

Gut microbial communities of social bees

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Beyond 16S rRNA Community Profiling: Intra-Species Diversity in the Gut Microbiota. <i>Frontiers in Microbiology</i> , 2016, 7, 1475.	1.5	117
2	Probiotic Treatment with a Gut Symbiont Leads to Parasite Susceptibility in Honey Bees. <i>Trends in Parasitology</i> , 2016, 32, 914-916.	1.5	14
3	Beneficial microorganisms for honey bees: problems and progresses. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9469-9482.	1.7	77
4	Strain diversity and host specificity in a specialized gut symbiont of honeybees and bumblebees. <i>Molecular Ecology</i> , 2016, 25, 4461-4471.	2.0	73
5	Symbiosis Studies in Microbial Ecology. <i>Microbes and Environments</i> , 2016, 31, 201-203.	0.7	3
6	Metabolism of Fructophilic Lactic Acid Bacteria Isolated from the <i>Apis mellifera</i> L. Bee Gut: Phenolic Acids as External Electron Acceptors. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6899-6911.	1.4	70
7	Metabolism of Toxic Sugars by Strains of the Bee Gut Symbiont <i>Gilliamella apicola</i> . <i>MBio</i> , 2016, 7, .	1.8	216
8	Genome-wide screen identifies host colonization determinants in a bacterial gut symbiont. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13887-13892.	3.3	112
9	Identifying bacterial predictors of honey bee health. <i>Journal of Invertebrate Pathology</i> , 2016, 141, 41-44.	1.5	29
10	Symbiotic bacterial communities in ants are modified by invasion pathway bottlenecks and alter host behavior. <i>Ecology</i> , 2017, 98, 861-874.	1.5	16
11	Immune system stimulation by the gut symbiont <i>Frischella perrara</i> in the honey bee (<i>Apis mellifera</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4775-4780.	2.0	141
12	Bacteria encountered in raw insect, spider, scorpion, and centipede taxa including edible species, and their significance from the food hygiene point of view. <i>Trends in Food Science and Technology</i> , 2017, 63, 80-90.	7.8	43
13	Genomic changes associated with the evolutionary transition of an insect gut symbiont into a blood-borne pathogen. <i>ISME Journal</i> , 2017, 11, 1232-1244.	4.4	84
14	Changes in the gut microbiome of the Chinese mitten crab (<i>Eriocheir sinensis</i>) in response to White spot syndrome virus (WSSV) infection. <i>Journal of Fish Diseases</i> , 2017, 40, 1561-1571.	0.9	69
15	Honeybee gut microbiota promotes host weight gain via bacterial metabolism and hormonal signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4775-4780.	3.3	419
16	Immune system stimulation by the native gut microbiota of honey bees. <i>Royal Society Open Science</i> , 2017, 4, 170003.	1.1	276
17	Investigation of gut microbial communities associated with indigenous honey bee (<i>Apis mellifera</i>). <i>Frontiers in Microbiology</i> , 2017, 8, 1061-1068.	1.8	36
18	Dynamic microbiome evolution in social bees. <i>Science Advances</i> , 2017, 3, e1600513.	4.7	349

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19	Hunting for healthy microbiomes: determining the core microbiomes of Ceratina, Megalopta, and Apis bees and how they associate with microbes in bee collected pollen. <i>Conservation Genetics</i> , 2017, 18, 701-711.	0.8	68
20	Identifying the plant-associated microbiome across aquatic and terrestrial environments: the effects of amplification method on taxa discovery. <i>Molecular Ecology Resources</i> , 2017, 17, 931-942.	2.2	25
21	Genomics, transcriptomics and proteomics: enabling insights into social evolution and disease challenges for managed and wild bees. <i>Molecular Ecology</i> , 2017, 26, 718-739.	2.0	39
22	<i>Riptortus pedestris</i> and <i>Burkholderia</i> symbiont: an ideal model system for insect-microbe symbiotic associations. <i>Research in Microbiology</i> , 2017, 168, 175-187.	1.0	86
23	Geographically widespread honeybee gut symbiont subgroups show locally distinct antibiotic-resistant patterns. <i>Molecular Ecology</i> , 2017, 26, 6590-6607.	2.0	26
24	Empirical, Metagenomic, and Computational Techniques Illuminate the Mechanisms by which Fungicides Compromise Bee Health. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	12
25	Effects of parasites and pathogens on bee cognition. <i>Ecological Entomology</i> , 2017, 42, 51-64.	1.1	27
26	Honey bee gut dysbiosis: a novel context of disease ecology. <i>Current Opinion in Insect Science</i> , 2017, 22, 125-132.	2.2	87
27	Host-specific associations affect the microbiome of <i>Philornis downsi</i> , an introduced parasite to the Galápagos Islands. <i>Molecular Ecology</i> , 2017, 26, 4644-4656.	2.0	32
28	Lifestyles in transition: evolution and natural history of the genus <i>Lactobacillus</i> . <i>FEMS Microbiology Reviews</i> , 2017, 41, S27-S48.	3.9	400
29	Changes in the Bacteriome of Honey Bees Associated with the Parasite <i>Varroa destructor</i> , and Pathogens <i>Nosema</i> and <i>Lotmaria passim</i> . <i>Microbial Ecology</i> , 2017, 73, 685-698.	1.4	55
30	Gram-Positive Bacteria with Probiotic Potential for the <i>Apis mellifera</i> L. Honey Bee: The Experience in the Northwest of Argentina. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 22-31.	1.9	47
31	Diversification of Type VI Secretion System Toxins Reveals Ancient Antagonism among Bee Gut Microbes. <i>MBio</i> , 2017, 8, .	1.8	94
32	Propolis Counteracts Some Threats to Honey Bee Health. <i>Insects</i> , 2017, 8, 46.	1.0	108
33	Queen Quality and the Impact of Honey Bee Diseases on Queen Health: Potential for Interactions between Two Major Threats to Colony Health. <i>Insects</i> , 2017, 8, 48.	1.0	99
34	Diversity and Transmission of Gut Bacteria in <i>Atta</i> and <i>Acromyrmex</i> Leaf-Cutting Ants during Development. <i>Frontiers in Microbiology</i> , 2017, 8, 1942.	1.5	72
35	Context-dependent medicinal effects of anabasine and infection-dependent toxicity in bumble bees. <i>PLoS ONE</i> , 2017, 12, e0183729.	1.1	11
36	Defense contracts: molecular protection in insect-microbe symbioses. <i>Chemical Society Reviews</i> , 2018, 47, 1638-1651.	18.7	122

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37	Microbiota-Mediated Modulation of Organophosphate Insecticide Toxicity by Species-Dependent Interactions with Lactobacilli in a <i>Drosophila melanogaster</i> Insect Model. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	55
38	Role of the Gut Microbiota in Health and Disease. , 2018, , 35-62.		4
39	Probiotics and Prebiotics in Animal Health and Food Safety. , 2018, , .		13
40	Yeast and Bacterial Composition in Pot-Pollen Recovered from Meliponini in Colombia: Prospects for a Promising Biological Resource. , 2018, , 263-279.		4
41	Survival and health improvement of <i>Nosema</i> infected <i>Apis florea</i> (Hymenoptera: Apidae) bees after treatment with propolis extract. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 437-444.	0.4	33
42	Hawaiian <i>Drosophila</i> as an Evolutionary Model Clade: Days of Future Past. <i>BioEssays</i> , 2018, 40, e1700246.	1.2	17
43	Genome Sequences of <i>Apibacter</i> spp., Gut Symbionts of Asian Honey Bees. <i>Genome Biology and Evolution</i> , 2018, 10, 1174-1179.	1.1	27
44	Host-symbiont-pathogen interactions in blood-feeding parasites: nutrition, immune cross-talk and gene exchange. <i>Parasitology</i> , 2018, 145, 1294-1303.	0.7	32
45	Nancy A. Moran -Recipient of the 2017 Molecular Ecology Prize. <i>Molecular Ecology</i> , 2018, 27, 35-37.	2.0	0
46	Impact of beneficial bacteria supplementation on the gut microbiota, colony development and productivity of <i>Apis mellifera</i> L.. <i>Beneficial Microbes</i> , 2018, 9, 269-278.	1.0	56
47	Longitudinal Effects of Supplemental Forage on the Honey Bee (<i>Apis mellifera</i>) Microbiota and Inter- and Intra-Colony Variability. <i>Microbial Ecology</i> , 2018, 76, 814-824.	1.4	36
48	Honey yield of different commercial apiaries treated with <i>Lactobacillus salivarius</i> A3iob, a new bee-probiotic strain. <i>Beneficial Microbes</i> , 2018, 9, 291-298.	1.0	21
49	Yeast-insect associations: It takes guts. <i>Yeast</i> , 2018, 35, 315-330.	0.8	174
50	Microbiome Structure Influences Infection by the Parasite <i>Crithidia bombi</i> in Bumble Bees. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	86
51	A Focus on Microbiome Completeness and Optimized Colonization Resistance in Neonatology. <i>NeoReviews</i> , 2018, 19, e78-e88.	0.4	6
52	Social status shapes the bacterial and fungal gut communities of the honey bee. <i>Scientific Reports</i> , 2018, 8, 2019.	1.6	64
53	The role of the gut microbiome in health and disease of adult honey bee workers. <i>Current Opinion in Insect Science</i> , 2018, 26, 97-104.	2.2	326
54	<i>Lactobacillus kunkeei</i> strains decreased the infection by honey bee pathogens <i>Paenibacillus</i> larvae and <i>Nosema ceranae</i> . <i>Beneficial Microbes</i> , 2018, 9, 279-290.	1.0	83

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56	Functional roles and metabolic niches in the honey bee gut microbiota. <i>Current Opinion in Microbiology</i> , 2018, 43, 69-76.	2.3	133
57	Environmental factors have a strong impact on the composition and diversity of the gut bacterial community of Chinese black honeybees. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 261-267.	0.4	24
58	The hologenome concept of evolution after 10Âyears. <i>Microbiome</i> , 2018, 6, 78.	4.9	326
59	Draft Genome Sequences of Four Parasaccharibacter apium Strains Isolated from Honey Bees. <i>Genome Announcements</i> , 2018, 6, .	0.8	9
60	Genetic Engineering of Bee Gut Microbiome Bacteria with a Toolkit for Modular Assembly of Broad-Host-Range Plasmids. <i>ACS Synthetic Biology</i> , 2018, 7, 1279-1290.	1.9	87
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62	The Curious Case of <i>Achromobacter eurydice</i> , a Gram-Variable Pleomorphic Bacterium Associated with European Foulbrood Disease in Honeybees. <i>Microbial Ecology</i> , 2018, 75, 1-6.	1.4	26
63	Nutritional Physiology and Ecology of Honey Bees. <i>Annual Review of Entomology</i> , 2018, 63, 327-344.	5.7	185
64	Gut Microbiota and Host Juvenile Growth. <i>Calcified Tissue International</i> , 2018, 102, 387-405.	1.5	40
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67	Antibiotics reduce genetic diversity of core species in the honeybee gut microbiome. <i>Molecular Ecology</i> , 2018, 27, 2057-2066.	2.0	95
68	The impact of winter feed type on intestinal microbiota and parasites in honey bees. <i>Apidologie</i> , 2018, 49, 252-264.	0.9	25
69	Effect of gut bacterial isolates from <i>Apis mellifera jemenitica</i> on <i>Paenibacillus</i> larvae infected bee larvae. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 383-387.	1.8	42
70	<i>Lactobacillus panisapium</i> sp. nov., from honeybee <i>Apis cerana</i> bee bread. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 703-708.	0.8	20
71	New Reference Genome Sequences for 17 Bacterial Strains of the Honey Bee Gut Microbiota. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	14
72	A Review of Native Wild Bee Nutritional Health. <i>International Journal of Ecology</i> , 2018, 2018, 1-10.	0.3	25

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73	Influence of Feeding Type and <i>Nosema ceranae</i> Infection on the Gut Microbiota of <i>Apis cerana</i> Workers. <i>MSystems</i> , 2018, 3, .	1.7	34
74	Hibernation Leads to Altered Gut Communities in Bumblebee Queens (<i>Bombus terrestris</i>). <i>Insects</i> , 2018, 9, 188.	1.0	15
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76	Surviving in the absence of flowers: do nectar yeasts rely on overwintering bumblebee queens to complete their annual life cycle?. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	13
77	Glyphosate perturbs the gut microbiota of honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10305-10310.	3.3	469
78	Habitat-specific variation in gut microbial communities and pathogen prevalence in bumblebee queens (<i>Bombus terrestris</i>). <i>PLoS ONE</i> , 2018, 13, e0204612.	1.1	39
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80	Social and population health science approaches to understand the human microbiome. <i>Nature Human Behaviour</i> , 2018, 2, 808-815.	6.2	33
81	Intestinal probiotics restore the ecological fitness decline of <i>Bactrocera dorsalis</i> by irradiation. <i>Evolutionary Applications</i> , 2018, 11, 1946-1963.	1.5	64
82	The gut microbiome is associated with behavioural task in honey bees. <i>Insectes Sociaux</i> , 2018, 65, 419-429.	0.7	90
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91	High Gut Microbiota Diversity Provides Lower Resistance against Infection by an Intestinal Parasite in Bumblebees. <i>American Naturalist</i> , 2018, 192, 131-141.	1.0	28
92	Instar- and host-associated differentiation of bacterial communities in the Mediterranean fruit fly <i>Ceratitis capitata</i> . <i>PLoS ONE</i> , 2018, 13, e0194131.	1.1	91
93	Differential carbohydrate utilization and organic acid production by honey bee symbionts. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	34
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108	Honey bee microbiome associated with different hive and sample types over a honey production season. <i>PLoS ONE</i> , 2019, 14, e0223834.	1.1	25

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109	Linking pollen foraging of megachilid bees to their nest bacterial microbiota. <i>Ecology and Evolution</i> , 2019, 9, 10788-10800.	0.8	36
110	Drivers, Diversity, and Functions of the Solitary-Bee Microbiota. <i>Trends in Microbiology</i> , 2019, 27, 1034-1044.	3.5	57
111	Effect of transient exposure to carbaryl wettable powder on the gut microbial community of honey bees. <i>Applied Biological Chemistry</i> , 2019, 62, .	0.7	15
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113	Effects of a Resident Yeast from the Honeybee Gut on Immunity, Microbiota, and Nosema Disease. <i>Insects</i> , 2019, 10, 296.	1.0	36
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117	Pollen-borne microbes shape bee fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182894.	1.2	67
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122	<i>Nosema ceranae</i> infection enhances <i>Bifidobacterium</i> spp. abundances in the honey bee hindgut. <i>Apidologie</i> , 2019, 50, 353-362.	0.9	13
123	A Transmissible RNA Pathway in Honey Bees. <i>Cell Reports</i> , 2019, 27, 1949-1959.e6.	2.9	44
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139	Complete Reference Genome Assembly for <i>Commensalibacter</i> sp. Strain AMU001, an Acetic Acid Bacterium Isolated from the Gut of Honey Bees. Microbiology Resource Announcements, 2019, 8, .	0.3	14
140	Fermentation Revisited: How Do Microorganisms Survive Under Energy-Limited Conditions?. Trends in Biochemical Sciences, 2019, 44, 391-400.	3.7	44
141	The honey bee gut microbiota: strategies for study and characterization. Insect Molecular Biology, 2019, 28, 455-472.	1.0	46
142	Recombination contributes to population diversification in the polyploid intestinal symbiont <i>Epulopiscium</i> sp. type B. ISME Journal, 2019, 13, 1084-1097.	4.4	15
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144	Bacterial community structure and succession in nests of two megachilid bee genera. FEMS Microbiology Ecology, 2019, 95, .	1.3	40
145	pH-mediated inhibition of a bumble bee parasite by an intestinal symbiont. Parasitology, 2019, 146, 380-388.	0.7	49
146	Current status and application of lactic acid bacteria in animal production systems with a focus on bacteria from honey bee colonies. Journal of Applied Microbiology, 2020, 128, 1248-1260.	1.4	45

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148	Colonization of the gut microbiota of honey bee (<i>Apis mellifera</i>) workers at different developmental stages. Microbiological Research, 2020, 231, 126370.	2.5	43
149	Thiacloprid exposure perturbs the gut microbiota and reduces the survival status in honeybees. Journal of Hazardous Materials, 2020, 389, 121818.	6.5	60
150	Gut microbiota structure differs between honeybees in winter and summer. ISME Journal, 2020, 14, 801-814.	4.4	175
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152	Antibiotic treatment impairs protein digestion in the honeybee, <i>Apis mellifera</i> . Apidologie, 2020, 51, 94-106.	0.9	9
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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