

Carrie Anne Batten

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,980
citations

186265

28
h-index

168389

53
g-index

88
all docs

88
docs citations

88
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel strain of lumpy skin disease virus causes clinical disease in cattle in Hong Kong. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	30
2	Genotyping of African Swine Fever Virus. <i>Methods in Molecular Biology</i> , 2022, 2503, 119-132.	0.9	1
3	Laboratory Diagnosis and Quantification of African Swine Fever Virus Using Real-Time Polymerase Chain Reaction. <i>Methods in Molecular Biology</i> , 2022, 2503, 95-104.	0.9	0
4	African Swine Fever Virus Plaque Assay and Disinfectant Testing. <i>Methods in Molecular Biology</i> , 2022, 2503, 187-194.	0.9	2
5	Field-Reassortment of Bluetongue Virus Illustrates Plasticity of Virus Associated Phenotypic Traits in the Arthropod Vector and Mammalian Host <i><i>In Vivo</i></i> . <i>Journal of Virology</i> , 2022, 96, .	3.4	9
6	The Acquisition and Retention of Lumpy Skin Disease Virus by Blood-Feeding Insects Is Influenced by the Source of Virus, the Insect Body Part, and the Time since Feeding. <i>Journal of Virology</i> , 2022, 96, .	3.4	12
7	Re-emergence of BTV serotype 4 in North Macedonia, July 2020. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 220-223.	3.0	1
8	Quantifying and Modeling the Acquisition and Retention of Lumpy Skin Disease Virus by Hematophagus Insects Reveals Clinically but Not Subclinically Affected Cattle Are Promoters of Viral Transmission and Key Targets for Control of Disease Outbreaks. <i>Journal of Virology</i> , 2021, 95, .	3.4	30
9	African swine fever virus genotype II in Mongolia, 2019. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2787-2794.	3.0	18
10	Serological Cross-Reactions between Expressed VP2 Proteins from Different Bluetongue Virus Serotypes. <i>Viruses</i> , 2021, 13, 1455.	3.3	5
11	Identification of a BTV-Strain-Specific Single Gene That Increases Culicoides Vector Infection Rate. <i>Viruses</i> , 2021, 13, 1781.	3.3	6
12	Development of real-time RT-qPCR assays for the typing of two novel bluetongue virus genotypes derived from sheeppox vaccine. <i>Journal of Virological Methods</i> , 2021, 298, 114288.	2.1	0
13	Development of a Novel Loop Mediated Isothermal Amplification Assay (LAMP) for the Rapid Detection of Epizootic Haemorrhagic Disease Virus. <i>Viruses</i> , 2021, 13, 2187.	3.3	1
14	Simultaneous Detection of Bluetongue Virus Serotypes Using xMAP Technology. <i>Microorganisms</i> , 2020, 8, 1564.	3.6	2
15	Full genome sequencing of archived wild type and vaccine rinderpest virus isolates prior to their destruction. <i>Scientific Reports</i> , 2020, 10, 6563.	3.3	10
16	Towards a Sampling Rationale for African Swine Fever Virus Detection in Pork Products. <i>Foods</i> , 2020, 9, 1148.	4.3	3
17	Identification of novel testing matrices for African swine fever surveillance. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 961-963.	1.1	8
18	Risk-based surveillance for bluetongue virus in cattle on the south coast of England in 2017 and 2018. <i>Veterinary Record</i> , 2020, 187, e96-e96.	0.3	1

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19	Diversity of Transmission Outcomes Following Co-Infection of Sheep with Strains of Bluetongue Virus Serotype 1 and 8. <i>Microorganisms</i> , 2020, 8, 851.	3.6	5
20	BTV-14 Infection in Sheep Elicits Viraemia with Mild Clinical Symptoms. <i>Microorganisms</i> , 2020, 8, 892.	3.6	3
21	Characterisation of Peste Des Petits Ruminants Disease in Pastoralist Flocks in Ngorongoro District of Northern Tanzania and Bluetongue Virus Co-Infection. <i>Viruses</i> , 2020, 12, 389.	3.3	19
22	Outbreak of African horse sickness in Thailand, 2020. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1764.	3.0	30
23	Origin of Bluetongue Virus Serotype 8 Outbreak in Cyprus, September 2016. <i>Viruses</i> , 2020, 12, 96.	3.3	9
24	“Frozen evolution” of an RNA virus suggests accidental release as a potential cause of arbovirus re-emergence. <i>PLoS Biology</i> , 2020, 18, e3000673.	5.6	15
25	Complete Coding Sequence of a Novel Bluetongue Virus Isolated from a Commercial Sheeppox Vaccine. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	12
26	Complete Genome Sequence of a Lineage IV Peste des Petits Ruminants Virus from Turkey, 2018. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
27	Assessment of reproducibility of a VP7 Blocking ELISA diagnostic test for African horse sickness. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 83-90.	3.0	8
28	Rapid Detection of Peste des Petits Ruminants Virus (PPRV) Nucleic Acid Using a Novel Low-Cost Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP) Assay for Future Use in Nascent PPR Eradication Programme. <i>Viruses</i> , 2019, 11, 699.	3.3	22
29	Bluetongue virus outer-capsid protein VP2 expressed in <i>Nicotiana benthamiana</i> raises neutralising antibodies and a protective immune response in IFNAR ^{-/-} mice. <i>Vaccine: X</i> , 2019, 2, 100026.	2.1	11
30	Detection of a novel reassortant epizootic hemorrhagic disease virus serotype 6 in cattle in Trinidad, West Indies, containing nine RNA segments derived from exotic EHDV strains with an Australian origin. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103931.	2.3	7
31	A rapid RT-LAMP assay for the detection of all four lineages of Peste des Petits Ruminants Virus. <i>Journal of Virological Methods</i> , 2019, 274, 113730.	2.1	14
32	Improved PCR diagnostics using up-to-date in silico validation: An F-gene RT-qPCR assay for the detection of all four lineages of peste des petits ruminants virus. <i>Journal of Virological Methods</i> , 2019, 274, 113735.	2.1	3
33	Evidence of reduced viremia, pathogenicity and vector competence in a re-emerging European strain of bluetongue virus serotype 8 in sheep. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1177-1185.	3.0	33
34	Identification and characterization of epizootic hemorrhagic disease virus serotype 6 in cattle co-infected with bluetongue virus in Trinidad, West Indies. <i>Veterinary Microbiology</i> , 2019, 229, 1-6.	1.9	13
35	Evaluating the most appropriate pooling ratio for EDTA blood samples to detect Bluetongue virus using real-time RT-PCR. <i>Veterinary Microbiology</i> , 2018, 217, 58-63.	1.9	9
36	Bluetongue virus infection in naïve cattle: Identification of circulating serotypes and associated <i>Culicoides</i> biting midge species in Trinidad. <i>Veterinary Microbiology</i> , 2017, 211, 1-5.	1.9	7

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37	Using shared needles for subcutaneous inoculation can transmit bluetongue virus mechanically between ruminant hosts. <i>Scientific Reports</i> , 2016, 6, 20627.	3.3	30
38	Inter-laboratory evaluation of the performance parameters of a Lateral Flow Test device for the detection of Bluetongue virus-specific antibodies. <i>Journal of Virological Methods</i> , 2016, 228, 140-150.	2.1	9
39	Testing of UK Populations of <i>Culex pipiens</i> L. for Schmallenberg Virus Vector Competence and Their Colonization. <i>PLoS ONE</i> , 2015, 10, e0134453.	2.5	29
40	Rescue of a vaccine strain of peste des petits ruminants virus: In vivo evaluation and comparison with standard vaccine. <i>Vaccine</i> , 2015, 33, 465-471.	3.8	30
41	Real-Time Reverse Transcriptase PCR for the Detection of Bluetongue Virus. <i>Methods in Molecular Biology</i> , 2015, 1247, 125-131.	0.9	3
42	Real Time RT-PCR Assays for Detection and Typing of African Horse Sickness Virus. <i>PLoS ONE</i> , 2014, 9, e93758.	2.5	20
43	Evidence for Transmission of Bluetongue Virus Serotype 26 through Direct Contact. <i>PLoS ONE</i> , 2014, 9, e96049.	2.5	90
44	Complete Genome Sequences of Lineage III Peste des Petits Ruminants Viruses from the Middle East and East Africa. <i>Genome Announcements</i> , 2014, 2, .	0.8	34
45	Molecular Evolution of Peste des Petits Ruminants Virus. <i>Emerging Infectious Diseases</i> , 2014, 20, 2023-2033.	4.3	78
46	Recombinant adenovirus expressing the haemagglutinin of peste des petits ruminants virus (PPRV) protects goats against challenge with pathogenic virus; a DIVA vaccine for PPR. <i>Veterinary Research</i> , 2014, 45, 24.	3.0	48
47	Bluetongue and Epizootic Haemorrhagic Disease virus in local breeds of cattle in Kenya. <i>Research in Veterinary Science</i> , 2013, 94, 769-773.	1.9	29
48	Bluetongue virus serotype 26: Infection kinetics, pathogenesis and possible contact transmission in goats. <i>Veterinary Microbiology</i> , 2013, 162, 62-67.	1.9	40
49	Virological diagnosis of African swine fever—Comparative study of available tests. <i>Virus Research</i> , 2013, 173, 150-158.	2.2	99
50	Epizootic hemorrhagic disease virus serotype 6 experimentation on adult cattle. <i>Research in Veterinary Science</i> , 2013, 95, 794-798.	1.9	22
51	Complete Genome Sequence of a Peste des Petits Ruminants Virus Recovered from an Alpine Goat during an Outbreak in Morocco in 2008. <i>Genome Announcements</i> , 2013, 1, .	0.8	21
52	Peste des Petits Ruminants Infection among Cattle and Wildlife in Northern Tanzania. <i>Emerging Infectious Diseases</i> , 2013, 19, 2037-2040.	4.3	69
53	Implicating <i>Culicoides</i> Biting Midges as Vectors of Schmallenberg Virus Using Semi-Quantitative RT-PCR. <i>PLoS ONE</i> , 2013, 8, e57747.	2.5	75
54	Equine encephalosis virus: evidence for circulation beyond southern Africa. <i>Epidemiology and Infection</i> , 2012, 140, 1982-1986.	2.1	17

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55	African horse sickness in The Gambia: circulation of a live-attenuated vaccine-derived strain. <i>Epidemiology and Infection</i> , 2012, 140, 462-465.	2.1	12
56	Epizootic hemorrhagic disease virus serotype 7 in European cattle and sheep: Diagnostic considerations and effect of previous BTV exposure. <i>Veterinary Microbiology</i> , 2012, 159, 298-306.	1.9	20
57	Experimental infection of alpine goats with a Moroccan strain of peste des petits ruminants virus (PPRV). <i>Veterinary Microbiology</i> , 2012, 160, 240-244.	1.9	51
58	A Reliable and Reproducible Experimental Challenge Model for Peste des Petits Ruminants Virus. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3738-3740.	3.9	35
59	Bluetongue virus serotype 26: Infection kinetics and pathogenesis in Dorset Poll sheep. <i>Veterinary Microbiology</i> , 2012, 157, 119-124.	1.9	28
60	Experimental infection of camels with bluetongue virus. <i>Research in Veterinary Science</i> , 2011, 90, 533-535.	1.9	24
61	Isolation and Phylogenetic Grouping of Equine Encephalosis Virus in Israel. <i>Emerging Infectious Diseases</i> , 2011, 17, 1883-1886.	4.3	19
62	Comparison of the epidemiology of epizootic haemorrhagic disease and bluetongue viruses in dairy cattle in Israel. <i>Veterinary Journal</i> , 2011, 190, 77-83.	1.7	11
63	A real time RT-PCR assay for the specific detection of Peste des petits ruminants virus. <i>Journal of Virological Methods</i> , 2011, 171, 401-404.	2.1	83
64	Infection kinetics of Epizootic Haemorrhagic Disease virus serotype 6 in Holstein-Friesian cattle. <i>Veterinary Microbiology</i> , 2011, 154, 23-28.	1.9	21
65	Novel Bluetongue Virus Serotype from Kuwait. <i>Emerging Infectious Diseases</i> , 2011, 17, 886-889.	4.3	190
66	Clinical syndromes associated with the circulation of multiple serotypes of bluetongue virus in dairy cattle in Israel. <i>Veterinary Record</i> , 2011, 169, 389-389.	0.3	18
67	The association of winds with the spread of EHDV in dairy cattle in Israel during an outbreak in 2006. <i>Preventive Veterinary Medicine</i> , 2010, 96, 152-160.	1.9	37
68	Occurrence and spatial distribution of Toggenburg Orbivirus in Switzerland. <i>Small Ruminant Research</i> , 2010, 93, 157-164.	1.2	15
69	Full Genome Characterisation of Bluetongue Virus Serotype 6 from the Netherlands 2008 and Comparison to Other Field and Vaccine Strains. <i>PLoS ONE</i> , 2010, 5, e10323.	2.5	119
70	RT-PCR Assays for Seven Serotypes of Epizootic Haemorrhagic Disease Virus & Their Use to Type Strains from the Mediterranean Region and North America. <i>PLoS ONE</i> , 2010, 5, e12782.	2.5	42
71	Multiple Serotypes of Bluetongue Virus in Sheep and Cattle, Israel. <i>Emerging Infectious Diseases</i> , 2010, 16, 2003-2004.	4.3	29
72	Global distribution of peste des petits ruminants virus and prospects for improved diagnosis and control. <i>Journal of General Virology</i> , 2010, 91, 2885-2897.	2.9	344

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73	Epizootic Hemorrhagic Disease in Cattle, Western Turkey. <i>Emerging Infectious Diseases</i> , 2009, 15, 317-319.	4.3	81
74	Performance of Real-Time Reverse Transcription Polymerase Chain Reaction for the Detection of Foot-and-Mouth Disease Virus during Field Outbreaks in the United Kingdom in 2007. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009, 21, 321-330.	1.1	49
75	Transplacental Transmission of Bluetongue Virus 8 in Cattle, UK. <i>Emerging Infectious Diseases</i> , 2009, 15, 2025-2028.	4.3	55
76	Bluetongue virus: European Community proficiency test (2007) to evaluate ELISA and RT-PCR detection methods with special reference to pooling of samples. <i>Veterinary Microbiology</i> , 2009, 135, 380-383.	1.9	11
77	Toggenburg Orbivirus, a new bluetongue virus: Initial detection, first observations in field and experimental infection of goats and sheep. <i>Veterinary Microbiology</i> , 2009, 138, 11-19.	1.9	101
78	Bluetongue virus: European Community inter-laboratory comparison tests to evaluate ELISA and RT-PCR detection methods. <i>Veterinary Microbiology</i> , 2008, 129, 80-88.	1.9	38
79	Evidence for transplacental and contact transmission of bluetongue virus in cattle. <i>Veterinary Record</i> , 2008, 163, 203-209.	0.3	126
80	Clinical signs and pathology shown by British sheep and cattle infected with bluetongue virus serotype 8 derived from the 2006 outbreak in northern Europe. <i>Veterinary Record</i> , 2007, 161, 253-261.	0.3	170
81	Development and initial evaluation of a real-time RT-PCR assay to detect bluetongue virus genome segment 1. <i>Journal of Virological Methods</i> , 2007, 145, 115-126.	2.1	136