Alison J Peel

List of Publications by Year
in descending order

63 papers	2,906 citations	201674 27 h-index	189892 50 g-index
70 all docs	70 docs citations	70 times ranked	3443 citing authors

#	Article	IF	Citations
1	Bat Flight and Zoonotic Viruses. Emerging Infectious Diseases, 2014, 20, 741-745.	4.3	269
2	A framework for the study of zoonotic disease emergence and its drivers: spillover of bat pathogens as a case study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2881-2892.	4.0	156
3	Deciphering Serology to Understand the Ecology of Infectious Diseases in Wildlife. EcoHealth, 2013, 10, 298-313.	2.0	156
4	Transmission or Within-Host Dynamics Driving Pulses of Zoonotic Viruses in Reservoirâ€“Host Populations. PLoS Neglected Tropical Diseases, 2016, 10, e0004796.	3.0	152
5	Ecology of Zoonotic Infectious Diseases in Bats: Current Knowledge and Future Directions. Zoonoses and Public Health, 2013, 60, 2-21.	2.2	150
6	Ranking the risk of animal-to-human spillover for newly discovered viruses. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	140
7	Possibility for reverse zoonotic transmission of SARS-CoV-2 to free-ranging wildlife: A case study of bats. PLoS Pathogens, 2020, 16, e1008758.	4.7	127
8	Ecology, evolution and spillover of coronaviruses from bats. Nature Reviews Microbiology, 2022, 20, 299-314.	28.6	108
9	Continent-wide panmixia of an African fruit bat facilitates transmission of potentially zoonotic viruses. Nature Communications, 2013, 4, 2770.	12.8	105
10	Ecological interventions to prevent and manage zoonotic pathogen spillover. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180342.	4.0	102
11	Changing resource landscapes and spillover of henipaviruses. Annals of the New York Academy of Sciences, 2018, 1429, 78-99.	3.8	97
12	The effect of seasonal birth pulses on pathogen persistence in wild mammal populations. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132962.	2.6	85
13	Bartonellaspecies in bat flies (Diptera: Nycteribiidae) from western Africa. Parasitology, 2012, 139, 324-329.	1.5	82
14	Novel, Potentially Zoonotic Paramyxoviruses from the African Straw-Colored Fruit Bat Eidolon helvum. Journal of Virology, 2013, 87, 1348-1358.	3.4	75
15	Henipavirus Neutralising Antibodies in an Isolated Island Population of African Fruit Bats. PLoS ONE, 2012, 7, e30346.	2.5	71
16	The non-human reservoirs of Ross River virus: a systematic review of the evidence. Parasites and Vectors, 2018, 11, 188.	2.5	65
17	Serological Evidence of Henipavirus Exposure in Cattle, Goats and Pigs in Bangladesh. PLoS Neglected Tropical Diseases, 2014, 8, e3302.	3.0	57
18	Use of cross-reactive serological assays for detecting novel pathogens in wildlife: Assessing an appropriate cutoff for henipavirus assays in African bats. Journal of Virological Methods, 2013, 193, 295-303.	2.1	50

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19	Conditions affecting the timing and magnitude of Hendra virus shedding across pteropodid bat populations in Australia. Epidemiology and Infection, 2017, 145, 3143-3153.	2.1	49
20	Synchronous shedding of multiple bat paramyxoviruses coincides with peak periods of Hendra virus spillover. Emerging Microbes and Infections, 2019, 8, 1314-1323.	6.5	49
21	Extreme Competence: Keystone Hosts of Infections. Trends in Ecology and Evolution, 2019, 34, 303-314.	8.7	46
22	The Movement Ecology of the Straw-Colored Fruit Bat, Eidolon helvum, in Sub-Saharan Africa Assessed by Stable Isotope Ratios. PLoS ONE, 2012, 7, e45729.	2.5	43
23	Bat conservation and zoonotic disease risk: a research agenda to prevent misguided persecution in the aftermath of COVIDâ€19. Animal Conservation, 2021, 24, 303-307.	2.9	43
24	Antigenic and genetic characterization of a divergent African virus, Ikoma lyssavirus. Journal of General Virology, 2014, 95, 1025-1032.	2.9	40
25	Support for viral persistence in bats from age-specific serology and models of maternal immunity. Scientific Reports, 2018, 8, 3859.	3.3	37
26	Disentangling serology to elucidate henipaâ€•and filovirus transmission in Madagascar fruit bats. Journal of Animal Ecology, 2019, 88, 1001-1016.	2.8	36
27	Environmental drivers of spatiotemporal foraging intensity in fruit bats and implications for Hendra virus ecology. Scientific Reports, 2018, 8, 9555.	3.3	33
28	Domesticated animals as hosts of henipaviruses and filoviruses: A systematic review. Veterinary Journal, 2018, 233, 25-34.	1.7	32
29	Models of Eucalypt phenology predict bat population flux. Ecology and Evolution, 2016, 6, 7230-7245.	1.9	30
30	Doseâ€“response and transmission: the nexus between reservoir hosts, environment and recipient hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190016.	4.0	30
31	What is stirring in the reservoir? Modelling mechanisms of henipavirus circulation in fruit bat hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190021.	4.0	29
32	Time of year, age class and body condition predict Hendra virus infection in Australian black flying foxes (Pteropus alecto). Epidemiology and Infection, 2019, 147, e240.	2.1	28
33	How to identify winâ€“win interventions that benefit human health and conservation. Nature Sustainability, 2021, 4, 298-304.	23.7	28
34	Non-invasive fecal hormone analysis and behavioral observations for monitoring stress responses in captive western lowland gorillas (Gorilla gorilla gorilla). Zoo Biology, 2005, 24, 431-445.	1.2	25
35	How Does Africa's Most Hunted Bat Vary Across the Continent? Population Traits of the Straw-Coloured Fruit Bat (Eidolon helvum) and Its Interactions with Humans. Acta Chiropterologica, 2017, 19, 77.	0.6	23
36	Persistent infections support maintenance of a coronavirus in a population of Australian bats (Myotis) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	23

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37	Qualitative risk analysis of introducing Batrachochytrium dendrobatidis to the UK through the importation of live amphibians. Diseases of Aquatic Organisms, 2012, 98, 95-112.	1.0	20
38	Interpreting mosquito feeding patterns in Australia through an ecological lens: an analysis of blood meal studies. Parasites and Vectors, 2019, 12, 156.	2.5	20
39	Is disease a major causal factor in declines? An Evidence Framework and case study on koala chlamydiosis. Biological Conservation, 2018, 221, 334-344.	4.1	18
40	A Deep Divergence Time between Sister Species ofEidolon(Pteropodidae) with Evidence for Widespread Panmixia. Acta Chiropterologica, 2014, 16, 279-292.	0.6	16
41	Optimizing noninvasive sampling of a zoonotic bat virus. Ecology and Evolution, 2021, 11, 12307-12321.	1.9	13
42	Chlamydia Psittaci ST24: Clonal Strains of One Health Importance Dominate in Australian Horse, Bird and Human Infections. Pathogens, 2021, 10, 1015.	2.8	12
43	Risk of SARS-CoV-2 transmission from humans to bats â€“ An Australian assessment. One Health, 2021, 13, 100247.	3.4	12
44	Bat trait, genetic and pathogen data from large-scale investigations of African fruit bats, Eidolon helvum. Scientific Data, 2016, 3, 160049.	5.3	9
45	The Expectations and Challenges of Wildlife Disease Research in the Era of Genomics: Forecasting with a Horizon Scan-like Exercise. Journal of Heredity, 2019, 110, 261-274.	2.4	9
46	Spatial dynamics of pathogen transmission in communally roosting species: Impacts of changing habitats on batâ€virus dynamics. Journal of Animal Ecology, 2021, 90, 2609-2622.	2.8	9
47	Coronaviruses and Australian bats: a review in the midst of a pandemic. Australian Journal of Zoology, 2019, 67, 346.	1.0	9
48	Land use, season, and parasitism predict metal concentrations in Australian flying fox fur. Science of the Total Environment, 2022, 841, 156699.	8.0	9
49	Can survival analyses detect hunting pressure in a highly connected species? Lessons from straw-coloured fruit bats. Biological Conservation, 2016, 200, 131-139.	4.1	8
50	Hendra in the Hunter Valley. One Health, 2020, 10, 100162.	3.4	8
51	Species Traits and Hotspots Associated with Ross River Virus Infection in Nonhuman Vertebrates in South East Queensland. Vector-Borne and Zoonotic Diseases, 2021, 21, 50-58.	1.5	8
52	Associations Between Ross River Virus Infection in Humans and Vector-Vertebrate Community Ecology in Brisbane, Australia. Vector-Borne and Zoonotic Diseases, 2020, 20, 680-691.	1.5	7
53	The equine Hendra virus vaccine remains a highly effective preventative measure against infection in horses and humans: â€˜The imperative to develop a human vaccine for the Hendra virus in Australiaâ€™. Infection Ecology and Epidemiology, 2016, 6, 31658.	0.8	6
54	Conventional wisdom on roosting behavior of Australian flyingâ€foxesâ€”A critical review, and evaluation using new data. Ecology and Evolution, 2021, 11, 13532-13558.	1.9	6

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55	Characterization of microsatellite loci in the straw-colored fruit bat, Eidolon helvum (Pteropodidae). Conservation Genetics Resources, 2010, 2, 279-282.	0.8	4
56	Pituitary Pars Intermedia Dysfunction (Equine Cushing's Disease) in an Onager (Equus hemionus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.6	3
57	Engaging rural Australian communities in National Science Week helps increase visibility for women researchers. Royal Society Open Science, 2017, 4, 170548.	2.4	2
58	Conditions predict heightened Hendra virus spillover risk in horses this winter: actions now can change outcomes. Australian Veterinary Journal, 2020, 98, 270-271.	1.1	2
59	Estimating viral prevalence with data fusion for adaptive twoâ€phase pooled sampling. Ecology and Evolution, 2021, 11, 14012-14023.	1.9	2
60	Counterintuitive scaling between population abundance and local density: Implications for modelling transmission of infectious diseases in bat populations. Journal of Animal Ecology, 2021, , .	2.8	2
61	Serological evidence of a pararubulavirus and a betacoronavirus in the geographically isolated Christmas Island flyingâ€fox (Pteropus natalis). Transboundary and Emerging Diseases, 2022, 69, .	3.0	2
62	Morphological and quantitative analysis of leukocytes in free-living Australian black flying foxes (Pteropus alecto). PLoS ONE, 2022, 17, e0268549.	2.5	1
63	More than One Third of Global Human Infectious Disease Burden Is Environmentally Mediated, with Disproportionate Effects in Rural Poor Areas. SSRN Electronic Journal, 0, , .	0.4	0