

Valerie J Mckenzie

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

7,534
citations

147801

31
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

9274
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Biofilm Thickness and Fungal Inhibitory Bacterial Richness Both Prevent Establishment of the Amphibian Fungal Pathogen <i>Batrachochytrium dendrobatidis</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0160421.	3.1	7
2	Predicting fungal infection rate and severity with skin-associated microbial communities on amphibians. <i>Molecular Ecology</i> , 2022, 31, 2140-2156.	3.9	7
3	Effects of captivity and rewilding on amphibian skin microbiomes. <i>Biological Conservation</i> , 2022, 271, 109576.	4.1	25
4	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	3.9	19
5	Identifying fungal-host associations in an amphibian host system. <i>PLoS ONE</i> , 2021, 16, e0256328.	2.5	5
6	Host microbiomes and disease. , 2020, , 122-153.		1
7	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020, 11, .	4.1	204
8	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. <i>ISME Journal</i> , 2019, 13, 576-587.	9.8	236
9	Is there convergence of gut microbes in blood-feeding vertebrates?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180249.	4.0	21
10	Community richness of amphibian skin bacteria correlates with bioclimate at the global scale. <i>Nature Ecology and Evolution</i> , 2019, 3, 381-389.	7.8	68
11	The microbiome in threatened species conservation. <i>Biological Conservation</i> , 2019, 229, 85-98.	4.1	185
12	Experimental habitat fragmentation disrupts nematode infections in Australian skinks. <i>Ecology</i> , 2019, 100, e02547.	3.2	12
13	Probiotics as a tool for disease mitigation in wildlife: insights from food production and medicine. <i>Annals of the New York Academy of Sciences</i> , 2018, 1429, 18-30.	3.8	49
14	Host-associated bacterial community succession during amphibian development. <i>Molecular Ecology</i> , 2018, 27, 1992-2006.	3.9	47
15	Assessment of Bacterial Communities Associated With the Skin of Costa Rican Amphibians at La Selva Biological Station. <i>Frontiers in Microbiology</i> , 2018, 9, 2001.	3.5	21
16	Greater Species Richness of Bacterial Skin Symbionts Better Suppresses the Amphibian Fungal Pathogen <i>Batrachochytrium Dendrobatidis</i> . <i>Microbial Ecology</i> , 2017, 74, 217-226.	2.8	82
17	Identification of Bufadienolides from the Boreal Toad, <i>Anaxyrus boreas</i> , Active Against a Fungal Pathogen. <i>Microbial Ecology</i> , 2017, 74, 990-1000.	2.8	30
18	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	27.8	1,942

#	ARTICLE	IF	CITATIONS
19	The Effects of Captivity on the Mammalian Gut Microbiome. <i>Integrative and Comparative Biology</i> , 2017, 57, 690-704.	2.0	301
20	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , 2017, 7, 15497.	3.3	112
21	Host Ecology Rather Than Host Phylogeny Drives Amphibian Skin Microbial Community Structure in the Biodiversity Hotspot of Madagascar. <i>Frontiers in Microbiology</i> , 2017, 8, 1530.	3.5	116
22	Composition of Micro-eukaryotes on the Skin of the Cascades Frog (<i>Rana cascadae</i>) and Patterns of Correlation between Skin Microbes and <i>Batrachochytrium dendrobatidis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2350.	3.5	17
23	Using "Omics" and Integrated Multi-Omics Approaches to Guide Probiotic Selection to Mitigate Chytridiomycosis and Other Emerging Infectious Diseases. <i>Frontiers in Microbiology</i> , 2016, 7, 68.	3.5	135
24	Vertebrate Hosts as Islands: Dynamics of Selection, Immigration, Loss, Persistence, and Potential Function of Bacteria on Salamander Skin. <i>Frontiers in Microbiology</i> , 2016, 7, 333.	3.5	65
25	Deconstructing the Bat Skin Microbiome: Influences of the Host and the Environment. <i>Frontiers in Microbiology</i> , 2016, 7, 1753.	3.5	81
26	Probiotic treatment restores protection against lethal fungal infection lost during amphibian captivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161553.	2.6	144
27	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. <i>MSystems</i> , 2016, 1, .	3.8	61
28	Parasite infection alters nitrogen cycling at the ecosystem scale. <i>Journal of Animal Ecology</i> , 2016, 85, 817-828.	2.8	25
29	Inhibitory bacteria reduce fungi on early life stages of endangered Colorado boreal toads (<i>Anaxyrus boreas</i>). <i>ISME Journal</i> , 2016, 10, 934-944.	9.8	111
30	Managing Amphibian Disease with Skin Microbiota. <i>Trends in Microbiology</i> , 2016, 24, 161-164.	7.7	79
31	Gut bacterial communities across tadpole ecomorphs in two diverse tropical anuran faunas. <i>Die Naturwissenschaften</i> , 2016, 103, 25.	1.6	85
32	Skin bacteria provide early protection for newly metamorphosed southern leopard frogs (<i>Rana</i>). <i>Conservation Biology</i> , 2015, 187, 91-102.	4.1	54
33	Antifungal isolates database of amphibian skin-associated bacteria and function against emerging fungal pathogens. <i>Ecology</i> , 2015, 96, 595-595.	3.2	192
34	Investigating Differences across Host Species and Scales to Explain the Distribution of the Amphibian Pathogen <i>Batrachochytrium dendrobatidis</i> . <i>PLoS ONE</i> , 2014, 9, e107441.	2.5	20
35	The amphibian skin-associated microbiome across species, space and life history stages. <i>Molecular Ecology</i> , 2014, 23, 1238-1250.	3.9	360
36	Microbial community dynamics and effect of environmental microbial reservoirs on red-backed salamanders (<i>Plethodon cinereus</i>). <i>ISME Journal</i> , 2014, 8, 830-840.	9.8	316

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37	Interacting Symbionts and Immunity in the Amphibian Skin Mucosome Predict Disease Risk and Probiotic Effectiveness. PLoS ONE, 2014, 9, e96375.	2.5	191
38	Urbanization and wetland communities: applying metacommunity theory to understand the local and landscape effects. Journal of Applied Ecology, 2013, 50, 34-42.	4.0	80
39	Investigating the dispersal routes used by an invasive amphibian, <i>Lithobates catesbeianus</i> , in human-dominated landscapes. Biological Invasions, 2013, 15, 2179-2191.	2.4	23
40	Co-habiting amphibian species harbor unique skin bacterial communities in wild populations. ISME Journal, 2012, 6, 588-596.	9.8	282
41	Pathogen pollution and the emergence of a deadly amphibian pathogen. Molecular Ecology, 2012, 21, 5151-5154.	3.9	17
42	Regional Decline of an Iconic Amphibian Associated with Elevation, Land-Use Change, and Invasive Species. Conservation Biology, 2011, 25, 556-566.	4.7	61
43	Bird Community Composition Linked to Human West Nile Virus Cases Along the Colorado Front Range. EcoHealth, 2010, 7, 439-447.	2.0	22
44	Linking environmental nutrient enrichment and disease emergence in humans and wildlife. Ecological Applications, 2010, 20, 16-29.	3.8	213
45	Effects of environmental change on helminth infections in amphibians: exploring the emergence of <i>Ribeiroia</i> and <i>Echinostoma</i> infections in North America.. , 2009, , 249-280.		31
46	Blood Parasites of Two Costa Rican Amphibians with Comments on Detection and <i>Microfilaria</i> Density Associated with Adult Filarial Worm Intensity. Journal of Parasitology, 2008, 94, 824-829.	0.7	9
47	Human land use and patterns of parasitism in tropical amphibian hosts. Biological Conservation, 2007, 137, 102-116.	4.1	75
48	Parasitic and Infectious Disease Responses to Changing Global Nutrient Cycles. EcoHealth, 2007, 4, 384-396.	2.0	106
49	Introduced species and their missing parasites. Nature, 2003, 421, 628-630.	27.8	1,189