

The Tasmanian devil microbiomeâ€™ implications for co

Microbiome

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Microbiome of Animals: Implications for Conservation Biology. International Journal of Genomics, 2016, 2016, 1-7.	0.8	204
2	Cathelicidins in the Tasmanian devil (<i>Sarcophilus harrisii</i>). Scientific Reports, 2016, 6, 35019.	1.6	27
3	Understanding the dynamics of physiological impacts of environmental stressors on Australian marsupials, focus on the koala (<i>Phascolarctos cinereus</i>). BMC Zoology, 2016, 1, .	0.3	21
4	The cutaneous ecosystem: the roles of the skin microbiome in health and its association with inflammatory skin conditions in humans and animals. Veterinary Dermatology, 2017, 28, 60.	0.4	54
6	The amphibian microbiome: natural range of variation, pathogenic dysbiosis, and role in conservation. Biodiversity and Conservation, 2017, 26, 763-786.	1.2	145
7	The excreted microbiota of bats: evidence of niche specialisation based on multiple body habitats. FEMS Microbiology Letters, 2017, 364, fnw284.	0.7	56
8	Microbiota composition of the koala (<i>Phascolarctos cinereus</i>) ocular and urogenital sites, and their association with Chlamydia infection and disease. Scientific Reports, 2017, 7, 5239.	1.6	14
9	Gut microbiomes of free-ranging and captive Namibian cheetahs: Diversity, putative functions and occurrence of potential pathogens. Molecular Ecology, 2017, 26, 5515-5527.	2.0	84
10	Temporal variation of the microbiome is dependent on body region in a wild mammal (<i>Tamiasciurus</i>)	1.3	13
11	Antimicrobial Protection of Marsupial Pouch Young. Frontiers in Microbiology, 2017, 8, 354.	1.5	15
12	Captivity Shapes the Gut Microbiota of Andean Bears: Insights into Health Surveillance. Frontiers in Microbiology, 2017, 8, 1316.	1.5	110
13	Oncogenesis as a Selective Force: Adaptive Evolution in the Face of a Transmissible Cancer. BioEssays, 2018, 40, 1700146.	1.2	18
14	Toward an integrative molecular approach to wildlife disease. Conservation Biology, 2018, 32, 798-807.	2.4	36
15	Wildlife-microbiome interactions and disease: exploring opportunities for disease mitigation across ecological scales. Drug Discovery Today: Disease Models, 2018, 28, 105-115.	1.2	25
16	Fecal bacterial microbiota of Canadian commercial mink (<i>Neovison vison</i>): Yearly, life stage, and seasonal comparisons. PLoS ONE, 2018, 13, e0207111.	1.1	12
17	Skin and gut microbiomes of a wild mammal respond to different environmental cues. Microbiome, 2018, 6, 209.	4.9	47
18	The dorsal skin structure contributes to the surface bacteria populations of Sunda Porcupine (<i>Hystrix javanica</i>). Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2018, 47, 591-598.	0.3	6
19	Cloacal and Ocular Microbiota of the Endangered Australian Northern Quoll. Microorganisms, 2018, 6, 68.	1.6	5

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20	Comprehensive skin microbiome analysis reveals the uniqueness of human skin and evidence for phylosymbiosis within the class Mammalia. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5786-E5795.	3.3	184
21	The feline cutaneous and oral microbiota are influenced by breed and environment. PLoS ONE, 2019, 14, e0220463.	1.1	33
22	Not all rotten fish stink: Microbial changes in decaying carcasses increase cytotoxicity and potential risks to animal scavengers. Estuarine, Coastal and Shelf Science, 2019, 227, 106350.	0.9	13
23	Reproductive Microbiomes in Wild Animal Species: A New Dimension in Conservation Biology. Advances in Experimental Medicine and Biology, 2019, 1200, 225-240.	0.8	18
24	Effects of the captive and wild environment on diversity of the gut microbiome of deer mice (<i>Peromyscus maniculatus</i>). ISME Journal, 2019, 13, 1293-1305.	4.4	84
25	The skin microbiome of vertebrates. Microbiome, 2019, 7, 79.	4.9	140
26	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. Ecology and Evolution, 2019, 9, 6508-6523.	0.8	61
27	Fecal Viral Diversity of Captive and Wild Tasmanian Devils Characterized Using Virion-Enriched Metagenomics and Metatranscriptomics. Journal of Virology, 2019, 93, .	1.5	56
28	Conserve the germs: the gut microbiota and adaptive potential. Conservation Genetics, 2019, 20, 19-27.	0.8	55
29	Engineering the microbiome for animal health and conservation. Experimental Biology and Medicine, 2019, 244, 494-504.	1.1	65
30	Looking like the locals - gut microbiome changes post-release in an endangered species. Animal Microbiome, 2019, 1, 8.	1.5	40
31	Conservation metagenomics: a new branch of conservation biology. Science China Life Sciences, 2019, 62, 168-178.	2.3	61
32	The microbiome in threatened species conservation. Biological Conservation, 2019, 229, 85-98.	1.9	185
33	Ear mite infection is associated with altered microbial communities in genetically depauperate Santa Catalina Island foxes (<i>Urocyon littoralis catalinae</i>). Molecular Ecology, 2020, 29, 1463-1475.	2.0	17
34	Conserving the holobiont. Functional Ecology, 2020, 34, 764-776.	1.7	61
35	Microbial associations and spatial proximity predict North American moose (<i>Alces alces</i>) gastrointestinal community composition. Journal of Animal Ecology, 2020, 89, 817-828.	1.3	16
36	No correlation between microbiota composition and blood parameters in nesting flatback turtles (<i>Natator depressus</i>). Scientific Reports, 2020, 10, 8333.	1.6	7
37	Wild black bears harbor simple gut microbial communities with little difference between the jejunum and colon. Scientific Reports, 2020, 10, 20779.	1.6	11

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38	Bacterial communities in the natural and supplemental nests of an endangered ecosystem engineer. <i>Ecosphere</i> , 2020, 11, e03239.	1.0	6
39	Raw milk and fecal microbiota of commercial Alpine dairy cows varies with herd, fat content and diet. <i>PLoS ONE</i> , 2020, 15, e0237262.	1.1	13
40	Oral Microbiome Metabarcoding in Two Invasive Small Mammals from New Zealand. <i>Diversity</i> , 2020, 12, 278.	0.7	2
41	The Gut Microbiota Communities of Wild Arboreal and Ground-Feeding Tropical Primates Are Affected Differently by Habitat Disturbance. <i>MSystems</i> , 2020, 5, .	1.7	36
42	Marsupial Gut Microbiome. <i>Frontiers in Microbiology</i> , 2020, 11, 1058.	1.5	12
43	Assessing similarities and disparities in the skin microbiota between wild and laboratory populations of house mice. <i>ISME Journal</i> , 2020, 14, 2367-2380.	4.4	25
44	Consequences of Domestication on Gut Microbiome: A Comparative Study Between Wild Gaur and Domestic Mithun. <i>Frontiers in Microbiology</i> , 2020, 11, 133.	1.5	19
45	Opossum Cathelicidins Exhibit Antimicrobial Activity Against a Broad Spectrum of Pathogens Including West Nile Virus. <i>Frontiers in Immunology</i> , 2020, 11, 347.	2.2	10
46	Egyptian Mongoose (<i>Herpestes ichneumon</i>) Gut Microbiota: Taxonomical and Functional Differences across Sex and Age Classes. <i>Microorganisms</i> , 2020, 8, 392.	1.6	8
47	Effects of diet, habitat, and phylogeny on the fecal microbiome of wild African savanna (<i>Loxodonta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td	0.8	28
48	<i>Salmonella</i> in captive and wild Tasmanian devils (<i>Sarcophilus harrisii</i>) in Tasmania. <i>Australian Veterinary Journal</i> , 2020, 98, 239-242.	0.5	1
49	Gut Microbiota Plasticity Influences the Adaptability of Wild and Domestic Animals in Co-inhabited Areas. <i>Frontiers in Microbiology</i> , 2020, 11, 125.	1.5	23
50	Body site-specific microbiota reflect sex and age-class among wild spotted hyenas. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	19
51	Host reproductive cycle influences the pouch microbiota of wild southern hairy-nosed wombats (<i>Lasiorhinus latifrons</i>). <i>Animal Microbiome</i> , 2021, 3, 13.	1.5	11
52	Unraveling the Gut Microbiome of the Invasive Small Indian Mongoose (<i>Urva auropunctata</i>) in the Caribbean. <i>Microorganisms</i> , 2021, 9, 465.	1.6	7
53	Diversity and functional landscapes in the microbiota of animals in the wild. <i>Science</i> , 2021, 372, .	6.0	96
54	Gut microbial ecology of the Critically Endangered Fijian crested iguana (<i>Brachylophus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 Td Ecology and Evolution, 2021, 11, 4731-4743.	0.8	12
55	Response to Holmes â€œ practical considerations for vector microbiome studies. <i>Molecular Ecology</i> , 2021, 30, 2214-2219.	2.0	1

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56	Koala cathelicidin PhciCath5 has antimicrobial activity, including against <i>Chlamydia pecorum</i> . PLoS ONE, 2021, 16, e0249658.	1.1	6
57	Parasites, Drugs and Captivity: Blastocystis-Microbiome Associations in Captive Water Voles. Biology, 2021, 10, 457.	1.3	5
58	Social environment and genetics underlie body site-specific microbiomes of Yellowstone National Park gray wolves (<i>Canis lupus</i>). Ecology and Evolution, 2021, 11, 9472-9488.	0.8	10
59	Editorial: The Wildlife Gut Microbiome and Its Implication for Conservation Biology. Frontiers in Microbiology, 2021, 12, 697499.	1.5	20
60	A New Non-invasive Method for Collecting DNA From Small Mammals in the Field, and Its Application in Simultaneous Vector and Disease Monitoring in Brushtail Possums. Frontiers in Environmental Science, 2021, 9, .	1.5	4
61	<i>Porphyromonas</i> spp., <i>Fusobacterium</i> spp., and <i>Bacteroides</i> spp. dominate microbiota in the course of macropod progressive periodontal disease. Scientific Reports, 2021, 11, 17775.	1.6	10
62	Marsupial Immunology. , 2018, , .		1
63	Skin microbiome correlates with bioclimate and <i>Batrachochytrium dendrobatidis</i> infection intensity in Brazil's Atlantic Forest treefrogs. Scientific Reports, 2020, 10, 22311.	1.6	19
64	A Tasmanian devil breeding program to support wild recovery. Reproduction, Fertility and Development, 2019, 31, 1296.	0.1	15
65	Marsupial and monotreme cathelicidins display antimicrobial activity, including against methicillin-resistant <i>Staphylococcus aureus</i> . Microbiology (United Kingdom), 2017, 163, 1457-1465.	0.7	16
68	Characterization of the nasal and oral microbiota of detection dogs. PLoS ONE, 2017, 12, e0184899.	1.1	47
69	Comparison of gizzard and intestinal microbiota of wild neotropical birds. PLoS ONE, 2018, 13, e0194857.	1.1	30
70	DIVERSITY OF STAPHYLOCOCCAL SPECIES CULTURED FROM CAPTIVE LIVINGSTONE'S FRUIT BATS (<i>PTEROPUS</i>) Tj ETQq0 0 0 rgBT /Over	0.3	11
71	Environment and host species shape the skin microbiome of captive neotropical bats. PeerJ, 2016, 4, e2430.	0.9	48
72	Skin and fur bacterial diversity and community structure on American southwestern bats: effects of habitat, geography and bat traits. PeerJ, 2017, 5, e3944.	0.9	25
73	Is there a link between aging and microbiome diversity in exceptional mammalian longevity?. PeerJ, 2018, 6, e4174.	0.9	28
74	Comparison of the fecal microbiota of two free-ranging Chinese subspecies of the leopard (<i>Panthera pardus</i>) using high-throughput sequencing. PeerJ, 2019, 7, e6684.	0.9	18
75	Experimental test of microbiome protection across pathogen doses reveals importance of resident microbiome composition. FEMS Microbiology Ecology, 2021, 97, .	1.3	7

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76	Developing Inside a Layer of Germs—A Potential Role for Multiciliated Surface Cells in Vertebrate Embryos. <i>Diversity</i> , 2021, 13, 527.	0.7	5
79	Unraveling differences in fecal microbiota stability in mammals: from high variable carnivores and consistently stable herbivores. <i>Animal Microbiome</i> , 2021, 3, 77.	1.5	19
81	Diversity and compositional changes in the gut microbiota of wild and captive vertebrates: a meta-analysis. <i>Scientific Reports</i> , 2021, 11, 22660.	1.6	27
82	Effect of Geography and Captivity on Scat Bacterial Communities in the Imperiled Channel Island Fox. <i>Frontiers in Microbiology</i> , 2021, 12, 748323.	1.5	3
83	Characterization of the juvenile koala gut microbiome across wild populations. <i>Environmental Microbiology</i> , 2022, 24, 4209-4219.	1.8	9
84	A Peek into the Bacterial Microbiome of the Eurasian Red Squirrel (<i>Sciurus vulgaris</i>). <i>Animals</i> , 2022, 12, 666.	1.0	1
85	Differences in constitutive innate immunity between divergent Australian marsupials. <i>Developmental and Comparative Immunology</i> , 2022, 132, 104399.	1.0	4
86	A reference genome for the critically endangered woylie, <i>Bettongia penicillata ogilbyi</i> . <i>GigaByte</i> , 0, 2021, 1-15.	0.0	8
88	Human-provisioned foods reduce gut microbiome diversity in American black bears (<i>Ursus</i>). <i>Ursus</i> , 2022, 10, 422.	0.6	8
89	Possibilities and limits for using the gut microbiome to improve captive animal health. <i>Animal Microbiome</i> , 2021, 3, 89.	1.5	23
95	Gut microbiota of ring-tailed lemurs (<i>Lemur catta</i>) vary across natural and captive populations and correlate with environmental microbiota. <i>Animal Microbiome</i> , 2022, 4, 29.	1.5	24
96	<i>Vibrio splendidus</i> infection induces dysbiosis in the blue mussel and favors pathobiontic bacteria. <i>Microbiological Research</i> , 2022, 261, 127078.	2.5	2
97	Effects of captivity and rewilding on amphibian skin microbiomes. <i>Biological Conservation</i> , 2022, 271, 109576.	1.9	25
98	Waterborne Cr ³⁺ and Cr ⁶⁺ exposure disturbed the intestinal microbiota homeostasis in juvenile leopard coral grouper <i>Plectropomus leopardus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113653.	2.9	4
99	Antibiotic perturbation of gut bacteria does not significantly alter host responses to ocular disease in a songbird species. <i>PeerJ</i> , 0, 10, e13559.	0.9	0
100	Diet, Microbes, and Cancer Across the Tree of Life: a Systematic Review. <i>Current Nutrition Reports</i> , 2022, 11, 508-525.	2.1	8
102	The phenotypic costs of captivity. <i>Biological Reviews</i> , 2023, 98, 434-449.	4.7	15
103	Hatchery tanks induce intense reduction in microbiota diversity associated with gills and guts of two endemic species of the San Francisco River. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0

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104	Best practice for wildlife gut microbiome research: A comprehensive review of methodology for 16S rRNA gene investigations. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	5
105	Pouch bacteria: an understudied and potentially important facet of marsupial reproduction. <i>Microbiology Australia</i> , 2023, 44, 41-44.	0.1	1