Sandra Blome

List of Publications by Year
in descending order

132 papers	4,843 citations	101384 36 h-index	123241 61 g-index
141 all docs	141 docs citations	141 times ranked	2722 citing authors

#	Article	IF	Citations
1	Pathogenesis of African swine fever in domestic pigs and European wild boar. Virus Research, 2013, 173, 122-130.	1.1	253
2	Transmission routes of African swine fever virus to domestic pigs: current knowledge and future research directions. Veterinary Record, 2016, 178, 262-267.	0.2	248
3	Classical Swine Feverâ€"An Updated Review. Viruses, 2017, 9, 86.	1.5	189
4	African swine fever â€" A review of current knowledge. Virus Research, 2020, 287, 198099.	1.1	187
5	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.	0.9	158
6	Characterization of African Swine Fever Virus Caucasus Isolate in European Wild Boars. Emerging Infectious Diseases, 2011, 17, 2342-2345.	2.0	128
7	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.	0.7	125
8	Deletion at the 5â€™-end of Estonian ASFV strains associated with an attenuated phenotype. Scientific Reports, 2018, 8, 6510.	1.6	118
9	Comparison of Porcine Epidemic Diarrhea Viruses from Germany and the United States, 2014. Emerging Infectious Diseases, 2015, 21, 493-496.	2.0	111
10	Modern adjuvants do not enhance the efficacy of an inactivated African swine fever virus vaccine preparation. Vaccine, 2014, 32, 3879-3882.	1.7	104
11	Controlling of CSFV in European wild boar using oral vaccination: a review. Frontiers in Microbiology, 2015, 6, 1141.	1.5	95
12	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.	1.3	94
13	High Virulence of African Swine Fever Virus Caucasus Isolate in European Wild Boars of All Ages. Emerging Infectious Diseases, 2012, 18, 708.	2.0	90
14	Joining the club: First detection of African swine fever in wild boar in Germany. Transboundary and Emerging Diseases, 2021, 68, 1744-1752.	1.3	85
15	African Swine Fever in Wild Boar in Europeâ€"A Review. Viruses, 2021, 13, 1717.	1.5	82
16	Emergence of porcine epidemic diarrhea virus in southern Germany. BMC Veterinary Research, 2015, 11, 142.	0.7	77
17	High Prevalence of Highly Variable Atypical Porcine Pestiviruses Found in Germany. Transboundary and Emerging Diseases, 2017, 64, e22-e26.	1.3	73
18	Classical swine fever vaccinesâ€"State-of-the-art. Veterinary Microbiology, 2017, 206, 10-20.	0.8	73

#	Article	IF	Citations
19	Pathogenesis of African swine fever in domestic pigs and European wild boar â€“ Lessons learned from recent animal trials. Virus Research, 2019, 271, 197614.	1.1	70
20	Molecular epidemiology of current classical swine fever virus isolates of wild boar in Germany. Journal of General Virology, 2010, 91, 2687-2697.	1.3	67
21	No evidence for long-term carrier status of pigs after African swine fever virus infection. Transboundary and Emerging Diseases, 2018, 65, 1318-1328.	1.3	63
22	African Swine Fever: Fast and Furious or Slow and Steady?. Viruses, 2019, 11, 866.	1.5	61
23	The intracellular proteome of African swine fever virus. Scientific Reports, 2018, 8, 14714.	1.6	59
24	Diagnostic methods for detection of Classical swine fever virusâ€"Status quo and new developments. Vaccine, 2007, 25, 5524-5530.	1.7	56
25	Porcine Epidemic Diarrhea in Europe: In-Detail Analyses of Disease Dynamics and Molecular Epidemiology. Viruses, 2017, 9, 177.	1.5	56
26	Lack of evidence for long term carriers of African swine fever virus - a systematic review. Virus Research, 2019, 272, 197725.	1.1	56
27	EvaluaciÃ³n del diagnÃ³stico de la peste porcina clÃ¡sica y del rendimiento de la vacuna. OIE Revue Scientifique Et Technique, 2006, 25, 1025-1038.	0.5	51
28	Genetic variability and distribution of Classical swine fever virus. Animal Health Research Reviews, 2015, 16, 33-39.	1.4	50
29	African and classical swine fever: similarities, differences and epidemiological consequences. Veterinary Research, 2017, 48, 84.	1.1	50
30	Stability of African Swine Fever Virus in Carcasses of Domestic Pigs and Wild Boar Experimentally Infected with the ASFV â€œEstonia 2014â€•Isolate. Viruses, 2020, 12, 1118.	1.5	50
31	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.	1.7	48
32	The African swine fever virus isolate Belgium 2018/1 shows high virulence in European wild boar. Transboundary and Emerging Diseases, 2020, 67, 1654-1659.	1.3	45
33	Differentiation of C-strain â€œRiemsâ€•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.	1.0	42
34	Towards licensing of CP7_E2alf as marker vaccine against classical swine feverâ€"Duration of immunity. Vaccine, 2012, 30, 2928-2936.	1.7	41
35	A Deep-Sequencing Workflow for the Fast and Efficient Generation of High-Quality African Swine Fever Virus Whole-Genome Sequences. Viruses, 2019, 11, 846.	1.5	41
36	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.	0.5	40

#	Article	IF	Citations
37	Efficacy of marker vaccine candidate CP7_E2alf against challenge with classical swine fever virus isolates of different genotypes. Veterinary Microbiology, 2014, 169, 8-17.	0.8	39
38	Sequencing approach to analyze the role of quasispecies for classical swine fever. Virology, 2013, 438, 14-19.	1.1	37
39	African swine fever virus survival in buried wild boar carcasses. Transboundary and Emerging Diseases, 2020, 67, 2086.	1.3	37
40	Cytopathogenicity of Classical Swine Fever Virus Correlates with Attenuation in the Natural Host. Journal of Virology, 2008, 82, 9717-9729.	1.5	36
41	Comparative Analysis of Whole-Genome Sequence of African Swine Fever Virus Belgium 2018/1. Emerging Infectious Diseases, 2019, 25, 1249-1252.	2.0	36
42	Analysis of Estonian surveillance in wild boar suggests a decline in the incidence of African swine fever. Scientific Reports, 2019, 9, 8490.	1.6	33
43	Comparative evaluation of live marker vaccine candidates â€œCP7_E2alfâ€•and â€œflc11â€•along with C-strain â€œRiemsâ€•after oral vaccination. Veterinary Microbiology, 2012, 158, 42-59.	0.8	32
44	Stability of African swine fever virus on heatâ€treated field crops. Transboundary and Emerging Diseases, 2020, 67, 2318-2323.	1.3	32
45	Virulence of Classical Swine Fever virus isolates from Europe and other areas during 1996 until 2007. Veterinary Microbiology, 2009, 139, 165-169.	0.8	31
46	Development of a duplex lateral flow assay for simultaneous detection of antibodies against <i>African</i> and <i>Classical swine fever viruses</i>. Journal of Veterinary Diagnostic Investigation, 2016, 28, 543-549.	0.5	31
47	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.	1.3	31
48	A decade of research into classical swine fever marker vaccine CP7_E2alf (SuvaxynÂ® CSF Marker): a review of vaccine properties. Veterinary Research, 2017, 48, 51.	1.1	30
49	Stability of African Swine Fever Virus in Soil and Options to Mitigate the Potential Transmission Risk. Pathogens, 2020, 9, 977.	1.2	30
50	Efficacy of chimeric Pestivirus vaccine candidates against classical swine fever: Protection and DIVA characteristics. Veterinary Microbiology, 2013, 162, 437-446.	0.8	29
51	Metagenomics for broad and improved parasite detection: a proof-of-concept study using swine faecal samples. International Journal for Parasitology, 2019, 49, 769-777.	1.3	29
52	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.	0.9	28
53	Identification of African swine fever virus-like elements in the soft tick genome provides insights into the virusâ€™ evolution. BMC Biology, 2020, 18, 136.	1.7	28
54	Tandem Repeat Insertion in African Swine Fever Virus, Russia, 2012. Emerging Infectious Diseases, 2015, 21, 731-732.	2.0	27

#	Article	IF	Citations
55	Comparative Pathology of Domestic Pigs and Wild Boar Infected with the Moderately Virulent African Swine Fever Virus Strain â€œEstonia 2014â€: Pathogens, 2020, 9, 662.	1.2	27
56	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar. Veterinary Microbiology, 2014, 173, 360-365.	0.8	26
57	Simplifying sampling for African swine fever surveillance: Assessment of antibody and pathogen detection from blood swabs. Transboundary and Emerging Diseases, 2018, 65, e165-e172.	1.3	25
58	How to Demonstrate Freedom from African Swine Fever in Wild Boarâ€"Estonia as an Example. Vaccines, 2020, 8, 336.	2.1	25
59	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.	0.9	25
60	New Leaves in the Growing Tree of Pestiviruses. Advances in Virus Research, 2017, 99, 139-160.	0.9	24
61	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.	0.7	23
62	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.	1.3	23
63	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.	1.3	23
64	African swine fever whole-genome sequencingâ€"Quantity wanted but quality needed. PLoS Pathogens, 2020, 16, e1008779.	2.1	23
65	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.	1.0	22
66	Classical swine fever virus in South-Eastern Europeâ€"Retrospective analysis of the disease situation and molecular epidemiology. Veterinary Microbiology, 2010, 146, 276-284.	0.8	22
67	Evaluation of an E^{rns}-based enzyme-linked immunosorbent assay to distinguish <i>Classical swine fever virus</i>â€“infected pigs from pigs vaccinated with CP7_E2alf. Journal of Veterinary Diagnostic Investigation, 2015, 27, 449-460.	0.5	22
68	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.	0.8	21
69	Porcine Invariant Natural Killer T Cells: Functional Profiling and Dynamics in Steady State and Viral Infections. Frontiers in Immunology, 2019, 10, 1380.	2.2	21
70	African Swine Fever Laboratory Diagnosisâ€"Lessons Learned from Recent Animal Trials. Pathogens, 2021, 10, 177.	1.2	21
71	Adaptive Cellular Immunity against African Swine Fever Virus Infections. Pathogens, 2022, 11, 274.	1.2	21
72	Efficacy of marker vaccine candidate CP7_E2alf in piglets with maternally derived C-strain antibodies. Vaccine, 2012, 30, 6376-6381.	1.7	20

#	Article	IF	Citations
73	Disease severity declines over time after a wild boar population has been affected by classical swine feverâ€"Legend or actual epidemiological process?. Preventive Veterinary Medicine, 2012, 106, 185-195.	0.7	20
74	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.	1.4	20
75	African swine fever and outdoor farming of pigs. EFSA Journal, 2021, 19, e06639.	0.9	20
76	Assessment of classical swine fever diagnostics and vaccine performance. OIE Revue Scientifique Et Technique, 2006, 25, 1025-38.	0.5	20
77	Clustering of classical swine fever virus isolates by codon pair bias. BMC Research Notes, 2011, 4, 521.	0.6	19
78	Virulence of current German PEDV strains in suckling pigs and investigation of protective effects of maternally derived antibodies. Scientific Reports, 2017, 7, 10825.	1.6	19
79	Differentiation of Classical Swine Fever Virus Infection from CP7_E2alf Marker Vaccination by a Multiplex Microsphere Immunoassay. Vaccine Journal, 2015, 22, 65-71.	3.2	18
80	Classical swine fever in South Africa after 87 yearsâ€™ absence. Veterinary Record, 2005, 157, 267-267.	0.2	17
81	Innocuousness and safety of classical swine fever marker vaccine candidate CP7_E2alf in non-target and target species. Vaccine, 2011, 30, 5-8.	1.7	17
82	Development of a highly sensitive real-time RT-PCR protocol for the detection of Classical swine fever virus independent of the 5â€² untranslated region. Journal of Virological Methods, 2011, 171, 314-317.	1.0	15
83	<i>Classical swine fever virus</i> detection. Journal of Veterinary Diagnostic Investigation, 2011, 23, 999-1004.	0.5	15
84	Characterization of C-strain â€œRiemsâ€• TAV-epitope escape variants obtained through selective antibody pressure in cell culture. Veterinary Research, 2012, 43, 33.	1.1	15
85	Tâ€cell responses in domestic pigs and wild boar upon infection with the moderately virulent African swine fever virus strain â€˜Estonia2014â€™. Transboundary and Emerging Diseases, 2021, 68, 2733-2749.	1.3	15
86	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.	1.1	15
87	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.	1.1	15
88	Comparison of the Proteomes of Porcine Macrophages and a Stable Porcine Cell Line after Infection with African Swine Fever Virus. Viruses, 2021, 13, 2198.	1.5	15
89	Rapid Extraction and Detection of African Swine Fever Virus DNA Based on Isothermal Recombinase Polymerase Amplification Assay. Viruses, 2021, 13, 1731.	1.5	14
90	Disseminated intravascular coagulation does not play a major role in the pathogenesis of classical swine fever. Veterinary Microbiology, 2013, 162, 360-368.	0.8	12

#	Article	IF	Citations
91	Faecal<i>Escherichia coli</i>as 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.	1.3	12
92	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.	0.9	12
93	Re-emergence of porcine epidemic diarrhea virus in a piglet-producing farm in northwestern Germany in 2019. BMC Veterinary Research, 2020, 16, 329.	0.7	11
94	The course of African swine fever in Romanian backyard holdings â€“ A case report. Veterinary Medicine and Science, 2021, 7, 2273-2279.	0.6	11
95	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.	1.7	10
96	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.	0.9	10
97	Classical swine fever virus marker vaccine strain CP7_E2alf: Shedding and dissemination studies in boars. Vaccine, 2015, 33, 3100-3103.	1.7	10
98	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.	1.3	10
99	Swift and Reliable â€œEasy Labâ€•Methods for the Sensitive Molecular Detection of African Swine Fever Virus. International Journal of Molecular Sciences, 2021, 22, 2307.	1.8	10
100	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.	1.3	10
101	Alternative sampling strategies for passive classical and African swine fever surveillance in wild boar â€“ Extension towards African swine fever virus antibody detection. Veterinary Microbiology, 2014, 174, 607-608.	0.8	9
102	Classical swine fever virus marker vaccine strain CP7_E2alf: genetic stability in vitro and in vivo. Archives of Virology, 2015, 160, 3121-3125.	0.9	9
103	Protection against transplacental transmission of moderately virulent classical swine fever virus using live marker vaccine â€œCP7_E2alfâ€• Vaccine, 2018, 36, 4181-4187.	1.7	9
104	Stability of African swine fever virus on spiked sprayâ€•dried porcine plasma. Transboundary and Emerging Diseases, 2021, 68, 2806-2811.	1.3	9
105	African Swine Fever Re-Emerging in Estonia: The Role of Seropositive Wild Boar from an Epidemiological Perspective. Viruses, 2021, 13, 2121.	1.5	9
106	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.	2.2	9
107	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.	0.5	8
108	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.	1.7	8

#	Article	IF	Citations
109	Superficial Inguinal Lymph Nodes for Screening Dead Pigs for African Swine Fever. Viruses, 2022, 14, 83.	1.5	8
110	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.	0.9	7
111	Quasispecies composition and diversity do not reveal any predictors for chronic classical swine fever virus infection. Archives of Virology, 2017, 162, 775-786.	0.9	7
112	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.	1.8	7
113	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.	1.5	7
114	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.	0.5	6
115	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, , .	1.3	6
116	Towards Efficient Early Warning: Pathobiology of African Swine Fever Virus â€œBelgium 2018/1â€•in Domestic Pigs of Different Age Classes. Animals, 2021, 11, 2602.	1.0	6
117	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.	0.3	5
118	Whole-Genome Sequence of an African Swine Fever Virus Isolate from the Czech Republic. Microbiology Resource Announcements, 2020, 9, .	0.3	5
119	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.	0.9	5
120	Chimeric Pestivirus Experimental Vaccines. Methods in Molecular Biology, 2016, 1349, 239-246.	0.4	5
121	The Efficacy of Disinfection on Modified Vaccinia Ankara and African Swine Fever Virus in Various Forest Soil Types. Viruses, 2021, 13, 2173.	1.5	5
122	A practical guide for strategic and efficient sampling in African swine feverâ€affected pig farms. Transboundary and Emerging Diseases, 2022, 69, .	1.3	5
123	Kinetics of maternally derived antibodies upon intramuscular vaccination against classical swine fever with Suvaxyn Â® CSF Marker (CP7_E2alf). Veterinary Microbiology, 2016, 196, 14-17.	0.8	4
124	The Role of Male Reproductive Organs in the Transmission of African Swine Feverâ€"Implications for Transmission. Viruses, 2022, 14, 31.	1.5	4
125	Complete Genome Sequence of a Porcine Epidemic Diarrhea Virus Isolated in Belgorod, Russia, in 2008. Genome Announcements, 2017, 5, .	0.8	3
126	A Multi-Laboratory Comparison of Methods for Detection and Quantification of African Swine Fever Virus. Pathogens, 2022, 11, 325.	1.2	3

#	Article	IF	Citations
127	Efficacy of Liming Forest Soil in the Context of African Swine Fever Virus. Viruses, 2022, 14, 734.	1.5	3
128	2. African swine fever virus: cellular and molecular aspects. , 2021, , 25-61.		1
129	African Swine Fever Outbreak Investigationsâ€"The Significance of Disease-Related Anecdotal Information Coming from Laypersons. Pathogens, 2022, 11, 702.	1.2	1
130	Impact of ASFV Detergent Inactivation on Biomarkers in Serum and Saliva Samples. Pathogens, 2022, 11, 750.	1.2	1
131	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.	0.9	0
132	A multiplex assay for the detection of antibodies to relevant swine pathogens in serum. Transboundary and Emerging Diseases, 2021, , .	1.3	0