Patti J Miller

List of Publications by Year
in descending order

61 papers	4,001 citations	147801 31 h-index	128289 60 g-index
63 all docs	63 docs citations	63 times ranked	2156 citing authors

#	Article	IF	Citations
1	Newcastle disease: Evolution of genotypes and the related diagnostic challenges. Infection, Genetics and Evolution, 2010, 10, 26-35.	2.3	330
2	Genetic diversity of avian paramyxovirus type 1: Proposal for a unified nomenclature and classification system of Newcastle disease virus genotypes. Infection, Genetics and Evolution, 2012, 12, 1770-1779.	2.3	323
3	Immune responses of poultry to Newcastle disease virus. Developmental and Comparative Immunology, 2013, 41, 447-453.	2.3	239
4	Newcastle disease vaccinesâ€"A solved problem or a continuous challenge?. Veterinary Microbiology, 2017, 206, 126-136.	1.9	239
5	Antigenic differences among Newcastle disease virus strains of different genotypes used in vaccine formulation affect viral shedding after a virulent challenge. Vaccine, 2007, 25, 7238-7246.	3.8	229
6	Updated unified phylogenetic classification system and revised nomenclature for Newcastle disease virus. Infection, Genetics and Evolution, 2019, 74, 103917.	2.3	227
7	Identification of new sub-genotypes of virulent Newcastle disease virus with potential panzootic features. Infection, Genetics and Evolution, 2015, 29, 216-229.	2.3	159
8	Effects of Newcastle disease virus vaccine antibodies on the shedding and transmission of challenge viruses. Developmental and Comparative Immunology, 2013, 41, 505-513.	2.3	147
9	Evolutionary dynamics of Newcastle disease virus. Virology, 2009, 391, 64-72.	2.4	145
10	Comparison of Viral Shedding Following Vaccination With Inactivated and Live Newcastle Disease Vaccines Formulated With Wild-Type and Recombinant Viruses. Avian Diseases, 2009, 53, 39-49.	1.0	145
11	Role of Poultry in the Spread of Novel H7N9 Influenza Virus in China. Journal of Virology, 2014, 88, 5381-5390.	3.4	127
12	Virulent Newcastle disease virus elicits a strong innate immune response in chickens. Journal of General Virology, 2011, 92, 931-939.	2.9	125
13	Evidence for a New Avian Paramyxovirus Serotype 10 Detected in Rockhopper Penguins from the Falkland Islands. Journal of Virology, 2010, 84, 11496-11504.	3.4	116
14	Highly Divergent Virulent Isolates of Newcastle Disease Virus from the Dominican Republic Are Members of a New Genotype That May Have Evolved Unnoticed for Over 2 Decades. Journal of Clinical Microbiology, 2013, 51, 508-517.	3.9	88
15	Virus interference between H7N2 low pathogenic avian influenza virus and lentogenic Newcastle disease virus in experimental co-infections in chickens and turkeys. Veterinary Research, 2014, 45, 1.	3.0	81
16	Complete Genome and Clinicopathological Characterization of a Virulent Newcastle Disease Virus Isolate from South America. Journal of Clinical Microbiology, 2012, 50, 378-387.	3.9	75
17	A robust and cost-effective approach to sequence and analyze complete genomes of small RNA viruses. Virology Journal, 2017, 14, 72.	3.4	75
18	Phylogenetic and Biological Characterization of Newcastle Disease Virus Isolates from Pakistan. Journal of Clinical Microbiology, 2010, 48, 1892-1894.	3.9	71

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19	Characterization of Live LaSota Vaccine Strainâ€“Induced Protection in Chickens upon Early Challenge with a Virulent Newcastle Disease Virus of Heterologous Genotype. Avian Diseases, 2012, 56, 464-470.	1.0	64
20	Molecular Epidemiology of Newcastle Disease in Mexico and the Potential Spillover of Viruses from Poultry into Wild Bird Species. Applied and Environmental Microbiology, 2013, 79, 4985-4992.	3.1	61
21	Characterization of Newcastle Disease Viruses Isolated from Cormorant and Gull Species in the United States in 2010. Avian Diseases, 2012, 56, 128-133.	1.0	55
22	Presence of Vaccine-Derived Newcastle Disease Viruses in Wild Birds. PLoS ONE, 2016, 11, e0162484.	2.5	52
23	In vivo transcriptional cytokine responses and association with clinical and pathological outcomes in chickens infected with different Newcastle disease virus isolates using formalin-fixed paraffin-embedded samples. Veterinary Immunology and Immunopathology, 2011, 141, 221-229.	1.2	46
24	Expression of interferon gamma by a highly virulent strain of Newcastle disease virus decreases its pathogenicity in chickens. Microbial Pathogenesis, 2013, 61-62, 73-83.	2.9	46
25	Phylogenetic assessment reveals continuous evolution and circulation of pigeon-derived virulent avian avulaviruses 1 in Eastern Europe, Asia, and Africa. BMC Veterinary Research, 2017, 13, 291.	1.9	44
26	Repeated isolation of virulent Newcastle disease viruses in poultry and captive non-poultry avian species in Pakistan from 2011 to 2016. Preventive Veterinary Medicine, 2017, 142, 1-6.	1.9	42
27	Neurological lesions in chickens experimentally infected with virulent Newcastle disease virus isolates. Avian Pathology, 2011, 40, 145-152.	2.0	39
28	Development of an improved vaccine evaluation protocol to compare the efficacy of Newcastle disease vaccines. Biologicals, 2015, 43, 136-145.	1.4	39
29	Newcastle Disease Viruses Causing Recent Outbreaks Worldwide Show Unexpectedly High Genetic Similarity to Historical Virulent Isolates from the 1940s. Journal of Clinical Microbiology, 2016, 54, 1228-1235.	3.9	39
30	Evolutionary Changes Affecting Rapid Identification of 2008 Newcastle Disease Viruses Isolated from Double-Crested Cormorants. Journal of Clinical Microbiology, 2010, 48, 2440-2448.	3.9	38
31	Experimental co-infections of domestic ducks with a virulent Newcastle disease virus and low or highly pathogenic avian influenza viruses. Veterinary Microbiology, 2015, 177, 7-17.	1.9	33
32	Newcastle disease virus fusion and haemagglutinin-neuraminidase proteins contribute to its macrophage host range. Journal of General Virology, 2013, 94, 1189-1194.	2.9	29
33	International Biological Engagement Programs Facilitate Newcastle Disease Epidemiological Studies. Frontiers in Public Health, 2015, 3, 235.	2.7	29
34	Expression of chicken interleukin-2 by a highly virulent strain of Newcastle disease virus leads to decreased systemic viral load but does not significantly affect mortality in chickens. Virology Journal, 2015, 12, 122.	3.4	26
35	Rapid virulence prediction and identification of Newcastle disease virus genotypes using third-generation sequencing. Virology Journal, 2018, 15, 179.	3.4	25
36	Separate Evolution of Virulent Newcastle Disease Viruses from Mexico and Central America. Journal of Clinical Microbiology, 2014, 52, 1382-1390.	3.9	23

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37	Repeated isolation of virulent Newcastle disease viruses of sub-genotype VIId from backyard chickens in Bulgaria and Ukraine between 2002 and 2013. Archives of Virology, 2016, 161, 3345-3353.	2.1	22
38	Effects of Chicken Interferon Gamma on Newcastle Disease Virus Vaccine Immunogenicity. PLoS ONE, 2016, 11, e0159153.	2.5	22
39	Previous infection with virulent strains of Newcastle disease virus reduces highly pathogenic avian influenza virus replication, disease, and mortality in chickens. Veterinary Research, 2015, 46, 97.	3.0	21
40	Complete Genome Sequence of an Avian Paramyxovirus Representative of Putative New Serotype 13. Genome Announcements, 2016, 4, .	0.8	21
41	Evaluation of Protective Efficacy When Combining Turkey Herpesvirusâ€“Vector Vaccines. Avian Diseases, 2018, 63, 75.	1.0	21
42	Isolation and Characterization of Newcastle Disease Virus from Live Bird Markets in Tanzania. Avian Diseases, 2019, 63, 634.	1.0	21
43	Newcastle Disease Virus Infection in Quail. Veterinary Pathology, 2018, 55, 682-692.	1.7	16
44	Complete Genome Sequence of a Genotype XVII Newcastle Disease Virus, Isolated from an Apparently Healthy Domestic Duck in Nigeria. Genome Announcements, 2016, 4, .	0.8	15
45	Pathogenicity evaluation of different Newcastle disease virus chimeras in 4-week-old chickens. Tropical Animal Health and Production, 2010, 42, 1785-1795.	1.4	14
46	Generation and characterization of a recombinant Newcastle disease virus expressing the red fluorescent protein for use in co-infection studies. Virology Journal, 2012, 9, 227.	3.4	14
47	Newcastle Disease Virus Detection and Differentiation from Avian Influenza. Methods in Molecular Biology, 2014, 1161, 235-239.	0.9	13
48	Tropism of Newcastle disease virus strains for chicken neurons, astrocytes, oligodendrocytes, and microglia. BMC Veterinary Research, 2019, 15, 317.	1.9	12
49	Avian Paramyxovirus Serotype 1 (Newcastle Disease Virus), Avian Influenza Virus, andSalmonellaspp. in Mute Swans (Cygnus olor) in the Great Lakes Region and Atlantic Coast of the United States. Avian Diseases, 2014, 58, 129-136.	1.0	11
50	Identification of Avian Paramyxovirus Serotype-1 in Wild Birds in the USA. Journal of Wildlife Diseases, 2016, 52, 657.	0.8	11
51	Complete Genome Sequencing of a Novel Newcastle Disease Virus Isolate Circulating in Layer Chickens in the Dominican Republic. Journal of Virology, 2012, 86, 9550-9550.	3.4	9
52	Protection against Different Genotypes of Newcastle Disease Viruses (NDV) Afforded by an Adenovirus-Vectored Fusion Protein and Live NDV Vaccines in Chickens. Vaccines, 2021, 9, 182.	4.4	8
53	Effect of Infection with a Mesogenic Strain of Newcastle Disease Virus on Infection with Highly Pathogenic Avian Influenza Virus in Chickens. Avian Diseases, 2016, 60, 269-278.	1.0	7
54	Complete Genome Sequences of Four Avian Paramyxoviruses of Serotype 10 Isolated from Rockhopper Penguins on the Falkland Islands. Genome Announcements, 2017, 5, .	0.8	7

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55	Repeated Challenge with Virulent Newcastle Disease Virus Does Not Decrease the Efficacy of Vaccines. Avian Diseases, 2017, 61, 245-249.	1.0	6
56	Identification and Complete Genome Sequence Analysis of a Genotype XIV Newcastle Disease Virus from Nigeria. Genome Announcements, 2016, 4, .	0.8	5
57	A Novel Recombinant Newcastle Disease Vaccine Improves Post- In Ovo Vaccination Survival with Sustained Protection against Virulent Challenge. Vaccines, 2021, 9, 953.	4.4	4
58	Experimental Infection and Transmission of Newcastle Disease Vaccine Virus in Four Wild Passerines. Avian Diseases, 2019, 63, 389.	1.0	4
59	Avian Influenza Virus and Newcastle Disease Virus. , 2017, , 547-559.		3
60	Reply to â€œMay Newly Defined Subgenotypes Va and Vb of Newcastle Disease Virus in Poultry Be Considered Two Different Genotypes?â€• Journal of Clinical Microbiology, 2016, 54, 2205-2206.	3.9	1
61	Histopathologic Characterization and Shedding Dynamics of Guineafowl (Numida meleagris) Intravenously Infected with a H6N2 Low Pathogenicity Avian Influenza Virus. Avian Diseases, 2016, 60, 279-285.	1.0	1