

Mark W Jackwood

List of Publications by Year in descending order

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57
papers

3,073
citations

172457

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161849

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docs citations

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times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative real-time PCR assays for the concurrent diagnosis of infectious laryngotracheitis virus, Newcastle disease virus and avian metapneumovirus in poultry. <i>Journal of Veterinary Science</i> , 2022, 23, .	1.3	4
2	Infection with IBV DMV/1639 at a Young Age Leads to Increased Incidence of Cystic Oviduct Formation Associated with False Layer Syndrome. <i>Viruses</i> , 2022, 14, 852.	3.3	6
3	Molecular Evolution of Infectious Bronchitis Virus and the Emergence of Variant Viruses Circulating in the United States. <i>Avian Diseases</i> , 2021, 65, 631-636.	1.0	8
4	Validation of specific quantitative real-time RT-PCR assay panel for Infectious Bronchitis using synthetic DNA standards and clinical specimens. <i>Journal of Virological Methods</i> , 2020, 276, 113773.	2.1	7
5	Protection following simultaneous vaccination with three or four different attenuated live vaccine types against infectious bronchitis virus. <i>Avian Pathology</i> , 2020, 49, 335-341.	2.0	8
6	Ambient ammonia does not appear to inhibit the immune response to infectious bronchitis virus vaccination and protection from homologous challenge in broiler chickens. <i>Veterinary Immunology and Immunopathology</i> , 2019, 217, 109932.	1.2	7
7	Effect of Pullet Vaccination on Development and Longevity of Immunity. <i>Viruses</i> , 2019, 11, 135.	3.3	10
8	GENETIC RELATEDNESS OF EPIZOOTIC HEMORRHAGIC DISEASE VIRUS SEROTYPE 2 FROM 2012 OUTBREAK IN THE USA. <i>Journal of Wildlife Diseases</i> , 2019, 55, 363.	0.8	3
9	Biological and molecular characterization of ArkGA: A novel Arkansas serotype vaccine that is highly attenuated, efficacious, and protective against homologous challenge. <i>Vaccine</i> , 2018, 36, 6077-6086.	3.8	2
10	Minimum Infectious Dose Determination of the Arkansas Delmarva Poultry Industry Infectious Bronchitis Virus Vaccine Delivered by Hatchery Spray Cabinet. <i>Avian Diseases</i> , 2017, 61, 123-127.	1.0	8
11	Different evolutionary trajectories of vaccine-controlled and non-controlled avian infectious bronchitis viruses in commercial poultry. <i>PLoS ONE</i> , 2017, 12, e0176709.	2.5	44
12	Vaccine Protection of Turkeys Against H5N1 Highly Pathogenic Avian Influenza Virus with a Recombinant Turkey Herpesvirus Expressing the Hemagglutinin Gene of Avian Influenza. <i>Avian Diseases</i> , 2016, 60, 413-417.	1.0	19
13	Polymorphisms in the S1 spike glycoprotein of Arkansas-type infectious bronchitis virus (IBV) show differential binding to host tissues and altered antigenicity. <i>Virology</i> , 2016, 498, 218-225.	2.4	22
14	Insights from molecular structure predictions of the infectious bronchitis virus S1 spike glycoprotein. <i>Infection, Genetics and Evolution</i> , 2016, 46, 124-129.	2.3	7
15	S1 gene-based phylogeny of infectious bronchitis virus: An attempt to harmonize virus classification. <i>Infection, Genetics and Evolution</i> , 2016, 39, 349-364.	2.3	296
16	Vaccine protection of chickens against antigenically diverse H5 highly pathogenic avian influenza isolates with a live HVT vector vaccine expressing the influenza hemagglutinin gene derived from a clade 2.2 avian influenza virus. <i>Vaccine</i> , 2015, 33, 1197-1205.	3.8	65
17	Hatchery Spray Cabinet Administration Does Not Damage Avian Coronavirus Infectious Bronchitis Virus Vaccine Based on Analysis by Electron Microscopy and Virus Titration. <i>Avian Diseases</i> , 2015, 59, 149-152.	1.0	8
18	Evaluating Protection Against Infectious Bronchitis Virus by Clinical Signs, Ciliostasis, Challenge Virus Detection, and Histopathology. <i>Avian Diseases</i> , 2015, 59, 368-374.	1.0	25

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19	Detection of Infectious Bronchitis Virus with the Use of Real-Time Quantitative Reverse Transcriptaseâ€“PCR and Correlation with Virus Detection in Embryonated Eggs. <i>Avian Diseases</i> , 2014, 58, 398-403.	1.0	31
20	Evaluation of Infectious Bronchitis Virus Arkansas-Type Vaccine Failure in Commercial Broilers. <i>Avian Diseases</i> , 2013, 57, 248-259.	1.0	30
21	Association of the chicken MHC B haplotypes with resistance to avian coronavirus. <i>Developmental and Comparative Immunology</i> , 2013, 39, 430-437.	2.3	45
22	Detection of Avian Influenza Viruses and Differentiation of H5, H7, N1, and N2 Subtypes Using a Multiplex Microsphere Assay. <i>Avian Diseases</i> , 2012, 56, 90-96.	1.0	7
23	Review of Infectious Bronchitis Virus Around the World. <i>Avian Diseases</i> , 2012, 56, 634-641.	1.0	287
24	Genetic Diversity and Selection Regulates Evolution of Infectious Bronchitis Virus. <i>Avian Diseases</i> , 2012, 56, 449-455.	1.0	55
25	Molecular evolution and emergence of avian gammacoronaviruses. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1305-1311.	2.3	140
26	Attenuated live vaccine usage affects accurate measures of virus diversity and mutation rates in avian coronavirus infectious bronchitis virus. <i>Virus Research</i> , 2011, 158, 225-234.	2.2	48
27	Recombination in Avian Gamma-Coronavirus Infectious Bronchitis Virus. <i>Viruses</i> , 2011, 3, 1777-1799.	3.3	87
28	Emergence of a group 3 coronavirus through recombination. <i>Virology</i> , 2010, 398, 98-108.	2.4	108
29	Rapid heat-treatment attenuation of infectious bronchitis virus. <i>Avian Pathology</i> , 2010, 39, 227-233.	2.0	22
30	Avian coronavirus infectious bronchitis virus susceptibility to botanical oleoresins and essential oils in vitro and in vivo. <i>Virus Research</i> , 2010, 149, 86-94.	2.2	43
31	Biologic Characterization of Chicken-Derived H6N2 Low Pathogenic Avian Influenza Viruses in Chickens and Ducks. <i>Avian Diseases</i> , 2010, 54, 120-125.	1.0	20
32	Efficacy of a Replikin Peptide Vaccine Against Low-Pathogenicity Avian Influenza H5 Virus. <i>Avian Diseases</i> , 2009, 53, 613-617.	1.0	8
33	Infectious Bronchitis Virus Field Vaccination Coverage and Persistence of Arkansas-Type Viruses in Commercial Broilers. <i>Avian Diseases</i> , 2009, 53, 175-183.	1.0	53
34	Avian coronavirus infectious bronchitis attenuated live vaccines undergo selection of subpopulations and mutations following vaccination. <i>Vaccine</i> , 2008, 26, 1274-1284.	3.8	104
35	Enteric Viruses Detected by Molecular Methods in Commercial Chicken and Turkey Flocks in the United States Between 2005 and 2006. <i>Avian Diseases</i> , 2008, 52, 235-244.	1.0	156
36	Molecular and Serologic Characterization, Pathogenicity, and Protection Studies with Infectious Bronchitis Virus Field Isolates from California. <i>Avian Diseases</i> , 2007, 51, 527-533.	1.0	32

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37	Molecular Epidemiologic Studies on North American H9 Avian Influenza Virus Isolates from Waterfowl and Shorebirds. <i>Avian Diseases</i> , 2007, 51, 448-450.	1.0	34
38	The Relationship of Severe Acute Respiratory Syndrome Coronavirus with Avian and Other Coronaviruses. <i>Avian Diseases</i> , 2006, 50, 315-320.	1.0	14
39	Development and evaluation of a real-time Taqman RT-PCR assay for the detection of infectious bronchitis virus from infected chickens. <i>Journal of Virological Methods</i> , 2006, 138, 60-65.	2.1	282
40	Rapid differentiation of avian infectious bronchitis virus isolates by sample to residual ratio quantitation using real-time reverse transcriptase-polymerase chain reaction. <i>Journal of Virological Methods</i> , 2005, 124, 183-190.	2.1	6
41	Using DNA Shuffling to Create Novel Infectious Bronchitis Virus S1 Genes: Implications for S1 Gene Recombination. <i>Virus Genes</i> , 2005, 31, 5-11.	1.6	6
42	Data from 11 Years of Molecular Typing Infectious Bronchitis Virus Field Isolates. <i>Avian Diseases</i> , 2005, 49, 614-618.	1.0	81
43	Attenuation, Safety, and Efficacy of an Infectious Bronchitis Virus GA98 Serotype Vaccine. <i>Avian Diseases</i> , 2003, 47, 627-632.	1.0	40
44	Typing of Field Isolates of Infectious Bronchitis Virus Based on the Sequence of the Hypervariable Region in the S1 Gene. <i>Journal of Veterinary Diagnostic Investigation</i> , 2003, 15, 344-348.	1.1	63
45	Origin and evolution of Georgia 98 (GA98), a new serotype of avian infectious bronchitis virus. <i>Virus Research</i> , 2001, 80, 33-39.	2.2	72
46	Identification and Analysis of the Georgia 98 Serotype, a New Serotype of Infectious Bronchitis Virus. <i>Avian Diseases</i> , 2001, 45, 164.	1.0	30
47	Spike Glycoprotein Cleavage Recognition Site Analysis of Infectious Bronchitis Virus. <i>Avian Diseases</i> , 2001, 45, 366.	1.0	84
48	Spike gene analysis of the DE072 strain of infectious bronchitis virus: origin and evolution. <i>Virus Genes</i> , 2001, 22, 85-91.	1.6	23
49	Redesign of Primer and Application of the Reverse Transcriptase-Polymerase Chain Reaction and Restriction Fragment Length Polymorphism Test to the DE072 Strain of Infectious Bronchitis Virus. <i>Avian Diseases</i> , 2000, 44, 650.	1.0	36
50	Infectious bronchitis virus S2 gene sequence variability may affect S1 subunit specific antibody binding. <i>Virus Genes</i> , 1999, 19, 143-151.	1.6	26
51	Current and Future Recombinant Viral Vaccines for Poultry. <i>Advances in Veterinary Medicine</i> , 1999, 41, 517-522.	0.6	15
52	Sequence comparison of avian infectious bronchitis virus S1 glycoproteins of the Florida serotype and five variant isolates from Georgia and California. <i>Virus Genes</i> , 1998, 17, 63-83.	1.6	47
53	Further Development and Use of a Molecular Serotype Identification Test for Infectious Bronchitis Virus. <i>Avian Diseases</i> , 1997, 41, 105.	1.0	61
54	Use of Species-Specific Oligonucleotide Probes to Detect <i>Mycoplasma Gallisepticum</i> , <i>M. Synoviae</i> , and <i>M. lowae</i> PCR Amplification Products. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996, 8, 56-63.	1.1	27

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55	<i>Bordetella Avium</i> Phase-Shift Markers: Characterization of Whole Cell, Cell Envelope, and Outer Membrane Proteins. <i>Journal of Veterinary Diagnostic Investigation</i> , 1995, 7, 402-404.	1.1	0
56	Differentiation of Infectious Bronchitis Virus Serotypes Using Polymerase Chain Reaction and Restriction Fragment Length Polymorphism Analysis. <i>Avian Diseases</i> , 1993, 37, 194.	1.0	162
57	Infectious Bronchitis Virus Detection in Allantoic Fluid using the Polymerase Chain Reaction and a DNA Probe. <i>Avian Diseases</i> , 1992, 36, 403.	1.0	28