

Carly Muletz-Wolz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/22978/publications.pdf>

Version: 2024-02-01

32
papers

1,192
citations

567281

15
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent introduction of a chytrid fungus endangers Western Palearctic salamanders. <i>Science</i> , 2014, 346, 630-631.	12.6	421
2	Effects of host species and environment on the skin microbiome of Plethodontid salamanders. <i>Journal of Animal Ecology</i> , 2018, 87, 341-353.	2.8	120
3	Soil bioaugmentation with amphibian cutaneous bacteria protects amphibian hosts from infection by <i>Batrachochytrium dendrobatidis</i> . <i>Biological Conservation</i> , 2012, 152, 119-126.	4.1	94
4	A century of <i>Batrachochytrium dendrobatidis</i> in Illinois amphibians (1888–1989). <i>Biological Conservation</i> , 2015, 182, 254-261.	4.1	87
5	Inhibition of Fungal Pathogens across Genotypes and Temperatures by Amphibian Skin Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 1551.	3.5	57
6	Unexpected Rarity of the Pathogen <i>Batrachochytrium dendrobatidis</i> in Appalachian Plethodon Salamanders: 1957–2011. <i>PLoS ONE</i> , 2014, 9, e103728.	2.5	43
7	Fungal disease and temperature alter skin microbiome structure in an experimental salamander system. <i>Molecular Ecology</i> , 2019, 28, 2917-2931.	3.9	41
8	Antifungal Bacteria on Woodland Salamander Skin Exhibit High Taxonomic Diversity and Geographic Variability. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	36
9	<i>Batrachochytrium salamandrivorans</i> not detected in U.S. survey of pet salamanders. <i>Scientific Reports</i> , 2017, 7, 13132.	3.3	31
10	Interactions between reproductive biology and microbiomes in wild animal species. <i>Animal Microbiome</i> , 2021, 3, 87.	3.8	31
11	Temperature-mediated shifts in salamander transcriptomic responses to the amphibian-killing fungus. <i>Molecular Ecology</i> , 2020, 29, 325-343.	3.9	24
12	Gut Microbiomes Differ Among Dietary Types and Stool Consistency in the Captive Red Wolf (<i>Canis</i>) <i>Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5</i>	3.5	23
13	Diverse genotypes of the amphibian-killing fungus produce distinct phenotypes through plastic responses to temperature. <i>Journal of Evolutionary Biology</i> , 2019, 32, 287-298.	1.7	22
14	Clinical health issues, reproductive hormones, and metabolic hormones associated with gut microbiome structure in African and Asian elephants. <i>Animal Microbiome</i> , 2021, 3, 85.	3.8	19
15	Inhibitory Bacterial Diversity and Mucosome Function Differentiate Susceptibility of Appalachian Salamanders to Chytrid Fungal Infection. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0181821.	3.1	19
16	Diversity and temporal dynamics of primate milk microbiomes. <i>American Journal of Primatology</i> , 2019, 81, e22994.	1.7	17
17	Functional variation at an expressed MHC class II ^β locus associates with Ranavirus infection intensity in larval anuran populations. <i>Immunogenetics</i> , 2019, 71, 335-346.	2.4	16
18	Dead or alive? Viability of chytrid zoospores shed from live amphibian hosts. <i>Diseases of Aquatic Organisms</i> , 2016, 119, 179-187.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Soil fungal communities differ between shaded and sun-intensive coffee plantations in El Salvador. PLoS ONE, 2020, 15, e0231875.	2.5	13
20	Genetically modifying skin microbe to produce violacein and augmenting microbiome did not defend Panamanian golden frogs from disease. ISME Communications, 2021, 1, .	4.2	13
21	Parthenogenesis in a captive Asian water dragon (<i>Physignathus cocincinus</i>) identified with novel microsatellites. PLoS ONE, 2019, 14, e0217489.	2.5	11
22	Plethodontid salamanders show variable disease dynamics in response to <i>Batrachochytrium</i> salamandrivorans chytridiomycosis. Biological Invasions, 2021, 23, 2797-2815.	2.4	10
23	Early life skin microbial trajectory as a function of vertical and environmental transmission in Bornean foam-nesting frogs. Animal Microbiome, 2021, 3, 83.	3.8	10
24	Current State of and Future Opportunities for Prediction in Microbiome Research: Report from the Mid-Atlantic Microbiome Meet-up in Baltimore on 9 January 2019. MSystems, 2019, 4, .	3.8	6
25	The Interconnected Health Initiative: A Smithsonian Framework to Extend One Health Research and Education. Frontiers in Veterinary Science, 2021, 8, 629410.	2.2	5
26	Identification of novel bacterial biomarkers to detect bird scavenging by invasive rats. Ecology and Evolution, 2021, 11, 1814-1828.	1.9	4
27	Milk microbiomes of three great ape species vary among host species and over time. Scientific Reports, 2022, 12, .	3.3	3
28	Site- and individual-level contamination affects infection prevalence of an emerging infectious disease of amphibians. Environmental Toxicology and Chemistry, 2022, , .	4.3	1
29	Soil fungal communities differ between shaded and sun-intensive coffee plantations in El Salvador. , 2020, 15, e0231875.		0
30	Soil fungal communities differ between shaded and sun-intensive coffee plantations in El Salvador. , 2020, 15, e0231875.		0
31	Soil fungal communities differ between shaded and sun-intensive coffee plantations in El Salvador. , 2020, 15, e0231875.		0
32	Soil fungal communities differ between shaded and sun-intensive coffee plantations in El Salvador. , 2020, 15, e0231875.		0