

Susan E Detmer

List of Publications by Year in descending order

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36
papers

1,086
citations

430874

18
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414414

32
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all docs

37
docs citations

37
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic effect of a single nucleotide polymorphism on SSC7 on fetal outcomes in PRRSV-2 infected gilts. <i>Livestock Science</i> , 2022, 255, 104800.	1.6	6
2	Effect of porcine reproductive and respiratory syndrome virus 2 on angiogenesis and cell proliferation at the maternal-fetal interface. <i>Veterinary Pathology</i> , 2022, 59, 940-949.	1.7	4
3	Detection of PRRSV-2 alone and co-localized with CD163 positive macrophages in porcine placental areolae. <i>Veterinary Immunology and Immunopathology</i> , 2022, 250, 110457.	1.2	2
4	A bivalent live attenuated influenza virus vaccine protects against H1N2 and H3N2 viral infection in swine. <i>Veterinary Microbiology</i> , 2021, 253, 108968.	1.9	3
5	Fetal hypoxia and apoptosis following maternal porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>BMC Veterinary Research</i> , 2021, 17, 182.	1.9	9
6	Development and evaluation of a new method to combine clinical impression survey data with existing laboratory data for veterinary syndromic surveillance with the Canada West Swine Health Intelligence Network (CWSHIN). <i>Preventive Veterinary Medicine</i> , 2021, 194, 105444.	1.9	0
7	Samples sizes required to accurately quantify viral load and histologic lesion severity at the maternal-fetal interface of PRRSV-inoculated pregnant gilts. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 322-330.	1.1	1
8	Characterization of Swine Influenza A(H1N2) Variant, Alberta, Canada, 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 3045-3051.	4.3	3
9	Classification of fetal resilience to porcine reproductive and respiratory syndrome (PRRS) based on temporal viral load in late gestation maternal tissues and fetuses. <i>Virus Research</i> , 2019, 260, 151-162.	2.2	20
10	Retrospective detection of <i>Brachyspira hamptonii</i> in archived colitis cases from western Canadian swine. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 381-388.	3.0	1
11	Histologic Changes Associated With Placental Separation in Gilts Infected with Porcine Reproductive and Respiratory Syndrome Virus. <i>Veterinary Pathology</i> , 2018, 55, 521-530.	1.7	11
12	Novel insights into host responses and reproductive pathophysiology of porcine reproductive and respiratory syndrome caused by PRRSV-2. <i>Veterinary Microbiology</i> , 2017, 209, 114-123.	1.9	48
13	The emergence and evolution of influenza A (H1N1) viruses in swine in Canada and the United States. <i>Journal of General Virology</i> , 2017, 98, 2663-2675.	2.9	23
14	Type 2 porcine reproductive and respiratory syndrome virus infection increases apoptosis at the maternal-fetal interface in late gestation pregnant gilts. <i>PLoS ONE</i> , 2017, 12, e0173360.	2.5	35
15	Relationships of CD163 and CD169 positive cell numbers in the endometrium and fetal placenta with type 2 PRRSV RNA concentration in fetal thymus. <i>Veterinary Research</i> , 2016, 47, 76.	3.0	18
16	Fatal pyogranulomatous myocarditis in 10 Boxer puppies. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 144-149.	1.1	16
17	Pathologic Evaluation of Type 2 Porcine Reproductive and Respiratory Syndrome Virus Infection at the Maternal-Fetal Interface of Late Gestation Pregnant Gilts. <i>PLoS ONE</i> , 2016, 11, e0151198.	2.5	24
18	Transcriptomic and Epigenetic Profiling of the Lung of Influenza-Infected Pigs: A Comparison of Different Birth Weight and Susceptibility Groups. <i>PLoS ONE</i> , 2015, 10, e0138653.	2.5	5

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19	Pathogenicity of three type 2 porcine reproductive and respiratory syndrome virus strains in experimentally inoculated pregnant gilts. <i>Virus Research</i> , 2015, 203, 24-35.	2.2	31
20	Global migration of influenza A viruses in swine. <i>Nature Communications</i> , 2015, 6, 6696.	12.8	128
21	Maternal and fetal predictors of fetal viral load and death in third trimester, type 2 porcine reproductive and respiratory syndrome virus infected pregnant gilts. <i>Veterinary Research</i> , 2015, 46, 107.	3.0	38
22	Confirmation that <i>Brachyspira hampsonii</i> clade I (Canadian strain 30599) causes mucohemorrhagic diarrhea and colitis in experimentally infected pigs. <i>BMC Veterinary Research</i> , 2014, 10, 129.	1.9	30
23	Introductions and Evolution of Human-Origin Seasonal Influenza A Viruses in Multinational Swine Populations. <i>Journal of Virology</i> , 2014, 88, 10110-10119.	3.4	88
24	Sample Types, Collection, and Transport for Influenza A Viruses of Swine. <i>Methods in Molecular Biology</i> , 2014, 1161, 259-263.	0.9	4
25	Variation in Fetal Outcome, Viral Load and ORF5 Sequence Mutations in a Large Scale Study of Phenotypic Responses to Late Gestation Exposure to Type 2 Porcine Reproductive and Respiratory Syndrome Virus. <i>PLoS ONE</i> , 2014, 9, e96104.	2.5	47
26	The impact of maternally derived immunity on influenza A virus transmission in neonatal pig populations. <i>Vaccine</i> , 2013, 31, 500-505.	3.8	58
27	Isolation and Characterization of <i>Brachyspira</i> spp. Including <i>Brachyspira hampsonii</i> from Lesser Snow Geese (<i>Chen caerulescens caerulescens</i>) in the Canadian Arctic. <i>Microbial Ecology</i> , 2013, 66, 813-822.	2.8	38
28	In Vitro Characterization of Influenza A Virus Attachment in the Upper and Lower Respiratory Tracts of Pigs. <i>Veterinary Pathology</i> , 2013, 50, 648-658.	1.7	12
29	Comparison of influenza A virus infection in high- and low-birth-weight pigs using morphometric analysis. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 2-9.	3.4	12
30	In vivo evaluation of vaccine efficacy against challenge with a contemporary field isolate from the H1N1 cluster of H1N1 swine influenza virus. <i>Canadian Journal of Veterinary Research</i> , 2013, 77, 24-32.	0.2	8
31	5'-Triphosphate-Short Interfering RNA: Potent Inhibition of Influenza A Virus Infection by Gene Silencing and RIG-I Activation. <i>Journal of Virology</i> , 2012, 86, 10359-10369.	3.4	33
32	Diagnostics and Surveillance for Swine Influenza. <i>Current Topics in Microbiology and Immunology</i> , 2012, 370, 85-112.	1.1	27
33	Genomic reassortment of influenza A virus in North American swine, 1998-2011. <i>Journal of General Virology</i> , 2012, 93, 2584-2589.	2.9	40
34	Vaccination of influenza a virus decreases transmission rates in pigs. <i>Veterinary Research</i> , 2011, 42, 120.	3.0	62
35	Detection of Influenza a Virus in Porcine Oral Fluid Samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 241-247.	1.1	85
36	Spatial Dynamics of Human-Origin H1 Influenza A Virus in North American Swine. <i>PLoS Pathogens</i> , 2011, 7, e1002077.	4.7	116