

Rachael E Antwis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6630292/publications.pdf>

Version: 2024-02-01

35
papers

1,294
citations

471509

17
h-index

580821

25
g-index

41
all docs

41
docs citations

41
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifungal isolates database of amphibian skin-associated bacteria and function against emerging fungal pathogens. <i>Ecology</i> , 2015, 96, 595-595.	3.2	192
2	Fifty important research questions in microbial ecology. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	138
3	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
4	Ex situ Diet Influences the Bacterial Community Associated with the Skin of Red-Eyed Tree Frogs (<i>Agalychnis callidryas</i>). <i>PLoS ONE</i> , 2014, 9, e85563.	2.5	109
5	Rare gut microbiota associated with breeding success, hormone metabolites and ovarian cycle phase in the critically endangered eastern black rhino. <i>Microbiome</i> , 2019, 7, 27.	11.1	75
6	Gut microbiome composition is associated with spatial structuring and social interactions in semi-feral Welsh Mountain ponies. <i>Microbiome</i> , 2018, 6, 207.	11.1	72
7	Amphibian Symbiotic Bacteria Do Not Show a Universal Ability To Inhibit Growth of the Global Panzootic Lineage of <i>Batrachochytrium dendrobatidis</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 3706-3711.	3.1	60
8	Host genetics and geography influence microbiome composition in the sponge <i>Ircinia campana</i> . <i>Journal of Animal Ecology</i> , 2019, 88, 1684-1695.	2.8	57
9	Probiotic consortia are not uniformly effective against different amphibian chytrid pathogen isolates. <i>Molecular Ecology</i> , 2018, 27, 577-589.	3.9	52
10	Genetic variability and ontogeny predict microbiome structure in a disease-challenged montane amphibian. <i>ISME Journal</i> , 2018, 12, 2506-2517.	9.8	49
11	Ultraviolet radiation and Vitamin D3 in amphibian health, behaviour, diet and conservation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, 184-190.	1.8	39
12	Nitrogen addition alters composition, diversity, and functioning of microbial communities in mangrove soils: An incubation experiment. <i>Soil Biology and Biochemistry</i> , 2021, 153, 108076.	8.8	38
13	Complex associations between cross-kingdom microbial endophytes and host genotype in ash dieback disease dynamics. <i>Journal of Ecology</i> , 2020, 108, 291-309.	4.0	37
14	Mixed-Cropping Between Field Pea Varieties Alters Root Bacterial and Fungal Communities. <i>Scientific Reports</i> , 2019, 9, 16953.	3.3	31
15	Exposure to airborne bacteria depends upon vertical stratification and vegetation complexity. <i>Scientific Reports</i> , 2021, 11, 9516.	3.3	31
16	Impact of Plant Cover on Fitness and Behavioural Traits of Captive Red-Eyed Tree Frogs (<i>Agalychnis</i>)	2.5	23
17	Training future generations to deliver evidence-based conservation and ecosystem management. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12032.	2.0	23
18	Impacts of UVB provision and dietary calcium content on serum vitamin D ₃ , growth rates, skeletal structure and coloration in captive oriental firebellied toads (<i>Bombina</i>)	2.5	23

#	ARTICLE	IF	CITATIONS
19	Primer biases in the molecular assessment of diet in multiple insectivorous mammals. <i>Mammalian Biology</i> , 2021, 101, 293-304.	1.5	18
20	Tagging Frogs with Passive Integrated Transponders Causes Disruption of the Cutaneous Bacterial Community and Proliferation of Opportunistic Fungi. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4779-4784.	3.1	17
21	Designing Probiotic Therapies With Broad-Spectrum Activity Against a Wildlife Pathogen. <i>Frontiers in Microbiology</i> , 2019, 10, 3134.	3.5	17
22	Multi-individual microsatellite identification: A multiple genome approach to microsatellite design (MiMi). <i>Molecular Ecology Resources</i> , 2019, 19, 1672-1680.	4.8	13
23	Impacts of radiation exposure on the bacterial and fungal microbiome of small mammals in the Chernobyl Exclusion Zone. <i>Journal of Animal Ecology</i> , 2021, 90, 2172-2187.	2.8	12
24	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210552.	2.6	12
25	Effects of visible implanted elastomer marking on physiological traits of frogs. , 2014, 2, cou042-cou042.		5
26	Factors that shape the host microbiome. , 2020, , 55-77.		5
27	Analytical approaches for microbiome research. , 2020, , 8-28.		3
28	Adapting to environmental change. , 2020, , 154-181.		2
29	Microbial biotechnology. , 2020, , 182-221.		2
30	Evidence for the genetic similarity rule at an expanding mangrove range limit. <i>American Journal of Botany</i> , 2021, 108, 1331-1342.	1.7	2
31	The microbiome and host behaviour. , 2020, , 98-121.		1
32	Host microbiomes and disease. , 2020, , 122-153.		1
33	Synthesis and future directions. , 2020, , 222-226.		0
34	A boom-to-bust approach: The "Glass Cannon" hypothesis in host microbiomes. <i>Journal of Animal Ecology</i> , 2021, 90, 1024-1026.	2.8	0
35	Some observations on meaningful and objective inference in radioecological field studies. <i>Journal of Animal Ecology</i> , 0, , .	2.8	0