

Kay S Faaberg

List of Publications by Year in descending order

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59
papers

3,643
citations

159525

30
h-index

143943

57
g-index

60
all docs

60
docs citations

60
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Porcine Reproductive and Respiratory Syndrome Virus Comparison: Divergent Evolution on Two Continents. <i>Journal of Virology</i> , 1999, 73, 270-280.	1.5	609
2	Molecular epidemiology of PRRSV: A phylogenetic perspective. <i>Virus Research</i> , 2010, 154, 7-17.	1.1	300
3	PRRSV structure, replication and recombination: Origin of phenotype and genotype diversity. <i>Virology</i> , 2015, 479-480, 475-486.	1.1	234
4	Complete genome analysis of RFLP 184 isolates of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2006, 122, 175-182.	1.1	197
5	Characterization of Emerging European-Like Porcine Reproductive and Respiratory Syndrome Virus Isolates in the United States. <i>Journal of Virology</i> , 2004, 78, 3684-3703.	1.5	160
6	Genomic sequence and virulence comparison of four Type 2 porcine reproductive and respiratory syndrome virus strains. <i>Virus Research</i> , 2012, 169, 212-221.	1.1	128
7	Identification of Nonessential Regions of the nsp2 Replicase Protein of Porcine Reproductive and Respiratory Syndrome Virus Strain VR-2332 for Replication in Cell Culture. <i>Journal of Virology</i> , 2007, 81, 9878-9890.	1.5	114
8	Recombination between North American strains of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 1999, 61, 87-98.	1.1	110
9	Porcine reproductive and respiratory syndrome (PRRS): an immune dysregulatory pandemic. <i>Immunologic Research</i> , 2014, 59, 81-108.	1.3	110
10	Experimental infection of United States swine with a Chinese highly pathogenic strain of porcine reproductive and respiratory syndrome virus. <i>Virology</i> , 2013, 435, 372-384.	1.1	98
11	Coronavirus Endoribonuclease Activity in Porcine Epidemic Diarrhea Virus Suppresses Type I and Type III Interferon Responses. <i>Journal of Virology</i> , 2019, 93, .	1.5	94
12	Functional Properties of the Predicted Helicase of Porcine Reproductive and Respiratory Syndrome Virus. <i>Virology</i> , 2002, 298, 258-270.	1.1	93
13	Attenuation of porcine reproductive and respiratory syndrome virus strain MN184 using chimeric construction with vaccine sequence. <i>Virology</i> , 2008, 371, 418-429.	1.1	78
14	Neutralizing Antibody Responses of Pigs Infected with Natural GP5 N-Glycan Mutants of Porcine Reproductive and Respiratory Syndrome Virus. <i>Viral Immunology</i> , 2006, 19, 294-304.	0.6	77
15	The Envelope Proteins of Lactate Dehydrogenase-Elevating Virus and Their Membrane Topography. <i>Virology</i> , 1995, 212, 512-525.	1.1	75
16	The Porcine Reproductive and Respiratory Syndrome Virus nsp2 Cysteine Protease Domain Possesses both <i>trans</i> - and <i>cis</i> -Cleavage Activities. <i>Journal of Virology</i> , 2009, 83, 9449-9463.	1.5	75
17	Porcine reproductive and respiratory disease virus: Evolution and recombination yields distinct ORF5 RFLP 1-7-4 viruses with individual pathogenicity. <i>Virology</i> , 2018, 513, 168-179.	1.1	75
18	Status of vaccines for porcine epidemic diarrhea virus in the United States and Canada. <i>Virus Research</i> , 2016, 226, 108-116.	1.1	65

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19	Induction of type I interferons by a novel porcine reproductive and respiratory syndrome virus isolate. <i>Virology</i> , 2012, 432, 261-270.	1.1	60
20	Lactate dehydrogenase-elevating virus: an ideal persistent virus?. <i>Seminars in Immunopathology</i> , 1995, 17, 167-186.	4.0	59
21	Highly Divergent Strains of Porcine Reproductive and Respiratory Syndrome Virus Incorporate Multiple Isoforms of Nonstructural Protein 2 into Virions. <i>Journal of Virology</i> , 2013, 87, 13456-13465.	1.5	57
22	Characterization of heteroclitite subgenomic RNAs associated with PRRSV infection. <i>Virus Research</i> , 2004, 105, 75-87.	1.1	48
23	Heteroclitite Subgenomic RNAs Are Produced in Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Virology</i> , 2000, 275, 158-169.	1.1	43
24	In vivo growth of porcine reproductive and respiratory syndrome virus engineered nsp2 deletion mutants. <i>Virus Research</i> , 2010, 154, 77-85.	1.1	43
25	Genetic Variation in the PRRS Virus. <i>Advances in Experimental Medicine and Biology</i> , 1998, 440, 787-794.	0.8	40
26	Vaccine efficacy of porcine reproductive and respiratory syndrome virus chimeras. <i>Vaccine</i> , 2010, 28, 2679-2686.	1.7	39
27	Lactate dehydrogenase-elevating virus (LDV): subgenomic mRNAs, mRNA leader and comparison of 3'-terminal sequences of two LDV isolates. <i>Virus Research</i> , 1992, 23, 55-72.	1.1	38
28	One-step real-time RT-PCR for pandemic influenza A virus (H1N1) 2009 matrix gene detection in swine samples. <i>Journal of Virological Methods</i> , 2010, 164, 83-87.	1.0	36
29	Complete genome comparison of porcine reproductive and respiratory syndrome virus parental and attenuated strains. <i>Virus Research</i> , 2001, 74, 99-110.	1.1	35
30	Proteolytic Products of the Porcine Reproductive and Respiratory Syndrome Virus nsp2 Replicase Protein. <i>Journal of Virology</i> , 2010, 84, 10102-10112.	1.5	35
31	Efficacy of Type 2 PRRSV vaccine against Chinese and Vietnamese HP-PRRSV challenge in pigs. <i>Vaccine</i> , 2014, 32, 6457-6462.	1.7	33
32	Erratum to "Complete genome comparison of porcine reproductive and respiratory syndrome virus parental and attenuated strains" <i>Virus Research</i> , 2001, 79, 189-200.	1.1	30
33	Analysis of the swine tracheobronchial lymph node transcriptomic response to infection with a Chinese highly pathogenic strain of porcine reproductive and respiratory syndrome virus. <i>BMC Veterinary Research</i> , 2012, 8, 208.	0.7	30
34	Chinese and Vietnamese strains of HP-PRRSV cause different pathogenic outcomes in United States high health swine. <i>Virology</i> , 2013, 446, 238-250.	1.1	26
35	Comparison of Asian porcine high fever disease isolates of porcine reproductive and respiratory syndrome virus to United States isolates for their ability to cause disease and secondary bacterial infection in swine. <i>Veterinary Microbiology</i> , 2017, 203, 6-17.	0.8	25
36	Appearance of Novel PRRSV Isolates by Recombination in the Natural Environment. <i>Advances in Experimental Medicine and Biology</i> , 2001, 494, 31-36.	0.8	25

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37	The vOTU domain of highly-pathogenic porcine reproductive and respiratory syndrome virus displays a differential substrate preference. <i>Virology</i> , 2014, 454-455, 247-253.	1.1	23
38	Utility of a Panviral Microarray for Detection of Swine Respiratory Viruses in Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1542-1548.	1.8	21
39	Effect of porcine circovirus type 2a or 2b on infection kinetics and pathogenicity of two genetically divergent strains of porcine reproductive and respiratory syndrome virus in the conventional pig model. <i>Veterinary Microbiology</i> , 2012, 158, 69-81.	0.8	21
40	Differential glycosylation of the ectodomain of the primary envelope glycoprotein of two strains of lactate dehydrogenase-elevating virus that differ in neuropathogenicity. <i>Virus Research</i> , 1995, 39, 331-340.	1.1	19
41	Porcine reproductive and respiratory syndrome virus nonstructural protein 2 (nsp2) topology and selective isoform integration in artificial membranes. <i>Virology</i> , 2015, 481, 51-62.	1.1	18
42	Chimeric viruses containing the N-terminal ectodomains of GP5 and M proteins of porcine reproductive and respiratory syndrome virus do not change the cellular tropism of equine arteritis virus. <i>Virology</i> , 2012, 432, 99-109.	1.1	17
43	Genetic and phenotypic characterization of a 2006 United States porcine reproductive and respiratory virus isolate associated with high morbidity and mortality in the field. <i>Virus Research</i> , 2012, 163, 98-107.	1.1	17
44	Comparison of historical and contemporary isolates of Senecavirus A. <i>Veterinary Microbiology</i> , 2021, 253, 108946.	0.8	14
45	Construction of a Full-Length cDNA Infectious Clone of a European-Like Type 1 PRRSV Isolated in the U.S.. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 605-608.	0.8	12
46	Subgenomic RNA7 is Transcribed with Different Leader-Body Junction Sites in PRRSV (Strain VR2332) Infection of CL2621 Cells. <i>Advances in Experimental Medicine and Biology</i> , 1998, 440, 275-279.	0.8	11
47	Detection of negative-stranded subgenomic RNAs but not of free leader in LDV-infected macrophages. <i>Virus Research</i> , 1994, 34, 167-177.	1.1	10
48	Development of a genome copy specific RT-qPCR assay for divergent strains of type 2 porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2015, 218, 1-6.	1.0	10
49	Insights into the Porcine Reproductive and Respiratory Syndrome Virus Viral Ovarian Tumor Domain Protease Specificity for Ubiquitin and Interferon Stimulated Gene Product 15. <i>ACS Infectious Diseases</i> , 2018, 4, 1316-1326.	1.8	10
50	Molecular Dissection of Porcine Reproductive and Respiratory Virus Putative Nonstructural Protein 2. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 73-77.	0.8	10
51	Large scale parallel pyrosequencing technology: PRRSV strain VR-2332 nsp2 deletion mutant stability in swine. <i>Virus Research</i> , 2011, 161, 162-169.	1.1	9
52	Replication and Expression Analysis of PRRSV Defective RNA. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 445-448.	0.8	6
53	The United States Swine Pathogen Database: integrating veterinary diagnostic laboratory sequence data to monitor emerging pathogens of swine. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	5
54	Predicted RNA Folding Suggests PRRSV Major and Heteroclit Subgenomic Transcripts Result from Polymerase Switching at Unpaired Nucleotides. <i>Advances in Experimental Medicine and Biology</i> , 2001, 494, 37-42.	0.8	4

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55	Arterivirus Structural Proteins and Assembly. , 0, , 211-234.		3
56	Enhancement of innate immunity with granulocyte colony-stimulating factor did not mitigate disease in pigs infected with a highly pathogenic Chinese PRRSV strain. Veterinary Immunology and Immunopathology, 2016, 179, 70-76.	0.5	3
57	Progress toward an enhanced vaccine: Eight marked attenuated viruses to porcine reproductive and respiratory disease virus. Virology, 2018, 516, 30-37.	1.1	3
58	Packaged Heteroclitite Subgenomic RNAs of PRRSV. Advances in Experimental Medicine and Biology, 2001, 494, 527-532.	0.8	3
59	Characterization of Senecavirus A Isolates Collected From the Environment of U.S. Sow Slaughter Plants. Frontiers in Veterinary Science, 0, 9, .	0.9	0