Sandra Blome

List of Publications by Year in descending order

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132 papers

4,843 citations

36 h-index 61 g-index

141 all docs

141 docs citations

times ranked

141

2722 citing authors

#	Article	IF	CITATIONS
1	Superficial Inguinal Lymph Nodes for Screening Dead Pigs for African Swine Fever. Viruses, 2022, 14, 83.	3.3	8
2	Performance Characteristics of Real-Time PCRs for African Swine Fever Virus Genome Detectionâ€"Comparison of Twelve Kits to an OIE-Recommended Method. Viruses, 2022, 14, 220.	3.3	7
3	Adaptive Cellular Immunity against African Swine Fever Virus Infections. Pathogens, 2022, 11, 274.	2.8	21
4	A Multi-Laboratory Comparison of Methods for Detection and Quantification of African Swine Fever Virus. Pathogens, 2022, 11, 325.	2.8	3
5	Efficacy of Liming Forest Soil in the Context of African Swine Fever Virus. Viruses, 2022, 14, 734.	3.3	3
6	The Role of Male Reproductive Organs in the Transmission of African Swine Feverâ€"Implications for Transmission. Viruses, 2022, 14, 31.	3.3	4
7	Vaccination With a Gamma Irradiation-Inactivated African Swine Fever Virus Is Safe But Does Not Protect Against a Challenge. Frontiers in Immunology, 2022, 13, 832264.	4.8	9
8	A practical guide for strategic and efficient sampling in African swine feverâ€affected pig farms. Transboundary and Emerging Diseases, 2022, 69, .	3.0	5
9	African Swine Fever Outbreak Investigations—The Significance of Disease-Related Anecdotal Information Coming from Laypersons. Pathogens, 2022, 11, 702.	2.8	1
10	Impact of ASFV Detergent Inactivation on Biomarkers in Serum and Saliva Samples. Pathogens, 2022, 11 , 750.	2.8	1
11	Joining the club: First detection of African swine fever in wild boar in Germany. Transboundary and Emerging Diseases, 2021, 68, 1744-1752.	3.0	85
12	Swift and Reliable "Easy Lab―Methods for the Sensitive Molecular Detection of African Swine Fever Virus. International Journal of Molecular Sciences, 2021, 22, 2307.	4.1	10
13	African Swine Fever Laboratory Diagnosis—Lessons Learned from Recent Animal Trials. Pathogens, 2021, 10, 177.	2.8	21
14	ASF Exit Strategy: Providing cumulative evidence of the absence of African swine fever virus circulation in wild boar populations using standard surveillance measures. EFSA Journal, 2021, 19, e06419.	1.8	25
15	Tâ€cell responses in domestic pigs and wild boar upon infection with the moderately virulent African swine fever virus strain â€~Estonia2014'. Transboundary and Emerging Diseases, 2021, 68, 2733-2749.	3.0	15
16	2. African swine fever virus: cellular and molecular aspects. , 2021, , 25-61.		1
17	Research objectives to fill knowledge gaps in African swine fever virus survival in the environment and carcasses, which could improve the control of African swine fever virus in wild boar populations. EFSA Journal, 2021, 19, e06675.	1.8	O
18	African swine fever and outdoor farming of pigs. EFSA Journal, 2021, 19, e06639.	1.8	20

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19	Research priorities to fill knowledge gaps in the control of African swine fever: possible transmission of African swine fever virus by vectors. EFSA Journal, 2021, 19, e06676.	1.8	5
20	Stability of African swine fever virus on spiked sprayâ€dried porcine plasma. Transboundary and Emerging Diseases, 2021, 68, 2806-2811.	3.0	9
21	A multiplex assay for the detection of antibodies to relevant swine pathogens in serum. Transboundary and Emerging Diseases, 2021, , .	3.0	0
22	Lateral flow assays for the detection of African swine fever virus antigen are not fit for field diagnosis of wild boar carcasses. Transboundary and Emerging Diseases, 2021, , .	3.0	6
23	Rapid Extraction and Detection of African Swine Fever Virus DNA Based on Isothermal Recombinase Polymerase Amplification Assay. Viruses, 2021, 13, 1731.	3.3	14
24	The course of African swine fever in Romanian backyard holdings – A case report. Veterinary Medicine and Science, 2021, 7, 2273-2279.	1.6	11
25	African Swine Fever in Wild Boar in Europe—A Review. Viruses, 2021, 13, 1717.	3.3	82
26	Towards Efficient Early Warning: Pathobiology of African Swine Fever Virus "Belgium 2018/1―in Domestic Pigs of Different Age Classes. Animals, 2021, 11, 2602.	2.3	6
27	African Swine Fever Re-Emerging in Estonia: The Role of Seropositive Wild Boar from an Epidemiological Perspective. Viruses, 2021, 13, 2121.	3.3	9
28	The Efficacy of Disinfection on Modified Vaccinia Ankara and African Swine Fever Virus in Various Forest Soil Types. Viruses, 2021, 13, 2173.	3.3	5
29	Comparison of the Proteomes of Porcine Macrophages and a Stable Porcine Cell Line after Infection with African Swine Fever Virus. Viruses, 2021, 13, 2198.	3.3	15
30	Optimizing Release of Nucleic Acids of African Swine Fever Virus and Influenza A Virus from FTA Cards. International Journal of Molecular Sciences, 2021, 22, 12915.	4.1	7
31	Stability of African Swine Fever Virus in Carcasses of Domestic Pigs and Wild Boar Experimentally Infected with the ASFV "Estonia 2014―Isolate. Viruses, 2020, 12, 1118.	3.3	50
32	Identification of African swine fever virus-like elements in the soft tick genome provides insights into the virus' evolution. BMC Biology, 2020, 18, 136.	3.8	28
33	The African swine fever virus isolate Belgium 2018/1 shows high virulence in European wild boar. Transboundary and Emerging Diseases, 2020, 67, 1654-1659.	3.0	45
34	Stability of African Swine Fever Virus in Soil and Options to Mitigate the Potential Transmission Risk. Pathogens, 2020, 9, 977.	2.8	30
35	Whole-Genome Sequence of an African Swine Fever Virus Isolate from the Czech Republic. Microbiology Resource Announcements, 2020, 9, .	0.6	5
36	African swine fever – A review of current knowledge. Virus Research, 2020, 287, 198099.	2.2	187

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37	Comparative Pathology of Domestic Pigs and Wild Boar Infected with the Moderately Virulent African Swine Fever Virus Strain "Estonia 2014― Pathogens, 2020, 9, 662.	2.8	27
38	African swine fever whole-genome sequencingâ€"Quantity wanted but quality needed. PLoS Pathogens, 2020, 16, e1008779.	4.7	23
39	Re-emergence of porcine epidemic diarrhea virus in a piglet-producing farm in northwestern Germany in 2019. BMC Veterinary Research, 2020, 16, 329.	1.9	11
40	Stability of African swine fever virus on heatâ€treated field crops. Transboundary and Emerging Diseases, 2020, 67, 2318-2323.	3.0	32
41	Impaired Tâ€cell responses in domestic pigs and wild boar upon infection with a highly virulent African swine fever virus strain. Transboundary and Emerging Diseases, 2020, 67, 3016-3032.	3.0	31
42	African swine fever virus survival in buried wild boar carcasses. Transboundary and Emerging Diseases, 2020, 67, 2086.	3.0	37
43	How to Demonstrate Freedom from African Swine Fever in Wild Boar—Estonia as an Example. Vaccines, 2020, 8, 336.	4.4	25
44	Lack of evidence for long term carriers of African swine fever virus - a systematic review. Virus Research, 2019, 272, 197725.	2.2	56
45	Metagenomics for broad and improved parasite detection: a proof-of-concept study using swine faecal samples. International Journal for Parasitology, 2019, 49, 769-777.	3.1	29
46	Porcine Invariant Natural Killer T Cells: Functional Profiling and Dynamics in Steady State and Viral Infections. Frontiers in Immunology, 2019, 10, 1380.	4.8	21
47	A Deep-Sequencing Workflow for the Fast and Efficient Generation of High-Quality African Swine Fever Virus Whole-Genome Sequences. Viruses, 2019, 11, 846.	3.3	41
48	Bead-Based Multiplex Assay for the Simultaneous Detection of Antibodies to African Swine Fever Virus and Classical Swine Fever Virus. Frontiers in Veterinary Science, 2019, 6, 306.	2.2	12
49	African Swine Fever: Fast and Furious or Slow and Steady?. Viruses, 2019, 11, 866.	3.3	61
50	Analysis of Estonian surveillance in wild boar suggests a decline in the incidence of African swine fever. Scientific Reports, 2019, 9, 8490.	3.3	33
51	Comparative Analysis of Whole-Genome Sequence of African Swine Fever Virus Belgium 2018/1. Emerging Infectious Diseases, 2019, 25, 1249-1252.	4.3	36
52	Pathogenesis of African swine fever in domestic pigs and European wild boar – Lessons learned from recent animal trials. Virus Research, 2019, 271, 197614.	2.2	70
53	Faecal <i>Escherichia coli</i> is biological indicator of spatial interaction between domestic pigs and wild boar (<i>Sus scrofa</i> in Corsica. Transboundary and Emerging Diseases, 2018, 65, 746-757.	3.0	12
54	No evidence for long-term carrier status of pigs after African swine fever virus infection. Transboundary and Emerging Diseases, 2018, 65, 1318-1328.	3.0	63

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55	Simplifying sampling for African swine fever surveillance: Assessment of antibody and pathogen detection from blood swabs. Transboundary and Emerging Diseases, 2018, 65, e165-e172.	3.0	25
56	Evaluation of blowfly larvae (Diptera: Calliphoridae) as possible reservoirs and mechanical vectors of African swine fever virus. Transboundary and Emerging Diseases, 2018, 65, e210-e213.	3.0	23
57	The intracellular proteome of African swine fever virus. Scientific Reports, 2018, 8, 14714.	3.3	59
58	Deletion at the 5'-end of Estonian ASFV strains associated with an attenuated phenotype. Scientific Reports, 2018, 8, 6510.	3.3	118
59	Protection against transplacental transmission of moderately virulent classical swine fever virus using live marker vaccine "CP7_E2alf― Vaccine, 2018, 36, 4181-4187.	3.8	9
60	Experimental Evaluation of FaecalEscherichia coliand Hepatitis E Virus as Biological Indicators of Contacts Between Domestic Pigs and Eurasian Wild Boar. Transboundary and Emerging Diseases, 2017, 64, 487-494.	3.0	10
61	High Prevalence of Highly Variable Atypical Porcine Pestiviruses Found in Germany. Transboundary and Emerging Diseases, 2017, 64, e22-e26.	3.0	73
62	Pre-registration efficacy study of a novel marker vaccine against classical swine fever on maternally derived antibody positive (MDA+) target animals. Biologicals, 2017, 45, 85-92.	1.4	6
63	Biological characterization of African swine fever virus genotype II strains from north-eastern Estonia in European wild boar. Transboundary and Emerging Diseases, 2017, 64, 2034-2041.	3.0	94
64	The double-antigen ELISA concept for early detection of E ^{rns} -specific classical swine fever virus antibodies and application as an accompanying test for differentiation of infected from marker vaccinated animals. Transboundary and Emerging Diseases, 2017, 64, 2013-2022.	3.0	23
65	Quasispecies composition and diversity do not reveal any predictors for chronic classical swine fever virus infection. Archives of Virology, 2017, 162, 775-786.	2.1	7
66	Classical swine fever vaccines—State-of-the-art. Veterinary Microbiology, 2017, 206, 10-20.	1.9	73
67	Complete Genome Sequence of a Porcine Epidemic Diarrhea Virus Isolated in Belgorod, Russia, in 2008. Genome Announcements, 2017, 5, .	0.8	3
68	Virulence of current German PEDV strains in suckling pigs and investigation of protective effects of maternally derived antibodies. Scientific Reports, 2017, 7, 10825.	3.3	19
69	New Leaves in the Growing Tree of Pestiviruses. Advances in Virus Research, 2017, 99, 139-160.	2.1	24
70	Classical Swine Fever—An Updated Review. Viruses, 2017, 9, 86.	3.3	189
71	Porcine Epidemic Diarrhea in Europe: In-Detail Analyses of Disease Dynamics and Molecular Epidemiology. Viruses, 2017, 9, 177.	3.3	56
72	A decade of research into classical swine fever marker vaccine CP7_E2alf (Suvaxyn® CSF Marker): a review of vaccine properties. Veterinary Research, 2017, 48, 51.	3.0	30

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73	African and classical swine fever: similarities, differences and epidemiological consequences. Veterinary Research, 2017, 48, 84.	3.0	50
74	Transmission routes of African swine fever virus to domestic pigs: current knowledge and future research directions. Veterinary Record, 2016, 178, 262-267.	0.3	248
75	Efficacy of Suvaxyn CSF Marker (CP7_E2alf) in the presence of pre-existing antibodies against Bovine viral diarrhea virus type 1. Vaccine, 2016, 34, 4666-4671.	3.8	8
76	Development of a duplex lateral flow assay for simultaneous detection of antibodies against <i>African</i> and <i>Classical swine fever viruses</i> lournal of Veterinary Diagnostic Investigation, 2016, 28, 543-549.	1.1	31
77	THE CHALLENGE OF DETECTING CLASSICAL SWINE FEVER VIRUS CIRCULATION IN WILD BOAR (SUS SCROFA): SIMULATION OF SAMPLING OPTIONS. Journal of Wildlife Diseases, 2016, 52, 828-836.	0.8	5
78	Kinetics of maternally derived antibodies upon intramuscular vaccination against classical swine fever with Suvaxyn \hat{A}^{\otimes} CSF Marker (CP7_E2alf). Veterinary Microbiology, 2016, 196, 14-17.	1.9	4
79	African swine fever virus transmission cycles in Central Europe: Evaluation of wild boar-soft tick contacts through detection of antibodies against Ornithodoros erraticus saliva antigen. BMC Veterinary Research, 2016, 12, 1.	1.9	125
80	Chimeric Pestivirus Experimental Vaccines. Methods in Molecular Biology, 2016, 1349, 239-246.	0.9	5
81	Evolution and molecular epidemiology of classical swine fever virus during a multi-annual outbreak amongst European wild boar. Journal of General Virology, 2016, 97, 639-645.	2.9	10
82	Genetic variability and distribution of Classical swine fever virus. Animal Health Research Reviews, 2015, 16, 33-39.	3.1	50
83	Controlling of CSFV in European wild boar using oral vaccination: a review. Frontiers in Microbiology, 2015, 6, 1141.	3.5	95
84	Tandem Repeat Insertion in African Swine Fever Virus, Russia, 2012. Emerging Infectious Diseases, 2015, 21, 731-732.	4.3	27
85	Classical swine fever virus marker vaccine strain CP7_E2alf: Shedding and dissemination studies in boars. Vaccine, 2015, 33, 3100-3103.	3.8	10
86	Pre-registration efficacy study of a novel marker vaccine against classical swine fever on Maternally Derived Antibody negative (MDA-) target animals. Biologicals, 2015, 43, 92-99.	1.4	8
87	Porcine complement regulatory protein CD46 and heparan sulfates are the major factors for classical swine fever virus attachment in vitro. Archives of Virology, 2015, 160, 739-746.	2.1	28
88	Evaluation of an E ^{rns} -based enzyme-linked immunosorbent assay to distinguish <i>Classical swine fever virus</i> i>âe"infected pigs from pigs vaccinated with CP7_E2alf. Journal of Veterinary Diagnostic Investigation, 2015, 27, 449-460.	1.1	22
89	Course and transmission characteristics of oral low-dose infection of domestic pigs and European wild boar with a Caucasian African swine fever virus isolate. Archives of Virology, 2015, 160, 1657-1667.	2.1	158
90	Differentiation of Classical Swine Fever Virus Infection from CP7_E2alf Marker Vaccination by a Multiplex Microsphere Immunoassay. Vaccine Journal, 2015, 22, 65-71.	3.1	18

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91	Comparison of Porcine Epidemic Diarrhea Viruses from Germany and the United States, 2014. Emerging Infectious Diseases, 2015, 21, 493-496.	4.3	111
92	Emergence of porcine epidemic diarrhea virus in southern Germany. BMC Veterinary Research, 2015, 11, 142.	1.9	77
93	Classical swine fever virus marker vaccine strain CP7_E2alf: genetic stability in vitro and in vivo. Archives of Virology, 2015, 160, 3121-3125.	2.1	9
94	Creation of Functional Viruses from Non-Functional cDNA Clones Obtained from an RNA Virus Population by the Use of Ancestral Reconstruction. PLoS ONE, 2015, 10, e0140912.	2.5	15
95	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar – Extension towards African swine fever virus antibody detection. Veterinary Microbiology, 2014, 174, 607-608.	1.9	9
96	Analysis of spatio-temporal patterns of African swine fever cases in Russian wild boar does not reveal an endemic situation. Preventive Veterinary Medicine, 2014, 117, 317-325.	1.9	23
97	Comparison of two real-time RT-PCR assays for differentiation of C-strain vaccinated from classical swine fever infected pigs and wild boars. Research in Veterinary Science, 2014, 97, 455-457.	1.9	7
98	Comparative analyses of host responses upon infection with moderately virulent Classical swine fever virus in domestic pigs and wild boar. Virology Journal, 2014, 11, 134.	3.4	20
99	First assessment of classical swine fever marker vaccine candidate CP7_E2alf for oral immunization of wild boar under field conditions. Vaccine, 2014, 32, 2050-2055.	3.8	10
100	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar. Veterinary Microbiology, 2014, 173, 360-365.	1.9	26
101	Cytokine and immunoglobulin isotype profiles during CP7_E2alf vaccination against a challenge with the highly virulent Koslov strain of classical swine fever virus. Research in Veterinary Science, 2014, 96, 389-395.	1.9	10
102	Efficacy of marker vaccine candidate CP7_E2alf against challenge with classical swine fever virus isolates of different genotypes. Veterinary Microbiology, 2014, 169, 8-17.	1.9	39
103	Modern adjuvants do not enhance the efficacy of an inactivated African swine fever virus vaccine preparation. Vaccine, 2014, 32, 3879-3882.	3.8	104
104	Development and Validation of a Harmonized TaqMan-Based Triplex Real-Time RT-PCR Protocol for the Quantitative Detection of Normalized Gene Expression Profiles of Seven Porcine Cytokines. PLoS ONE, 2014, 9, e108910.	2.5	15
105	Sequencing approach to analyze the role of quasispecies for classical swine fever. Virology, 2013, 438, 14-19.	2.4	37
106	Efficacy of chimeric Pestivirus vaccine candidates against classical swine fever: Protection and DIVA characteristics. Veterinary Microbiology, 2013, 162, 437-446.	1.9	29
107	Pathogenesis of African swine fever in domestic pigs and European wild boar. Virus Research, 2013, 173, 122-130.	2.2	253
108	Disseminated intravascular coagulation does not play a major role in the pathogenesis of classical swine fever. Veterinary Microbiology, 2013, 162, 360-368.	1.9	12

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109	Efficacy of marker vaccine candidate CP7_E2alf in piglets with maternally derived C-strain antibodies. Vaccine, 2012, 30, 6376-6381.	3.8	20
110	Disease severity declines over time after a wild boar population has been affected by classical swine fever—Legend or actual epidemiological process?. Preventive Veterinary Medicine, 2012, 106, 185-195.	1.9	20
111	Towards licensing of CP7_E2alf as marker vaccine against classical swine feverâ€"Duration of immunity. Vaccine, 2012, 30, 2928-2936.	3.8	41
112	Characterization of C-strain "Riems―TAV-epitope escape variants obtained through selective antibody pressure in cell culture. Veterinary Research, 2012, 43, 33.	3.0	15
113	High Virulence of African Swine Fever Virus Caucasus Isolate in European Wild Boars of All Ages. Emerging Infectious Diseases, 2012, 18, 708.	4.3	90
114	Comparative evaluation of live marker vaccine candidates "CP7_E2alf―and "flc11―along with C-strain "Riems―after oral vaccination. Veterinary Microbiology, 2012, 158, 42-59.	1.9	32
115	Evaluation of classical swine fever virus antibody detection assays with an emphasis on the differentiation of infected from vaccinated animals. OIE Revue Scientifique Et Technique, 2012, 31, 997-1010.	1.2	40
116	Innocuousness and safety of classical swine fever marker vaccine candidate CP7_E2alf in non-target and target species. Vaccine, 2011, 30, 5-8.	3.8	17
117	Development of a highly sensitive real-time RT-PCR protocol for the detection of Classical swine fever virus independent of the 5′ untranslated region. Journal of Virological Methods, 2011, 171, 314-317.	2.1	15
118	Genetic differentiation of infected from vaccinated animals after implementation of an emergency vaccination strategy against classical swine fever in wild boar. Veterinary Microbiology, 2011, 153, 373-376.	1.9	21
119	Clustering of classical swine fever virus isolates by codon pair bias. BMC Research Notes, 2011, 4, 521.	1.4	19
120	Characterization of African Swine Fever Virus Caucasus Isolate in European Wild Boars. Emerging Infectious Diseases, 2011, 17, 2342-2345.	4.3	128
121	<i>Classical swine fever virus</i> detection. Journal of Veterinary Diagnostic Investigation, 2011, 23, 999-1004.	1.1	15
122	Escape of classical swine fever C-strain vaccine virus from detection by C-strain specific real-time RT-PCR caused by a point mutation in the primer-binding site. Journal of Virological Methods, 2010, 166, 98-100.	2.1	22
123	Classical swine fever virus in South-Eastern Europeâ€"Retrospective analysis of the disease situation and molecular epidemiology. Veterinary Microbiology, 2010, 146, 276-284.	1.9	22
124	Molecular epidemiology of current classical swine fever virus isolates of wild boar in Germany. Journal of General Virology, 2010, 91, 2687-2697.	2.9	67
125	Differentiation of C-strain "Riems―or CP7_E2alf vaccinated animals from animals infected by classical swine fever virus field strains using real-time RT-PCR. Journal of Virological Methods, 2009, 158, 114-122.	2.1	42
126	Virulence of Classical Swine Fever virus isolates from Europe and other areas during 1996 until 2007. Veterinary Microbiology, 2009, 139, 165-169.	1.9	31

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127	Modified live marker vaccine candidate CP7_E2alf provides early onset of protection against lethal challenge infection with classical swine fever virus after both intramuscular and oral immunization. Vaccine, 2009, 27, 6522-6529.	3.8	48
128	Cytopathogenicity of Classical Swine Fever Virus Correlates with Attenuation in the Natural Host. Journal of Virology, 2008, 82, 9717-9729.	3.4	36
129	Diagnostic methods for detection of Classical swine fever virus—Status quo and new developments. Vaccine, 2007, 25, 5524-5530.	3.8	56
130	Evaluaci \tilde{A}^3 n del diagn \tilde{A}^3 stico de la peste porcina cl \tilde{A}_i sica y del rendimiento de la vacuna. OIE Revue Scientifique Et Technique, 2006, 25, 1025-1038.	1.2	51
131	Assessment of classical swine fever diagnostics and vaccine performance. OIE Revue Scientifique Et Technique, 2006, 25, 1025-38.	1.2	20
132	Classical swine fever in South Africa after 87 years' absence. Veterinary Record, 2005, 157, 267-267.	0.3	17