Carrie Anne Batten

List of Publications by Year
in descending order

81	2,980	186265 28	168389 53
papers	citations	h-index	g-index

88	88	88	1728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global distribution of peste des petits ruminants virus and prospects for improved diagnosis and control. Journal of General Virology, 2010, 91, 2885-2897.	2.9	344
2	Novel Bluetongue Virus Serotype from Kuwait. Emerging Infectious Diseases, 2011, 17, 886-889.	4.3	190
3	Clinical signs and pathology shown by British sheep and cattle infected with bluetongue virus serotype 8 derived from the 2006 outbreak in northern Europen. Veterinary Record, 2007, 161, 253-261.	0.3	170
4	Development and initial evaluation of a real-time RT-PCR assay to detect bluetongue virus genome segment 1. Journal of Virological Methods, 2007, 145, 115-126.	2.1	136
5	Evidence for transplacental and contact transmission of bluetongue virus in cattle. Veterinary Record, 2008, 163, 203-209.	0.3	126
6	Full Genome Characterisation of Bluetongue Virus Serotype 6 from the Netherlands 2008 and Comparison to Other Field and Vaccine Strains. PLoS ONE, 2010, 5, e10323.	2.5	119
7	Toggenburg Orbivirus, a new bluetongue virus: Initial detection, first observations in field and experimental infection of goats and sheep. Veterinary Microbiology, 2009, 138, 11-19.	1.9	101
8	Virological diagnosis of African swine feverâ€"Comparative study of available tests. Virus Research, 2013, 173, 150-158.	2.2	99
9	Evidence for Transmission of Bluetongue Virus Serotype 26 through Direct Contact. PLoS ONE, 2014, 9, e96049.	2.5	90
10	A real time RT-PCR assay for the specific detection of Peste des petits ruminants virus. Journal of Virological Methods, 2011, 171, 401-404.	2.1	83
11	Epizootic Hemorrhagic Disease in Cattle, Western Turkey. Emerging Infectious Diseases, 2009, 15, 317-319.	4.3	81
12	Molecular Evolution of Peste des Petits Ruminants Virus. Emerging Infectious Diseases, 2014, 20, 2023-2033.	4.3	78
13	Implicating Culicoides Biting Midges as Vectors of Schmallenberg Virus Using Semi-Quantitative RT-PCR. PLoS ONE, 2013, 8, e57747.	2.5	75
14	Peste des Petits Ruminants Infection among Cattle and Wildlife in Northern Tanzania. Emerging Infectious Diseases, 2013, 19, 2037-2040.	4.3	69
15	Transplacental Transmission of Bluetongue Virus 8 in Cattle, UK. Emerging Infectious Diseases, 2009, 15, 2025-2028.	4.3	55
16	Experimental infection of alpine goats with a Moroccan strain of peste des petits ruminants virus (PPRV). Veterinary Microbiology, 2012, 160, 240-244.	1.9	51
17	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. Journal of Veterinary Diagnostic Investigation, 2009, 21, 321-330.	1.1	49
18	Recombinant adenovirus expressing the haemagglutinin of peste des petits ruminants virus (PPRV) protects goats against challenge with pathogenic virus; a DIVA vaccine for PPR. Veterinary Research, 2014, 45, 24.	3.0	48

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19	RT-PCR Assays for Seven Serotypes of Epizootic Haemorrhagic Disease Virus & Their Use to Type Strains from the Mediterranean Region and North America. PLoS ONE, 2010, 5, e12782.	2.5	42
20	Bluetongue virus serotype 26: Infection kinetics, pathogenesis and possible contact transmission in goats. Veterinary Microbiology, 2013, 162, 62-67.	1.9	40
21	Bluetongue virus: European Community inter-laboratory comparison tests to evaluate ELISA and RT-PCR detection methods. Veterinary Microbiology, 2008, 129, 80-88.	1.9	38
22	The association of winds with the spread of EHDV in dairy cattle in Israel during an outbreak in 2006. Preventive Veterinary Medicine, 2010, 96, 152-160.	1.9	37
23	A Reliable and Reproducible Experimental Challenge Model for Peste des Petits Ruminants Virus. Journal of Clinical Microbiology, 2012, 50, 3738-3740.	3.9	35
24	Complete Genome Sequences of Lineage III Peste des Petits Ruminants Viruses from the Middle East and East Africa. Genome Announcements, 2014, 2, .	0.8	34
25	Evidence of reduced viremia, pathogenicity and vector competence in a reâ€emerging European strain of bluetongue virus serotype 8 in sheep. Transboundary and Emerging Diseases, 2019, 66, 1177-1185.	3.0	33
26	Rescue of a vaccine strain of peste des petits ruminants virus: In vivo evaluation and comparison with standard vaccine. Vaccine, 2015, 33, 465-471.	3.8	30
27	Using shared needles for subcutaneous inoculation can transmit bluetongue virus mechanically between ruminant hosts. Scientific Reports, 2016, 6, 20627.	3.3	30
28	Outbreak of African horse sickness in Thailand, 2020. Transboundary and Emerging Diseases, 2020, 67, 1764.	3.0	30
29	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. Journal of Virology, 2021, 95, .	3.4	30
30	A novel strain of lumpy skin disease virus causes clinical disease in cattle in Hong Kong. Transboundary and Emerging Diseases, 2022, 69, .	3.0	30
31	Multiple Serotypes of Bluetongue Virus in Sheep and Cattle, Israel. Emerging Infectious Diseases, 2010, 16, 2003-2004.	4.3	29
32	Bluetongue and Epizootic Haemorrhagic Disease virus in local breeds of cattle in Kenya. Research in Veterinary Science, 2013, 94, 769-773.	1.9	29
33	Testing of UK Populations of Culex pipiens L. for Schmallenberg Virus Vector Competence and Their Colonization. PLoS ONE, 2015, 10, e0134453.	2.5	29
34	Bluetongue virus serotype 26: Infection kinetics and pathogenesis in Dorset Poll sheep. Veterinary Microbiology, 2012, 157, 119-124.	1.9	28
35	Experimental infection of camels with bluetongue virus. Research in Veterinary Science, 2011, 90, 533-535.	1.9	24
36	Epizootic hemorrhagic disease virus serotype 6 experimentation on adult cattle. Research in Veterinary Science, 2013, 95, 794-798.	1.9	22

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37	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. Viruses, 2019, 11, 699.	3.3	22
38	Infection kinetics of Epizootic Haemorrhagic Disease virus serotype 6 in Holstein-Friesian cattle. Veterinary Microbiology, 2011, 154, 23-28.	1.9	21
39	Complete Genome Sequence of a Peste des Petits Ruminants Virus Recovered from an Alpine Goat during an Outbreak in Morocco in 2008. Genome Announcements, 2013, 1, .	0.8	21
40	Epizootic hemorrhagic disease virus serotype 7 in European cattle and sheep: Diagnostic considerations and effect of previous BTV exposure. Veterinary Microbiology, 2012, 159, 298-306.	1.9	20
41	Real Time RT-PCR Assays for Detection and Typing of African Horse Sickness Virus. PLoS ONE, 2014, 9, e93758.	2.5	20
42	Isolation and Phylogenetic Grouping of Equine Encephalosis Virus in Israel. Emerging Infectious Diseases, 2011, 17, 1883-1886.	4.3	19
43	Characterisation of Peste Des Petits Ruminants Disease in Pastoralist Flocks in Ngorongoro District of Northern Tanzania and Bluetongue Virus Co-Infection. Viruses, 2020, 12, 389.	3.3	19
44	Clinical syndromes associated with the circulation of multiple serotypes of bluetongue virus in dairy cattle in Israel. Veterinary Record, 2011, 169, 389-389.	0.3	18
45	African swine fever virus genotype II in Mongolia, 2019. Transboundary and Emerging Diseases, 2021, 68, 2787-2794.	3.0	18
46	Equine encephalosis virus: evidence for circulation beyond southern Africa. Epidemiology and Infection, 2012, 140, 1982-1986.	2.1	17
47	Occurrence and spatial distribution of Toggenburg Orbivirus in Switzerland. Small Ruminant Research, 2010, 93, 157-164.	1.2	15
48	â€œFrozen evolutionâ€•of an RNA virus suggests accidental release as a potential cause of arbovirus re-emergence. PLoS Biology, 2020, 18, e3000673.	5.6	15
49	A rapid RT-LAMP assay for the detection of all four lineages of Peste des Petits Ruminants Virus. Journal of Virological Methods, 2019, 274, 113730.	2.1	14
50	Identification and characterization of epizootic hemorrhagic disease virus serotype 6 in cattle co-infected with bluetongue virus in Trinidad, West Indies. Veterinary Microbiology, 2019, 229, 1-6.	1.9	13
51	African horse sickness in The Gambia: circulation of a live-attenuated vaccine-derived strain. Epidemiology and Infection, 2012, 140, 462-465.	2.1	12
52	Complete Coding Sequence of a Novel Bluetongue Virus Isolated from a Commercial Sheeppox Vaccine. Microbiology Resource Announcements, 2020, 9, .	0.6	12
53	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. Journal of Virology, 2022, 96, .	3.4	12
54	Bluetongue virus: European Community proficiency test (2007) to evaluate ELISA and RT-PCR detection methods with special reference to pooling of samples. Veterinary Microbiology, 2009, 135, 380-383.	1.9	11

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55	Comparison of the epidemiology of epizootic haemorrhagic disease and bluetongue viruses in dairy cattle in Israel. Veterinary Journal, 2011, 190, 77-83.	1.7	11
56	Bluetongue virus outer-capsid protein VP2 expressed in Nicotiana benthamiana raises neutralising antibodies and a protective immune response in IFNAR â^'/â^' mice. Vaccine: X, 2019, 2, 100026.	2.1	11
57	Full genome sequencing of archived wild type and vaccine rinderpest virus isolates prior to their destruction. Scientific Reports, 2020, 10, 6563.	3.3	10
58	Inter-laboratory evaluation of the performance parameters of a Lateral Flow Test device for the detection of Bluetongue virus-specific antibodies. Journal of Virological Methods, 2016, 228, 140-150.	2.1	9
59	Evaluating the most appropriate pooling ratio for EDTA blood samples to detect Bluetongue virus using real-time RT-PCR. Veterinary Microbiology, 2018, 217, 58-63.	1.9	9
60	Origin of Bluetongue Virus Serotype 8 Outbreak in Cyprus, September 2016. Viruses, 2020, 12, 96.	3.3	9
61	Field-Reassortment of Bluetongue Virus Illustrates Plasticity of Virus Associated Phenotypic Traits in the Arthropod Vector and Mammalian Host In Vivo. Journal of Virology, 2022, 96, .	3.4	9
62	Assessment of reproducibility of a VP7 Blocking ELISA diagnostic test for African horse sickness. Transboundary and Emerging Diseases, 2019, 66, 83-90.	3.0	8
63	Identification of novel testing matrices for African swine fever surveillance. Journal of Veterinary Diagnostic Investigation, 2020, 32, 961-963.	1.1	8
64	Bluetongue virus infection in naÃ¨ve cattle: Identification of circulating serotypes and associated Culicoides biting midge species in Trinidad. Veterinary Microbiology, 2017, 211, 1-5.	1.9	7
65	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. Infection, Genetics and Evolution, 2019, 74, 103931.	2.3	7
66	Identification of a BTV-Strain-Specific Single Gene That Increases Culicoides Vector Infection Rate. Viruses, 2021, 13, 1781.	3.3	6
67	Diversity of Transmission Outcomes Following Co-Infection of Sheep with Strains of Bluetongue Virus Serotype 1 and 8. Microorganisms, 2020, 8, 851.	3.6	5
68	Serological Cross-Reactions between Expressed VP2 Proteins from Different Bluetongue Virus Serotypes. Viruses, 2021, 13, 1455.	3.3	5
69	Complete Genome Sequence of a Lineage IV Peste des Petits Ruminants Virus from Turkey, 2018. Microbiology Resource Announcements, 2020, 9, .	0.6	4
70	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. Journal of Virological Methods, 2019, 274, 113735.	2.1	3
71	Towards a Sampling Rationale for African Swine Fever Virus Detection in Pork Products. Foods, 2020, 9, 1148.	4.3	3
72	BTV-14 Infection in Sheep Elicits Viraemia with Mild Clinical Symptoms. Microorganisms, 2020, 8, 892.	3.6	3

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73	Real-Time Reverse Transcriptase PCR for the Detection of Bluetongue Virus. Methods in Molecular Biology, 2015, 1247, 125-131.	0.9	3
74	Simultaneous Detection of Bluetongue Virus Serotypes Using xMAP Technology. Microorganisms, 2020, 8, 1564.	3.6	2
75	African Swine Fever Virus Plaque Assay and Disinfectant Testing. Methods in Molecular Biology, 2022, 2503, 187-194.	0.9	2
76	Risk-based surveillance for bluetongue virus in cattle on the south coast of England in 2017 and 2018. Veterinary Record, 2020, 187, e96-e96.	0.3	1
77	Reâ€emergence of BTV serotype 4 in North Macedonia, July 2020. Transboundary and Emerging Diseases, 2021, 68, 220-223.	3.0	1
78	Development of a Novel Loop Mediated Isothermal Amplification Assay (LAMP) for the Rapid Detection of Epizootic Haemorrhagic Disease Virus. Viruses, 2021, 13, 2187.	3.3	1
79	Genotyping of African Swine Fever Virus. Methods in Molecular Biology, 2022, 2503, 119-132.	0.9	1
80	Development of real-time RT-qPCR assays for the typing of two novel bluetongue virus genotypes derived from sheeppox vaccine. Journal of Virological Methods, 2021, 298, 114288.	2.1	0
81	Laboratory Diagnosis and Quantification of African Swine Fever Virus Using Real-Time Polymerase Chain Reaction. Methods in Molecular Biology, 2022, 2503, 95-104.	0.9	0