of Porcine Deltacoronavirus from Pigs with Diarrhea in the United States. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1537-1548.	3.9	165
5	Pathogenicity of 2 Porcine Deltacoronavirus Strains in Gnotobiotic Pigs. <i>Emerging Infectious Diseases</i> , 2015, 21, 650-654.	4.3	155
6	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. <i>Veterinary Microbiology</i> , 2014, 173, 258-269.	1.9	150
7	Porcine deltacoronavirus infection: Etiology, cell culture for virus isolation and propagation, molecular epidemiology and pathogenesis. <i>Virus Research</i> , 2016, 226, 50-59.	2.2	148
8	Calves are susceptible to infection with the newly emerged porcine deltacoronavirus, but not with the swine enteric alphacoronavirus, porcine epidemic diarrhea virus. <i>Archives of Virology</i> , 2017, 162, 2357-2362.	2.1	102
9	Comparative pathogenesis of US porcine epidemic diarrhea virus (PEDV) strain PC21A in conventional 9-day-old nursing piglets vs. 26-day-old weaned pigs. <i>Veterinary Microbiology</i> , 2015, 178, 31-40.	1.9	101
10	Age-dependent variation in innate immune responses to porcine epidemic diarrhea virus infection in suckling versus weaned pigs. <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 193-202.	1.2	94
11	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. <i>Journal of General Virology</i> , 2009, 90, 2713-2723.	2.9	93
12	The Effects of Simvastatin or Interferon- β on Infectivity of Human Norovirus Using a Gnotobiotic Pig Model for the Study of Antivirals. <i>PLoS ONE</i> , 2012, 7, e41619.	2.5	65
13	Experimental infection of gnotobiotic pigs with the cell-culture-adapted porcine deltacoronavirus strain OH-FD22. <i>Archives of Virology</i> , 2016, 161, 3421-3434.	2.1	62
14	Comparative Pathogenesis of Bovine and Porcine Respiratory Coronaviruses in the Animal Host Species and SARS-CoV-2 in Humans. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	57
15	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. <i>Veterinary Microbiology</i> , 2018, 221, 49-58.	1.9	56
16	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. <i>Veterinary Microbiology</i> , 2015, 177, 373-378.	1.9	51
17	Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. <i>Veterinary Research</i> , 2015, 46, 109.	3.0	49
18	Development of a one-step RT-PCR assay for detection of pancoronaviruses (β 1, β 2, β 3, and β 4-coronaviruses) using newly designed degenerate primers for porcine and avian fecal samples. <i>Journal of Virological Methods</i> , 2018, 256, 116-122.	2.1	41

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19	Attempts to grow human noroviruses, a sapovirus, and a bovine norovirus in vitro. PLoS ONE, 2018, 13, e0178157.	2.5	41
20	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
21	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
22	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
23	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
24	Naturally Occurring Animal Coronaviruses as Models for Studying Highly Pathogenic Human Coronaviral Disease. Veterinary Pathology, 2021, 58, 438-452.	1.7	30
25	Pathogenesis of GIII.2 bovine norovirus, CV186-OH/00/US strain in gnotobiotic calves. Veterinary Microbiology, 2014, 168, 202-207.	1.9	27
26	Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential. Pathogens, 2022, 11, 79.	2.8	23
27	Deltacoronavirus Evolution and Transmission: Current Scenario and Evolutionary Perspectives. Frontiers in Veterinary Science, 2020, 7, 626785.	2.2	19
28	Identification and characterization of novel small molecule inhibitors to control Mycoplasma gallisepticum infection in chickens. Veterinary Microbiology, 2020, 247, 108799.	1.9	17
29	Mechanism of Cell Culture Adaptation of an Enteric Calicivirus, the Porcine Sapovirus Cowden Strain. Journal of Virology, 2016, 90, 1345-1358.	3.4	14
30	Replicative capacity of porcine deltacoronavirus and porcine epidemic diarrhea virus in primary bovine mesenchymal cells. Veterinary Microbiology, 2020, 244, 108660.	1.9	11
31	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
32	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
33	Isolation and Tissue Culture Adaptation of Porcine Deltacoronavirus: A Case Study. Methods in Molecular Biology, 2020, 2203, 77-88.	0.9	3