

# Kurt J Vandegrift

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

784  
citations

687363

13  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple spillovers from humans and onward transmission of SARS-CoV-2 in white-tailed deer. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	164
2	Ecology of avian influenza viruses in a changing world. Annals of the New York Academy of Sciences, 2010, 1195, 113-128.	3.8	106
3	Predictive Power of Air Travel and Socio-Economic Data for Early Pandemic Spread. PLoS ONE, 2010, 5, e12763.	2.5	65
4	Towards an eco-phylogenetic framework for infectious disease ecology. Biological Reviews, 2018, 93, 950-970.	10.4	63
5	Computational prediction of the effect of amino acid changes on the binding affinity between SARS-CoV-2 spike RBD and human ACE2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	61
6	Viral persistence, liver disease, and host response in a hepatitis C-like virus rat model. Hepatology, 2018, 68, 435-448.	7.3	59
7	PARASITES PREVENT SUMMER BREEDING IN WHITE-FOOTED MICE, <i>PEROMYSCUS LEUCOPUS</i> . Ecology, 2008, 89, 2251-2258.	3.2	58
8	The Ecology of New Constituents of the Tick Virome and Their Relevance to Public Health. Viruses, 2019, 11, 529.	3.3	38
9	Could parasites destabilize mouse populations? The potential role of Pterygodermatites peromysci in the population dynamics of free-living mice, Peromyscus leucopus. International Journal for Parasitology, 2009, 39, 1253-1262.	3.1	27
10	Bird migration and avian influenza: A comparison of hydrogen stable isotopes and satellite tracking methods. Ecological Indicators, 2014, 45, 266-273.	6.3	25
11	MIReAD, a minimum information standard for reporting arthropod abundance data. Scientific Data, 2019, 6, 40.	5.3	20
12	Influenza C and D viral load in cattle correlates with bovine respiratory disease (BRD): Emerging role of orthomyxoviruses in the pathogenesis of BRD. Virology, 2020, 551, 10-15.	2.4	19
13	Presence of Segmented Flavivirus Infections in North America. Emerging Infectious Diseases, 2020, 26, 1810-1817.	4.3	19
14	Response to enrichment, type and timing: small mammals vary in their response to a springtime cicada but not a carbohydrate pulse. Journal of Animal Ecology, 2009, 78, 202-209.	2.8	13
15	An Ecological and Conservation Perspective on Advances in the Applied Virology of Zoonoses. Viruses, 2011, 3, 379-397.	3.3	7
16	Increasing Babesiosis in Southeastern Pennsylvania, 2008-2017. Open Forum Infectious Diseases, 2019, 6, ofz066.	0.9	7
17	Peromyscus as a model system for human hepatitis C: An opportunity to advance our understanding of a complex host parasite system. Seminars in Cell and Developmental Biology, 2017, 61, 123-130.	5.0	5
18	Species-Level Profiling of Ixodes pacificus Bacterial Microbiomes Reveals High Variability Across Short Spatial Scales at Different Taxonomic Resolutions. Genetic Testing and Molecular Biomarkers, 2021, 25, 551-562.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Development and Validation of Indirect Enzyme-Linked Immunosorbent Assays for Detecting Antibodies to SARS-CoV-2 in Cattle, Swine, and Chicken. <i>Viruses</i> , 2022, 14, 1358.	3.3	2
20	Rodent Virus Diversity and Differentiation across Post-Katrina New Orleans. <i>Sustainability</i> , 2021, 13, 8034.	3.2	1
21	A molecular reconstruction of holarctic Heligmosomidae reveals a new species of <i>Heligmosomoides</i> (Nematoda: Heligmosomidae) in <i>Peromyscus maniculatus</i> (Neotominae) from Canada. <i>Systematics and Biodiversity</i> , 2022, 20, 1-19.	1.2	1