

Michael Eschbaumer

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,820
citations

361388

20
h-index

276858

41
g-index

66
all docs

66
docs citations

66
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Orthobunyavirus in Cattle, Europe, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 469-472.	4.3	553
2	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
3	The Foot-and-Mouth Disease Carrier State Divergence in Cattle. <i>Journal of Virology</i> , 2016, 90, 6344-6364.	3.4	96
4	Efficacy of three inactivated vaccines against bluetongue virus serotype 8 in sheep. <i>Vaccine</i> , 2009, 27, 4169-4175.	3.8	78
5	Oral exposure, reinfection and cellular immunity to Schmallenberg virus in cattle. <i>Veterinary Microbiology</i> , 2013, 165, 155-159.	1.9	74
6	Schmallenberg virus challenge models in cattle: infectious serum or culture-grown virus?. <i>Veterinary Research</i> , 2012, 43, 84.	3.0	60
7	Rapid Generation of Replication-Deficient Monovalent and Multivalent Vaccines for Bluetongue Virus: Protection against Virulent Virus Challenge in Cattle and Sheep. <i>Journal of Virology</i> , 2013, 87, 9856-9864.	3.4	50
8	Evaluation of humoral response and protective efficacy of three inactivated vaccines against bluetongue virus serotype 8 one year after vaccination of sheep and cattle. <i>Vaccine</i> , 2010, 28, 4348-4355.	3.8	46
9	Pathogenesis of Primary Foot-and-Mouth Disease Virus Infection in the Nasopharynx of Vaccinated and Non-Vaccinated Cattle. <i>PLoS ONE</i> , 2015, 10, e0143666.	2.5	46
10	Emergence of bluetongue virus serotype 6 in Europe—German field data and experimental infection of cattle. <i>Veterinary Microbiology</i> , 2010, 143, 189-195.	1.9	41
11	Real-Time Quantitative Reverse Transcription-PCR Assays Specifically Detecting Bluetongue Virus Serotypes 1, 6, and 8. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2992-2994.	3.9	39
12	An Equine Herpesvirus Type 1 (EHV-1) Expressing VP2 and VP5 of Serotype 8 Bluetongue Virus (BTV-8) Induces Protection in a Murine Infection Model. <i>PLoS ONE</i> , 2012, 7, e34425.	2.5	39
13	Schmallenberg Virus Infection of Adult Type I Interferon Receptor Knock-Out Mice. <i>PLoS ONE</i> , 2012, 7, e40380.	2.5	35
14	Stability of African Swine Fever Virus in Soil and Options to Mitigate the Potential Transmission Risk. <i>Pathogens</i> , 2020, 9, 977.	2.8	30
15	Experimental infection of South American camelids with bluetongue virus serotype 8. <i>Veterinary Microbiology</i> , 2012, 154, 257-265.	1.9	27
16	Systemic immune response and virus persistence after foot-and-mouth disease virus infection of naïve cattle and cattle vaccinated with a homologous adenovirus-vectored vaccine. <i>BMC Veterinary Research</i> , 2016, 12, 205.	1.9	27
17	Clearance of a persistent picornavirus infection is associated with enhanced pro-apoptotic and cellular immune responses. <i>Scientific Reports</i> , 2017, 7, 17800.	3.3	26
18	Infectious blood or culture-grown virus: A comparison of bluetongue virus challenge models. <i>Veterinary Microbiology</i> , 2010, 146, 150-154.	1.9	24

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19	Phylogenetics of foot-and-mouth disease virus O/PanAsia in Vietnam 2010–2014. <i>Veterinary Research</i> , 2017, 48, 24.	3.0	24
20	Transcriptomic Analysis of Persistent Infection with Foot-and-Mouth Disease Virus in Cattle Suggests Impairment of Apoptosis and Cell-Mediated Immunity in the Nasopharynx. <i>PLoS ONE</i> , 2016, 11, e0162750.	2.5	23
21	Cell culture propagation of foot-and-mouth disease virus: adaptive amino acid substitutions in structural proteins and their functional implications. <i>Virus Genes</i> , 2020, 56, 1-15.	1.6	21
22	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
23	Replication-Deficient Particles: New Insights into the Next Generation of Bluetongue Virus Vaccines. <i>Journal of Virology</i> , 2017, 91, .	3.4	20
24	Long-term persistence of neutralising antibodies against bluetongue virus serotype 8 in naturally infected cattle. <i>Vaccine</i> , 2012, 30, 7142-7143.	3.8	19
25	Airborne Disinfection by Dry Fogging Efficiently Inactivates Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), Mycobacteria, and Bacterial Spores and Shows Limitations of Commercial Spore Carriers. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	19
26	Evaluation of Infectivity, Virulence and Transmission of FDMV Field Strains of Serotypes O and A Isolated In 2010 from Outbreaks in the Republic of Korea. <i>PLoS ONE</i> , 2016, 11, e0146445.	2.5	17
27	Contamination in bluetongue virus challenge experiments. <i>Vaccine</i> , 2011, 29, 4299-4301.	3.8	16
28	Influence of cell type and cell culture media on the propagation of foot-and-mouth disease virus with regard to vaccine quality. <i>Virology Journal</i> , 2018, 15, 46.	3.4	15
29	Epizootic hemorrhagic disease virus infection of type I interferon receptor deficient mice. <i>Veterinary Microbiology</i> , 2012, 155, 417-419.	1.9	14
30	Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following In Vitro Infection with Foot-And-Mouth Disease Virus. <i>Viruses</i> , 2019, 11, 53.	3.3	13
31	Cross-sectional study of bluetongue virus serotype 8 infection in South American camelids in Germany (2008/2009). <i>Veterinary Microbiology</i> , 2012, 160, 35-42.	1.9	11
32	Cell Density Effects in Different Cell Culture Media and Their Impact on the Propagation of Foot-And-Mouth Disease Virus. <i>Viruses</i> , 2019, 11, 511.	3.3	11
33	Serotyping of foot-and-mouth disease virus using oxford nanopore sequencing. <i>Journal of Virological Methods</i> , 2019, 263, 50-53.	2.1	11
34	Inactivation of foot-and-mouth disease virus A/IRN/8/2015 with commercially available lysis buffers. <i>Journal of Virological Methods</i> , 2020, 278, 113835.	2.1	11
35	Investigation of cell culture conditions for optimal foot-and-mouth disease virus production. <i>BMC Biotechnology</i> , 2019, 19, 33.	3.3	10
36	Foot-and-mouth disease viruses of the O/ME-SA/Ind-2001e sublineage in Pakistan. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3126-3135.	3.0	10

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37	Bluetongue Disease: An Analysis of the Epidemic in Germany 2006–2009. <i>Parasitology Research Monographs</i> , 2012, , 103-135.	0.3	10
38	Assessment of neutralizing and non-neutralizing antibody responses against Porcine circovirus 2 in vaccinated and non-vaccinated farmed pigs. <i>Journal of General Virology</i> , 2015, 96, 2743-2748.	2.9	9
39	Adaption of FMDV Asia-1 to Suspension Culture: Cell Resistance Is Overcome by Virus Capsid Alterations. <i>Viruses</i> , 2017, 9, 231.	3.3	9
40	Model of persistent foot-and-mouth disease virus infection in multilayered cells derived from bovine dorsal soft palate. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 133-148.	3.0	8
41	Sequence Analysis of Egyptian Foot-and-Mouth Disease Virus Field and Vaccine Strains: Intertypic Recombination and Evidence for Accidental Release of Virulent Virus. <i>Viruses</i> , 2020, 12, 990.	3.3	8
42	Inactivation of foot-and-mouth disease virus in epithelium samples for safe transport and processing in low-containment laboratories. <i>Journal of Virological Methods</i> , 2020, 276, 113770.	2.1	7
43	Re: Detection of bluetongue virus genome after vaccination with an inactivated vaccine. <i>Vaccine</i> , 2010, 28, 881-882.	3.8	6
44	Rapid detection of neutralizing antibodies against bovine viral diarrhoea virus using quantitative high-content screening. <i>Journal of Virological Methods</i> , 2014, 198, 56-63.	2.1	6
45	Site-specific substitution (Q172R) in the VP1 protein of FMDV isolates collected from asymptomatic carrier ruminants in Vietnam. <i>Virology Reports</i> , 2016, 6, 90-96.	0.4	5
46	Reliable detection, sequencing, and transfection of foot-and-mouth disease virus RNA from badly preserved vesicular epithelium. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 778-782.	1.1	5
47	Mechanisms of Maintenance of Foot-and-Mouth Disease Virus Persistence Inferred From Genes Differentially Expressed in Nasopharyngeal Epithelia of Virus Carriers and Non-carriers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 340.	2.2	5
48	High-Resolution Composition Analysis of an Inactivated Polyvalent Foot-and-Mouth Disease Vaccine. <i>Pathogens</i> , 2020, 9, 63.	2.8	5
49	Inter-laboratory validation of foot-and-mouth disease diagnostic capability in Germany. <i>Veterinary Microbiology</i> , 2017, 203, 62-67.	1.9	4
50	Foot-and-Mouth Disease Virus Lacking the Leader Protein and Containing Two Negative DIVA Markers (FMDV LL3B3D A24) Is Highly Attenuated in Pigs. <i>Pathogens</i> , 2020, 9, 129.	2.8	4
51	Chemical inactivation of foot-and-mouth disease virus in bovine tongue epithelium for safe transport and downstream processing. <i>Journal of Virological Methods</i> , 2022, 305, 114539.	2.1	3
52	Proof of Proficiency of Decentralized Foot-and-Mouth Disease Virus Diagnostics in Germany. <i>Viruses</i> , 2022, 14, 1098.	3.3	3
53	Effect of storage conditions on subpopulations of peripheral blood T lymphocytes isolated from naïve cattle and cattle infected with foot-and-mouth disease virus. <i>Veterinary Clinical Pathology</i> , 2016, 45, 110-115.	0.7	2
54	Adherent and suspension baby hamster kidney cells have a different cytoskeleton and surface receptor repertoire. <i>PLoS ONE</i> , 2021, 16, e0246610.	2.5	2

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55	Non-discriminatory Exclusion Testing as a Tool for the Early Detection of Foot-and-Mouth Disease Incursions. <i>Frontiers in Veterinary Science</i> , 2020, 7, 552670.	2.2	2
56	Targeted Modification of the Foot-And-Mouth Disease Virus Genome for Quick Cell Culture Adaptation. <i>Vaccines</i> , 2020, 8, 583.	4.4	1
57	Field Observations and Genetic Characterization of Sheep-Associated Malignant Catarrhal Fever in Egypt, 2018. <i>Veterinary Sciences</i> , 2020, 7, 201.	1.7	1
58	Induction of humoral immune response in piglets after perinatal or post-weaning immunization against porcine circovirus type-2 or keyhole limpet hemocyanin. <i>Canadian Journal of Veterinary Research</i> , 2017, 81, 5-11.	0.2	1
59	Dry-fog decontamination of microbiological safety cabinets after activities with SARS-CoV-2: cycle development and process validation for dry fogging with peroxyacetic acid. <i>GMS Hygiene and Infection Control</i> , 2021, 16, Doc26.	0.3	1
60	After nasopharyngeal infection, foot-and-mouth disease virus serotype A RNA is shed in bovine milk without associated mastitis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 997-1001.	1.1	0
61	Probe-free real-time reverse transcription polymerase chain reaction assays for the detection and typing of porcine reproductive and respiratory syndrome virus in Canada. <i>Canadian Journal of Veterinary Research</i> , 2015, 79, 170-9.	0.2	0