

Michelle Wille

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

1,099
citations

20
h-index

30
g-index

75
ext. papers

1,548
ext. citations

5.5
avg, IF

4.95
L-index

#	Paper	IF	Citations
64	Long-term variation in influenza A virus prevalence and subtype diversity in migratory mallards in northern Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140098	4.4	81
63	Extensive geographic mosaicism in avian influenza viruses from gulls in the northern hemisphere. <i>PLoS ONE</i> , 2011 , 6, e20664	3.7	57
62	Individual variation in influenza A virus infection histories and long-term immune responses in Mallards. <i>PLoS ONE</i> , 2013 , 8, e61201	3.7	52
61	Virus-virus interactions and host ecology are associated with RNA virome structure in wild birds. <i>Molecular Ecology</i> , 2018 , 27, 5263-5278	5.7	49
60	Frequency and patterns of reassortment in natural influenza A virus infection in a reservoir host. <i>Virology</i> , 2013 , 443, 150-60	3.6	45
59	A Divergent Hepatitis D-Like Agent in Birds. <i>Viruses</i> , 2018 , 10,	6.2	41
58	Meta-transcriptomics reveals a diverse antibiotic resistance gene pool in avian microbiomes. <i>BMC Biology</i> , 2019 , 17, 31	7.3	40
57	Reassortment of American and Eurasian genes in an influenza A virus isolated from a great black-backed gull (<i>Larus marinus</i>), a species demonstrated to move between these regions. <i>Archives of Virology</i> , 2011 , 156, 107-15	2.6	40
56	Virome heterogeneity and connectivity in waterfowl and shorebird communities. <i>ISME Journal</i> , 2019 , 13, 2603-2616	11.9	36
55	CCMetagen: comprehensive and accurate identification of eukaryotes and prokaryotes in metagenomic data. <i>Genome Biology</i> , 2020 , 21, 103	18.3	35
54	Host and virus ecology as determinants of influenza A virus transmission in wild birds. <i>Current Opinion in Virology</i> , 2018 , 28, 26-36	7.5	35
53	Novel hepatitis D-like agents in vertebrates and invertebrates. <i>Virus Evolution</i> , 2019 , 5, vez021	3.7	34
52	Wild birds as reservoirs for diverse and abundant gamma- and deltacoronaviruses. <i>FEMS Microbiology Reviews</i> , 2020 , 44, 631-644	15.1	34
51	Detection and characterisation of coronaviruses in migratory and non-migratory Australian wild birds. <i>Scientific Reports</i> , 2018 , 8, 5980	4.9	30
50	The Ecology and Evolution of Influenza Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	28
49	Sustained RNA virome diversity in Antarctic penguins and their ticks. <i>ISME Journal</i> , 2020 , 14, 1768-1782	11.9	28
48	Temporal dynamics, diversity, and interplay in three components of the virodiversity of a Mallard population: influenza A virus, avian paramyxovirus and avian coronavirus. <i>Infection, Genetics and Evolution</i> , 2015 , 29, 129-37	4.5	24

47	Global patterns of avian influenza A (H7): virus evolution and zoonotic threats. <i>FEMS Microbiology Reviews</i> , 2019 , 43, 608-621	15.1	22
46	Perpetuation and reassortment of gull influenza A viruses in Atlantic North America. <i>Virology</i> , 2014 , 456-457, 353-63	3.6	21
45	High Prevalence and Putative Lineage Maintenance of Avian Coronaviruses in Scandinavian Waterfowl. <i>PLoS ONE</i> , 2016 , 11, e0150198	3.7	21
44	Influenza A(H7N9) virus acquires resistance-related neuraminidase I222T substitution when infected mallards are exposed to low levels of oseltamivir in water. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5196-202	5.9	18
43	How accurately can we assess zoonotic risk?. <i>PLoS Biology</i> , 2021 , 19, e3001135	9.7	18
42	A Panel of Stably Expressed Reference Genes for Real-Time qPCR Gene Expression Studies of Mallards (<i>Anas platyrhynchos</i>). <i>PLoS ONE</i> , 2016 , 11, e0149454	3.7	18
41	Assessing the Role of Seabirds in the Ecology of Influenza A Viruses. <i>Avian Diseases</i> , 2016 , 60, 378-86	1.6	17
40	Prevalence of avian paramyxovirus type 1 in Mallards during autumn migration in the western Baltic Sea region. <i>Virology Journal</i> , 2013 , 10, 285	6.1	16
39	Virome composition in marine fish revealed by meta-transcriptomics. <i>Virus Evolution</i> , 2021 , 7, veab005	3.7	16
38	Antarctic Penguins as Reservoirs of Diversity for Avian Avulaviruses. <i>Journal of Virology</i> , 2019 , 93,	6.6	15
37	The genome sequence of an H11N2 avian influenza virus from a Thick-billed Murre (<i>Uria lomvia</i>) shows marine-specific and regional patterns of relationships to other viruses. <i>Virus Genes</i> , 2010 , 41, 224-30	2.3	14
36	Where do all the subtypes go? Temporal dynamics of H8-H12 influenza A viruses in waterfowl. <i>Virus Evolution</i> , 2018 , 4, vey025	3.7	14
35	A PELAGIC OUTBREAK OF AVIAN CHOLERA IN NORTH AMERICAN GULLS: SCAVENGING AS A PRIMARY MECHANISM FOR TRANSMISSION?. <i>Journal of Wildlife Diseases</i> , 2016 , 52, 793-802	1.3	13
34	Urbanization and the dynamics of RNA viruses in Mallards (<i>Anas platyrhynchos</i>). <i>Infection, Genetics and Evolution</i> , 2017 , 51, 89-97	4.5	12
33	Serologic Evidence of Exposure to Highly Pathogenic Avian Influenza H5 Viruses in Migratory Shorebirds, Australia. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1903-1910	10.2	11
32	Infected or not: are PCR-positive oropharyngeal swabs indicative of low pathogenic influenza A virus infection in the respiratory tract of Mallard <i>Anas platyrhynchos</i> ?. <i>Veterinary Research</i> , 2014 , 45, 53	3.8	11
31	Evaluation of seabirds in Newfoundland and Labrador, Canada, as hosts of influenza A viruses. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 98-103	1.3	11
30	Birds and viruses at a crossroad--surveillance of influenza A virus in Portuguese waterfowl. <i>PLoS ONE</i> , 2012 , 7, e49002	3.7	10

29	Risk assessment of SARS-CoV-2 in Antarctic wildlife. <i>Science of the Total Environment</i> , 2021 , 755, 143352	10.2	10
28	A rapid and transient innate immune response to avian influenza infection in mallards. <i>Molecular Immunology</i> , 2018 , 95, 64-72	4.3	9
27	A 4-year study of avian influenza virus prevalence and subtype diversity in ducks of Newfoundland, Canada. <i>Canadian Journal of Microbiology</i> , 2013 , 59, 701-8	3.2	9
26	Alternate routes of influenza A virus infection in Mallard (<i>Anas platyrhynchos</i>). <i>Veterinary Research</i> , 2018 , 49, 110	3.8	9
25	No evidence for homosubtypic immunity of influenza H3 in Mallards following vaccination in a natural experimental system. <i>Molecular Ecology</i> , 2017 , 26, 1420-1431	5.7	8
24	Oseltamivir Resistance in Influenza A(H6N2) Caused by an R292K Substitution in Neuraminidase Is Not Maintained in Mallards without Drug Pressure. <i>PLoS ONE</i> , 2015 , 10, e0139415	3.7	8
23	Genetic structure of avian influenza viruses from ducks of the Atlantic flyway of North America. <i>PLoS ONE</i> , 2014 , 9, e86999	3.7	8
22	Chlamydiaceae-like bacterium, but no <i>Chlamydia psittaci</i> , in sea birds from Antarctica. <i>Polar Biology</i> , 2015 , 38, 1931-1936	2	7
21	mallard experiments indicate that zanamivir has less potential for environmental influenza A virus resistance development than oseltamivir. <i>Journal of General Virology</i> , 2017 , 98, 2937-2949	4.9	6
20	Divergent Influenza-Like Viruses of Amphibians and Fish Support an Ancient Evolutionary Association. <i>Viruses</i> , 2020 , 12,	6.2	6
19	RNA later is a viable storage option for avian influenza sampling in logistically challenging conditions. <i>Journal of Virological Methods</i> , 2018 , 252, 32-36	2.6	5
18	Resurgence of avian influenza virus.. <i>Science</i> , 2022 , eabo1232	33.3	5
17	Expansion of spatial and host range of Puumala virus in Sweden: an increasing threat for humans?. <i>Epidemiology and Infection</i> , 2017 , 145, 1642-1648	4.3	4
16	RNA virome abundance and diversity is associated with host age in a bird species. <i>Virology</i> , 2021 , 561, 98-106	3.6	4
15	Evolutionary genetics of canine respiratory coronavirus and recent introduction into Swedish dogs. <i>Infection, Genetics and Evolution</i> , 2020 , 82, 104290	4.5	3
14	Expression of immune genes and in mallard ducks infected with low pathogenic avian influenza (LPAI): A dataset. <i>Data in Brief</i> , 2018 , 18, 1562-1566	1.2	3
13	Of Ducks and Men: Ecology and Evolution of a Zoonotic Pathogen in a Wild Reservoir Host. <i>Advances in Environmental Microbiology</i> , 2017 , 247-286	1.3	3
12	Narrative overview on wild bird migration in the context of highly pathogenic avian influenza incursion into the European Union. <i>EFSA Supporting Publications</i> , 2017 , 14, 1283E	1.1	3

11	Sustained virome diversity in Antarctic penguins and their ticks: geographical connectedness and no evidence for low pathogen pressure		3
10	How accurately can we assess zoonotic risk?		3
9	Influenza A/H4N2 mallard infection experiments further indicate zanamivir as less prone to induce environmental resistance development than oseltamivir. <i>Journal of General Virology</i> , 2020 , 101, 816-824	4.9	2
8	CCMetagen: comprehensive and accurate identification of eukaryotes and prokaryotes in metagenomic data		2
7	Four novel picornaviruses detected in Magellanic Penguins (<i>Spheniscus magellanicus</i>) in Chile. <i>Virology</i> , 2021 , 560, 116-123	3.6	2
6	Virome composition in marine fish revealed by meta-transcriptomics		1
5	Revealing interspecies transmission barriers of avian influenza A viruses		1
4	A divergent hepatitis D-like agent in birds		1
3	Parasites of chinstrap penguins (<i>Pygoscelis antarctica</i>) from three localities in the Antarctic Peninsula and a review of their parasitic fauna. <i>Polar Biology</i> , 1	2	1
2	Australia as a global sink for the genetic diversity of avian influenza A virus.. <i>PLoS Pathogens</i> , 2022 , 18, e1010150	7.6	1
1	Identification and molecular characterization of highly divergent RNA viruses in cattle, Uganda.. <i>Virus Research</i> , 2022 , 198739	6.4	0