Valerie J Mckenzie

List of Publications by Year
in descending order

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	A communal catalogue reveals Earthâ€™s multiscale microbial diversity. Nature, 2017, 551, 457-463.	27.8	1,942
2	Introduced species and their missing parasites. Nature, 2003, 421, 628-630.	27.8	1,189
3	The amphibian skinâ€associated microbiome across species, space and life history stages. Molecular Ecology, 2014, 23, 1238-1250.	3.9	360
4	Microbial community dynamics and effect of environmental microbial reservoirs on red-backed salamanders (Plethodon cinereus). ISME Journal, 2014, 8, 830-840.	9.8	316
5	The Effects of Captivity on the Mammalian Gut Microbiome. Integrative and Comparative Biology, 2017, 57, 690-704.	2.0	301
6	Co-habiting amphibian species harbor unique skin bacterial communities in wild populations. ISME Journal, 2012, 6, 588-596.	9.8	282
7	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. ISME Journal, 2019, 13, 576-587.	9.8	236
8	Linking environmental nutrient enrichment and disease emergence in humans and wildlife. Ecological Applications, 2010, 20, 16-29.	3.8	213
9	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. MBio, 2020, 11, .	4.1	204
10	Antifungal isolates database of amphibian skinâ€associated bacteria and function against emerging fungal pathogens. Ecology, 2015, 96, 595-595.	3.2	192
11	Interacting Symbionts and Immunity in the Amphibian Skin Mucosome Predict Disease Risk and Probiotic Effectiveness. PLoS ONE, 2014, 9, e96375.	2.5	191
12	The microbiome in threatened species conservation. Biological Conservation, 2019, 229, 85-98.	4.1	185
13	Probiotic treatment restores protection against lethal fungal infection lost during amphibian captivity. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161553.	2.6	144
14	Using â€œOmicsâ€• and Integrated Multi-Omics Approaches to Guide Probiotic Selection to Mitigate Chytridiomycosis and Other Emerging Infectious Diseases. Frontiers in Microbiology, 2016, 7, 68.	3.5	135
15	Host Ecology Rather Than Host Phylogeny Drives Amphibian Skin Microbial Community Structure in the Biodiversity Hotspot of Madagascar. Frontiers in Microbiology, 2017, 8, 1530.	3.5	116
16	Evaluating the impact of domestication and captivity on the horse gut microbiome. Scientific Reports, 2017, 7, 15497.	3.3	112
17	Inhibitory bacteria reduce fungi on early life stages of endangered Colorado boreal toads (Anaxyrus boreas). ISME Journal, 2016, 10, 934-944.	9.8	111
18	Parasitic and Infectious Disease Responses to Changing Global Nutrient Cycles. EcoHealth, 2007, 4, 384-396.	2.0	106

#	Article	IF	Citations
19	Gut bacterial communities across tadpole ecomorphs in two diverse tropical anuran faunas. Die Naturwissenschaften, 2016, 103, 25.	1.6	85
20	Greater Species Richness of Bacterial Skin Symbionts Better Suppresses the Amphibian Fungal Pathogen Batrachochytrium Dendrobatidis. Microbial Ecology, 2017, 74, 217-226.	2.8	82
21	Deconstructing the Bat Skin Microbiome: Influences of the Host and the Environment. Frontiers in Microbiology, 2016, 7, 1753.	3.5	81
22	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
23	Managing Amphibian Disease with Skin Microbiota. Trends in Microbiology, 2016, 24, 161-164.	7.7	79
24	Human land use and patterns of parasitism in tropical amphibian hosts. Biological Conservation, 2007, 137, 102-116.	4.1	75
25	Community richness of amphibian skin bacteria correlates with bioclimate at the global scale. Nature Ecology and Evolution, 2019, 3, 381-389.	7.8	68
26	Vertebrate Hosts as Islands: Dynamics of Selection, Immigration, Loss, Persistence, and Potential Function of Bacteria on Salamander Skin. Frontiers in Microbiology, 2016, 7, 333.	3.5	65
27	Regional Decline of an Iconic Amphibian Associated with Elevation, Land-Use Change, and Invasive Species. Conservation Biology, 2011, 25, 556-566.	4.7	61
28	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. MSystems, 2016, 1, .	3.8	61
29	Skin bacteria provide early protection for newly metamorphosed southern leopard frogs (Rana) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Conservation, 2015, 187, 91-102.	4.1	54
30	Probiotics as a tool for disease mitigation in wildlife: insights from food production and medicine. Annals of the New York Academy of Sciences, 2018, 1429, 18-30.	3.8	49
31	Hostâ€associated bacterial community succession during amphibian development. Molecular Ecology, 2018, 27, 1992-2006.	3.9	47
32	Effects of environmental change on helminth infections in amphibians: exploring the emergence of Ribeiroia and Echinostoma infections in North America.. , 2009, , 249-280.		31
33	Identification of Bufadienolides from the Boreal Toad, Anaxyrus boreas, Active Against a Fungal Pathogen. Microbial Ecology, 2017, 74, 990-1000.	2.8	30
34	Parasite infection alters nitrogen cycling at the ecosystem scale. Journal of Animal Ecology, 2016, 85, 817-828.	2.8	25
35	Effects of captivity and rewilding on amphibian skin microbiomes. Biological Conservation, 2022, 271, 109576.	4.1	25
36	Investigating the dispersal routes used by an invasive amphibian, Lithobates catesbeianus, in human-dominated landscapes. Biological Invasions, 2013, 15, 2179-2191.	2.4	23

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37	Bird Community Composition Linked to Human West Nile Virus Cases Along the Colorado Front Range. EcoHealth, 2010, 7, 439-447.	2.0	22
38	Assessment of Bacterial Communities Associated With the Skin of Costa Rican Amphibians at La Selva Biological Station. Frontiers in Microbiology, 2018, 9, 2001.	3.5	21
39	Is there convergence of gut microbes in blood-feeding vertebrates?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180249.	4.0	21
40	Investigating Differences across Host Species and Scales to Explain the Distribution of the Amphibian Pathogen Batrachochytrium dendrobatidis. PLoS ONE, 2014, 9, e107441.	2.5	20
41	Sharing and reporting benefits from biodiversity research. Molecular Ecology, 2021, 30, 1103-1107.	3.9	19
42	Pathogen pollution and the emergence of a deadly amphibian pathogen. Molecular Ecology, 2012, 21, 5151-5154.	3.9	17
43	Composition of Micro-eukaryotes on the Skin of the Cascades Frog (Rana cascadae) and Patterns of Correlation between Skin Microbes and Batrachochytrium dendrobatidis. Frontiers in Microbiology, 2017, 8, 2350.	3.5	17
44	Experimental habitat fragmentation disrupts nematode infections in Australian skinks. Ecology, 2019, 100, e02547.	3.2	12
45	Blood Parasites of Two Costa Rican Amphibians with Comments on Detection and Microfilaria Density Associated with Adult Filarial Worm Intensity. Journal of Parasitology, 2008, 94, 824-829.	0.7	9
46	Bacterial Biofilm Thickness and Fungal Inhibitory Bacterial Richness Both Prevent Establishment of the Amphibian Fungal Pathogen Batrachochytrium dendrobatidis. Applied and Environmental Microbiology, 2022, 88, AEM0160421.	3.1	7
47	Predicting fungal infection rate and severity with skinâ€associated microbial communities on amphibians. Molecular Ecology, 2022, 31, 2140-2156.	3.9	7
48	Identifying fungal-host associations in an amphibian host system. PLoS ONE, 2021, 16, e0256328.	2.5	5
49	Host microbiomes and disease. , 2020, , 122-153.		1