

Vanessa O Ezenwa

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

5,336
citations

126708

33
h-index

91712

69
g-index

102
all docs

102
docs citations

102
times ranked

6723
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Organization and Parasite Risk in Mammals: Integrating Theory and Empirical Studies. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 517-547.	3.8	625
2	Animal Behavior and the Microbiome. <i>Science</i> , 2012, 338, 198-199.	6.0	400
3	Avian diversity and West Nile virus: testing associations between biodiversity and infectious disease risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 109-117.	1.2	272
4	Biodiversity Loss Affects Global Disease Ecology. <i>BioScience</i> , 2009, 59, 945-954.	2.2	211
5	Hidden Consequences of Living in a Wormy World: Nematode-Induced Immune Suppression Facilitates Tuberculosis Invasion in African Buffalo. <i>American Naturalist</i> , 2010, 176, 613-624.	1.0	205
6	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020, 11, .	1.8	204
7	INTERACTIONS BETWEEN MACROPARASITES AND MICROPARASITES DRIVE INFECTION PATTERNS IN FREE-RANGING AFRICAN BUFFALO. <i>Ecology</i> , 2008, 89, 2239-2250.	1.5	194
8	Heterogeneity in pathogen transmission: mechanisms and methodology. <i>Functional Ecology</i> , 2016, 30, 1606-1622.	1.7	177
9	Infecting epidemiology with genetics: a new frontier in disease ecology. <i>Trends in Ecology and Evolution</i> , 2009, 24, 21-30.	4.2	172
10	Opposite effects of anthelmintic treatment on microbial infection at individual versus population scales. <i>Science</i> , 2015, 347, 175-177.	6.0	138
11	The macroecology of infectious diseases: a new perspective on global-scale drivers of pathogen distributions and impacts. <i>Ecology Letters</i> , 2016, 19, 1159-1171.	3.0	126
12	From Host Immunity to Pathogen Invasion: The Effects of Helminth Coinfection on the Dynamics of Microparasites. <i>Integrative and Comparative Biology</i> , 2011, 51, 540-551.	0.9	124
13	Comparative analysis of ear-hole closure identifies epimorphic regeneration as a discrete trait in mammals. <i>Nature Communications</i> , 2016, 7, 11164.	5.8	124
14	Host behaviour-“parasite feedback: an essential link between animal behaviour and disease ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153078.	1.2	112
15	Does Animal Behavior Underlie Covariation Between Hosts’™ Exposure to Infectious Agents and Susceptibility to Infection? Implications for Disease Dynamics. <i>Integrative and Comparative Biology</i> , 2011, 51, 528-539.	0.9	107
16	Host traits and parasite species richness in even and odd-toed hoofed mammals, Artiodactyla and Perissodactyla. <i>Oikos</i> , 2006, 115, 526-536.	1.2	103
17	Microbes and animal olfactory communication: Where do we go from here?. <i>BioEssays</i> , 2014, 36, 847-854.	1.2	98
18	Global Mammal Parasite Database version 2.0. <i>Ecology</i> , 2017, 98, 1476-1476.	1.5	98

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19	Interactions among host diet, nutritional status and gastrointestinal parasite infection in wild bovinds. <i>International Journal for Parasitology</i> , 2004, 34, 535-542.	1.3	93
20	Unravelling complex associations between testosterone and parasite infection in the wild. <i>Functional Ecology</i> , 2012, 26, 123-133.	1.7	91
21	Selective Defecation and Selective Foraging: Antiparasite Behavior in Wild Ungulates?. <i>Ethology</i> , 2004, 110, 851-862.	0.5	77
22	Land Cover Variation and West Nile Virus Prevalence: Patterns, Processes, and Implications for Disease Control. <i>Vector-Borne and Zoonotic Diseases</i> , 2007, 7, 173-180.	0.6	77
23	Group living and pathogen infection revisited. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 66-72.	2.0	77
24	Candidate gene microsatellite variation is associated with parasitism in wild bighorn sheep. <i>Biology Letters</i> , 2008, 4, 228-231.	1.0	76
25	Population genetic structure and history of a generalist parasite infecting multiple sympatric host species. <i>International Journal for Parasitology</i> , 2011, 41, 89-98.	1.3	74
26	Ancient Conservation of Trinucleotide Microsatellite Loci in Polistine Wasps. <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 168-177.	1.2	66
27	Refugia and anthelmintic resistance: Concepts and challenges. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 10, 51-57.	1.4	65
28	Does the impact of biodiversity differ between emerging and endemic pathogens? The need to separate the concepts of hazard and risk. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160129.	1.8	58
29	A reliable body condition scoring technique for estimating condition in African buffalo. <i>African Journal of Ecology</i> , 2009, 47, 476-481.	0.4	57
30	Resource limitation alters the consequences of co-infection for both hosts and parasites. <i>International Journal for Parasitology</i> , 2015, 45, 455-463.	1.3	57
31	Horns honestly advertise parasite infection in male and female African buffalo. <i>Animal Behaviour</i> , 2008, 75, 2013-2021.	0.8	46
32	Innate Immunity in Free-Ranging African Buffalo (<i>Synderus caffer</i>): Associations with Parasite Infection and White Blood Cell Counts. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 255-264.	0.6	40
33	Direct and indirect costs of co-infection in the wild: Linking gastrointestinal parasite communities, host hematology, and immune function. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2012, 1, 2-12.	0.6	37
34	Differential host responses to parasitism shape divergent fitness costs of infection. <i>Functional Ecology</i> , 2018, 32, 324-333.	1.7	36
35	A combined parasitological molecular approach for noninvasive characterization of parasitic nematode communities in wild hosts. <i>Molecular Ecology Resources</i> , 2015, 15, 1112-1119.	2.2	34
36	Nematode-coccidia parasite co-infections in African buffalo: Epidemiology and associations with host condition and pregnancy. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014, 3, 124-134.	0.6	33

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37	Gauging support for macroecological patterns in helminth parasites. <i>Global Ecology and Biogeography</i> , 2018, 27, 1437-1447.	2.7	33
38	Tick infestation patterns in free ranging African buffalo (<i>Syncerus caffer</i>): Effects of host innate immunity and niche segregation among tick species. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2013, 2, 1-9.	0.6	32
39	Opposite outcomes of coinfection at individual and population scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7545-7550.	3.3	31
40	Ungulates as model systems for the study of disease processes in natural populations. <i>Journal of Mammalogy</i> , 2015, 96, 4-15.	0.6	30
41	Context-dependent survival, fecundity and predicted population-level consequences of brucellosis in African buffalo. <i>Journal of Animal Ecology</i> , 2015, 84, 999-1009.	1.3	29
42	Disentangling complex parasite interactions: Protection against cerebral malaria by one helminth species is jeopardized by co-infection with another. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006483.	1.3	26
43	Interdisciplinarity and Infectious Diseases: An Ebola Case Study. <i>PLoS Pathogens</i> , 2015, 11, e1004992.	2.1	25
44	Complex Tissue Regeneration in Mammals Is Associated With Reduced Inflammatory Cytokines and an Influx of T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1695.	2.2	24
45	Within guild coinfections influence parasite community membership: a longitudinal study in African Buffalo. <i>Journal of Animal Ecology</i> , 2016, 85, 1025-1034.	1.3	23
46	Host immunity, nutrition and coinfection alter longitudinal infection patterns of schistosomes in a free ranging African buffalo population. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006122.	1.3	23
47	Rainfall as a driver of seasonality in parasitism. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 12, 8-12.	0.6	22
48	Experimental insight into the process of parasite community assembly. <i>Journal of Animal Ecology</i> , 2016, 85, 1222-1233.	1.3	20
49	Parasite infection rates of impala (<i>Aepyceros melampus</i>) in fenced game reserves in relation to reserve characteristics. <i>Biological Conservation</i> , 2004, 118, 397-401.	1.9	19
50	Parasitism and host social behaviour: a meta-analysis of insights derived from social network analysis. <i>Animal Behaviour</i> , 2021, 172, 171-182.	0.8	19
51	Ecology of Potential West Nile Virus Vectors in Southeastern Louisiana: Enzootic Transmission in the Relative Absence of <i>Culex quinquefasciatus</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 986-996.	0.6	18
52	Drivers and consequences of variation in individual social connectivity. <i>Animal Behaviour</i> , 2017, 133, 1-9.	0.8	18
53	Social living simultaneously increases infection risk and decreases the cost of infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, .	1.2	18
54	Parasite sharing in wild ungulates and their predators: Effects of phylogeny, range overlap, and trophic links. <i>Journal of Animal Ecology</i> , 2019, 88, 1017-1028.	1.3	18

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55	EVALUATION OF THE SENSITIVITY AND SPECIFICITY OF AN ENZYME-LINKED IMMUNOSORBENT ASSAY FOR DIAGNOSING BRUCELLOSIS IN AFRICAN BUFFALO (<i>SYNCERUS CAFFER</i>). <i>Journal of Wildlife Diseases</i> , 2015, 51, 9.	0.3	17
56	Coinfection and infection duration shape how pathogens affect the African buffalo gut microbiota. <i>ISME Journal</i> , 2021, 15, 1359-1371.	4.4	17
57	Unravelling the Costs of Flight for Immune Defenses in the Migratory Monarch Butterfly. <i>Integrative and Comparative Biology</i> , 2016, 56, 278-289.	0.9	16
58	Consequences of Food Restriction for Immune Defense, Parasite Infection, and Fitness in Monarch Butterflies. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 389-401.	0.6	15
59	PREVALENCE OF ANTIBODIES TO CANINE PARVOVIRUS AND DISTEMPER VIRUS IN WOLVES IN THE CANADIAN ROCKY MOUNTAINS. <i>Journal of Wildlife Diseases</i> , 2012, 48, 68-76.	0.3	14
60	Reciprocal relationships between behaviour and parasites suggest that negative feedback may drive flexibility in male reproductive behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160423.	1.2	14
61	Large wildlife removal drives immune defence increases in rodents. <i>Functional Ecology</i> , 2016, 30, 799-807.	1.7	13
62	Interactions between Micro- and Macroparasites Predict Microparasite Species Richness across Primates. <i>American Naturalist</i> , 2014, 183, 494-505.	1.0	12
63	Pathogen Exposure in Cattle at the Livestock-Wildlife Interface. <i>EcoHealth</i> , 2017, 14, 542-551.	0.9	12
64	Anthelmintic treatment affects behavioural time allocation in a free-ranging ungulate. <i>Animal Behaviour</i> , 2015, 108, 47-54.	0.8	11
65	Regeneration-Competent and -Incompetent Murids Differ in Neutrophil Quantity and Function. <i>Integrative and Comparative Biology</i> , 2019, 59, 1138-1149.	0.9	11
66	Identifying correlates of Guinea worm (<i>Dracunculus medinensis</i>) infection in domestic dog populations. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008620.	1.3	11
67	Context-dependent costs and benefits of tuberculosis resistance traits in a wild mammalian host. <i>Ecology and Evolution</i> , 2018, 8, 12712-12726.	0.8	10
68	Why did the buffalo cross the park? Resource shortages, but not infections, drive dispersal in female African buffalo (<i>Syncerus caffer</i>). <i>Ecology and Evolution</i> , 2019, 9, 5651-5663.	0.8	10
69	Infectious Diseases, Livestock, and Climate: A Vicious Cycle?. <i>Trends in Ecology and Evolution</i> , 2020, 35, 959-962.	4.2	10
70	Large herbivore loss has complex effects on mosquito ecology and vector-borne disease risk. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2503-2513.	1.3	10
71	Natural resistance to worms exacerbates bovine tuberculosis severity independently of worm coinfection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
72	<i>Muellerius capillaris</i> Dominates the Lungworm Community of Bighorn Sheep at the National Bison Range, Montana. <i>Journal of Wildlife Diseases</i> , 2010, 46, 988-993.	0.3	9

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73	Limited sharing of tick-borne hemoparasites between sympatric wild and domestic ungulates. <i>Veterinary Parasitology</i> , 2016, 226, 167-173.	0.7	9
74	The effects of time of day on the prevalence of coccidian oocysts in antelope faecal samples. <i>African Journal of Ecology</i> , 2003, 41, 192-193.	0.4	8
75	Identification of novel <i>Theileria</i> genotypes from Grant's gazelle. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015, 4, 239-243.	0.6	8
76	Bovine tuberculosis disturbs parasite functional trait composition in African buffalo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14645-14650.	3.3	8
77	Exposure to Ebola Virus and Risk for Infection with Malaria Parasites, Rural Gabon. <i>Emerging Infectious Diseases</i> , 2020, 26, 229-237.	2.0	7
78	Sublethal effects of parasitism on ruminants can have cascading consequences for ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117381119.	3.3	7
79	Infection with <i>Mycoplasma gallisepticum</i> Buffers the Effects of Acute Stress on Innate Immunity in House Finches. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 257-264.	0.6	6
80	Associations between testosterone and immune activity in alligators depend on bacteria species and temperature. <i>Functional Ecology</i> , 2021, 35, 1018-1027.	1.7	6
81	A comparison of two methods for quantifying parasitic nematode fecundity. <i>Parasitology Research</i> , 2017, 116, 1597-1602.	0.6	4
82	Risk alleles for tuberculosis infection associate with reduced immune reactivity in a wild mammalian host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190914.	1.2	4
83	Co-infection best predicts respiratory viral infection in a wild host. <i>Journal of Animal Ecology</i> , 2021, 90, 602-614.	1.3	4
84	Do predators keep prey healthy or make them sicker? A meta-analysis. <i>Ecology Letters</i> , 2022, 25, 278-294.	3.0	4
85	Immune stability predicts tuberculosis infection risk in a wild mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191401.	1.2	3
86	Characterising interactions between co-infecting parasites using age-intensity profiles. <i>International Journal for Parasitology</i> , 2020, 50, 23-26.	1.3	3
87	COMPARISON OF MODIFIED FLOTAC AND BAERMANN TECHNIQUES FOR QUANTIFYING LUNGWORM LARVAE IN FREE-RANGING BIGHORN SHEEP (<i>OVIS CANADENSIS</i>) FECES, MONTANA, USA. <i>Journal of Wildlife Diseases</i> , 2015, 51, 843-848.	0.3	2
88	Noninvasive measures of stress response in African buffalo (<i>Syncerus caffer</i>) reveal an age-dependent stress response to immobilization. <i>Journal of Mammalogy</i> , 0, , .	0.6	2
89	Alternative transmission pathways for guinea worm in dogs: implications for outbreak risk and control. <i>International Journal for Parasitology</i> , 2021, 51, 1027-1034.	1.3	2
90	Response to Charlier et al.: Climate-Driven Disease Feedbacks Mediated by Livestock Methane Emissions Are Plausible. <i>Trends in Ecology and Evolution</i> , 2021, 36, 578-579.	4.2	2

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91	Development and characterization of 30 novel microsatellite markers for Grant's gazelle (<i>Nanger t. t.</i>)	0.784314	14
92	Immune trade-offs shape disease outcomes at individual and population scales. <i>FASEB Journal</i> , 2019, 33, 204.3.	0.2	0
93	Title is missing!. , 2020, 14, e0008620.		0
94	Title is missing!. , 2020, 14, e0008620.		0
95	Title is missing!. , 2020, 14, e0008620.		0
96	Title is missing!. , 2020, 14, e0008620.		0
97	Title is missing!. , 2020, 14, e0008620.		0
98	Title is missing!. , 2020, 14, e0008620.		0
99	Title is missing!. , 2020, 14, e0008620.		0
100	Title is missing!. , 2020, 14, e0008620.		0