

Nicholas M Fountain-Jones

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

801
citations

516561

16
h-index

580701

25
g-index

51
all docs

51
docs citations

51
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving beyond the guild concept: developing a practical functional trait framework for terrestrial beetles. <i>Ecological Entomology</i> , 2015, 40, 1-13.	1.1	85
2	Microclimate through space and time: Microclimatic variation at the edge of regeneration forests over daily, yearly and decadal time scales. <i>Forest Ecology and Management</i> , 2014, 334, 174-184.	1.4	65
3	Towards an eco-phylogenetic framework for infectious disease ecology. <i>Biological Reviews</i> , 2018, 93, 950-970.	4.7	63
4	Urban landscapes can change virus gene flow and evolution in a fragmentation-sensitive carnivore. <i>Molecular Ecology</i> , 2017, 26, 6487-6498.	2.0	40
5	Pathogens in space: Advancing understanding of pathogen dynamics and disease ecology through landscape genetics. <i>Evolutionary Applications</i> , 2018, 11, 1763-1778.	1.5	37
6	How to make more from exposure data? An integrated machine learning pipeline to predict pathogen exposure. <i>Journal of Animal Ecology</i> , 2019, 88, 1447-1461.	1.3	33
7	Living near the edge: Being close to mature forest increases the rate of succession in beetle communities. <i>Ecological Applications</i> , 2015, 25, 800-811.	1.8	31
8	Using host traits to predict reservoir host species of rabies virus. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008940.	1.3	29
9	Global emergence and evolutionary dynamics of bluetongue virus. <i>Scientific Reports</i> , 2020, 10, 21677.	1.6	26
10	Species-specific spatiotemporal patterns of leopard, lion and tiger attacks on humans. <i>Journal of Applied Ecology</i> , 2019, 56, 585-593.	1.9	24
11	Parasites as conservation tools. <i>Conservation Biology</i> , 2022, 36, .	2.4	24
12	Urbanization impacts apex predator gene flow but not genetic diversity across an urban-rural divide. <i>Molecular Ecology</i> , 2019, 28, 4926-4940.	2.0	23
13	Linking social and spatial networks to viral community phylogenetics reveals subtype-specific transmission dynamics in African lions. <i>Journal of Animal Ecology</i> , 2017, 86, 1469-1482.	1.3	22
14	Mitochondrial genome sequencing reveals potential origins of the scabies mite <i>Sarcoptes scabiei</i> infesting two iconic Australian marsupials. <i>BMC Evolutionary Biology</i> , 2017, 17, 233.	3.2	22
15	Emerging phylogenetic structure of the SARS-CoV-2 pandemic. <i>Virus Evolution</i> , 2020, 6, veaa082.	2.2	21
16	Trophic position determines functional and phylogenetic recovery after disturbance within a community. <i>Functional Ecology</i> , 2017, 31, 1441-1451.	1.7	20
17	Host relatedness and landscape connectivity shape pathogen spread in the puma, a large secretive carnivore. <i>Communications Biology</i> , 2021, 4, 12.	2.0	20
18	Cross-species transmission and evolutionary dynamics of canine distemper virus during a spillover in African lions of Serengeti National Park. <i>Molecular Ecology</i> , 2020, 29, 4308-4321.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Frequent cross-species transmissions of foamy virus between domestic and wild felids. <i>Virus Evolution</i> , 2020, 6, vez058.	2.2	17
20	Incorporating genomic methods into contact networks to reveal new insights into animal behaviour and infectious disease dynamics. <i>Behaviour</i> , 2018, 155, 759-791.	0.4	16
21	Microbial associations and spatial proximity predict North American moose (<i>Alces alces</i>) gastrointestinal community composition. <i>Journal of Animal Ecology</i> , 2020, 89, 817-828.	1.3	16
22	Endemic infection can shape exposure to novel pathogens: Pathogen occurrence networks in the Serengeti lions. <i>Ecology Letters</i> , 2019, 22, 904-913.	3.0	14
23	Gut microbiota and their putative metabolic functions in fragmented Bengal tiger population of Nepal. <i>PLoS ONE</i> , 2019, 14, e0221868.	1.1	13
24	Group density, disease, and season shape territory size and overlap of social carnivores. <i>Journal of Animal Ecology</i> , 2021, 90, 87-101.	1.3	12
25	MrIML: Multi-response interpretable machine learning to model genomic landscapes. <i>Molecular Ecology Resources</i> , 2021, 21, 2766-2781.	2.2	12
26	Mainstreaming Microbes across Biomes. <i>BioScience</i> , 2020, 70, 589-596.	2.2	11
27	Temporal persistence of edge effects on bryophytes within harvested forests. <i>Forest Ecology and Management</i> , 2016, 375, 223-229.	1.4	10
28	The Expectations and Challenges of Wildlife Disease Research in the Era of Genomics: Forecasting with a Horizon Scan-like Exercise. <i>Journal of Heredity</i> , 2019, 110, 261-274.	1.0	9
29	Distance, environmental and substrate factors impacting recovery of bryophyte communities after harvesting. <i>Applied Vegetation Science</i> , 2018, 21, 64-75.	0.9	8
30	Machine learning in molecular ecology. <i>Molecular Ecology Resources</i> , 2021, 21, 2589-2597.	2.2	8
31	Does the virus cross the road? Viral phylogeographic patterns among bobcat populations reflect a history of urban development. <i>Evolutionary Applications</i> , 2020, 13, 1806-1817.	1.5	7
32	Novel smacoviruses identified in the faeces of two wild felids: North American bobcat and African lion. <i>Archives of Virology</i> , 2019, 164, 2395-2399.	0.9	5
33	Anemia or other comorbidities? using machine learning to reveal deeper insights into the drivers of acute coronary syndromes in hospital admitted patients. <i>PLoS ONE</i> , 2022, 17, e0262997.	1.1	5
34	Hunting alters viral transmission and evolution in a large carnivore. <i>Nature Ecology and Evolution</i> , 2022, 6, 174-182.	3.4	5
35	Beetle communities associated with the tree fern <i>Dicksonia antarctica</i> Labill. in Tasmania. <i>Australian Journal of Entomology</i> , 2012, 51, 154-165.	1.1	4
36	Machine-learning model led design to experimentally test species thermal limits: The case of kissing bugs (Triatominae). <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008822.	1.3	4

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37	Environment, vector, or host? Using machine learning to untangle the mechanisms driving arbovirus outbreaks. <i>Ecological Applications</i> , 2021, 31, e02407.	1.8	4
38	Strong trait correlation and phylogenetic signal in North American ground beetle (Carabidae) morphology. <i>Ecosphere</i> , 2021, 12, .	1.0	3
39	Comparative phylodynamics reveals the evolutionary history of SARS-CoV-2 emerging variants in the Arabian Peninsula. <i>Virus Evolution</i> , 2022, 8, .	2.2	3
40	Cross-sectional association of <i>Toxoplasma gondii</i> exposure with BMI and diet in US adults. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009825.	1.3	1
41	Domestic horses within the Maya biosphere reserve: A possible threat to the Central American tapir (<i>Tapirus bairdii</i>). <i>Caldasia</i> , 2018, 40, 188-191.	0.1	0
42	Interspecies bacterial communication produces a delicate balance between <i>Vibrio cholerae</i> and the chironomid egg mass microbiome. <i>Molecular Ecology</i> , 2021, 30, 1571-1573.	2.0	0